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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-536 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, MAY 26, 1904. No. 339.

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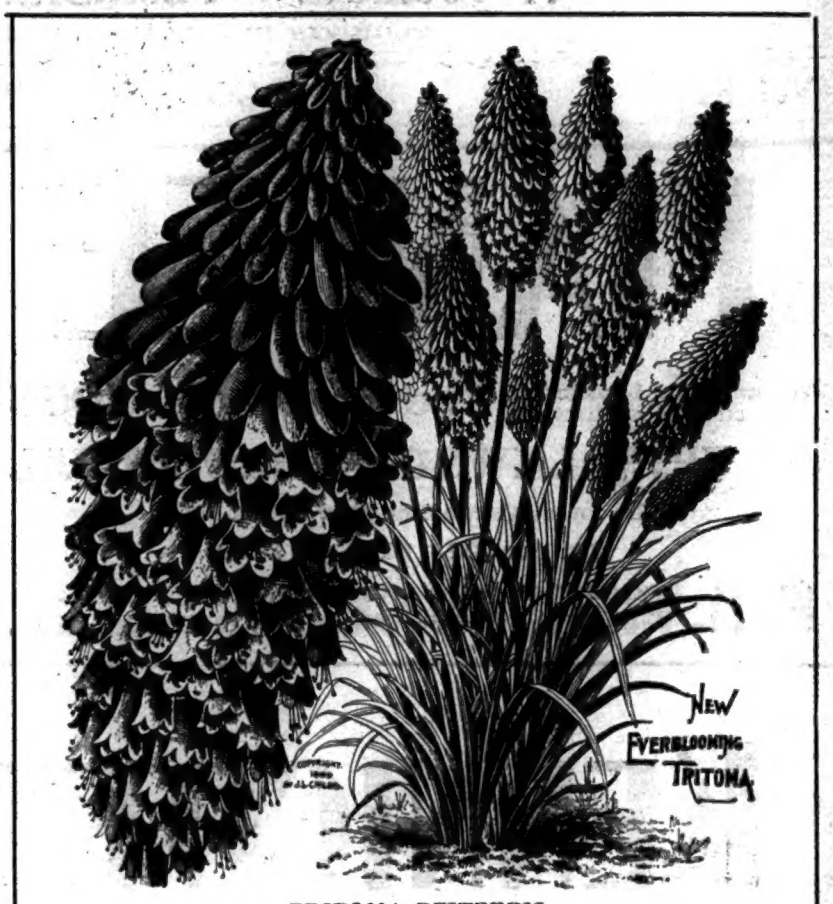
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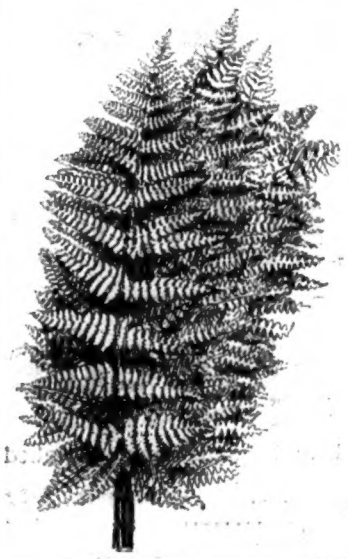


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Asparagus Plumosus Nanus	2-in.	$0.50	$3.00
" " "	3-in.	1.00	6 00
" Sprengeri, $18.00 per 1000	2-in.	.40	2.00
Abutilons, 6 best sorts, all colors	2-in.	.40	2.50
Ageratums, best sorts, blue and white	2-in.	.30	2.00
Antigonon Leptopus	2-in.	.50	3.00
Anemone, Queen Charlotte (new dbl. pink)	2-in.	.50	3.00
Aloysia Citriodora or Lemon Verbena, $20.00 per 1000	2-in.	.35	2.50
Alternantheras, 2 sorts, red and yellow, $18.00 per 1000	2-in.	.30	2.00
Acalypha Sanderi, $25.00 per 1000	2-in.	.50	3.00
" Marginata, $20.00 per 1000	2-in.	.40	2.50
" Bicolor Compacta, new	2-in.	.75	5.00
Althea or Rose of Sharon, fine plants, 7 kinds, 18 to 24 inches		1.00	6.00
Begonias, 10 best flowering sorts, $20.00 per 1000	2-in.	.40	2.50
" Marjorie Daw, new trailing Begonia		.50	3.50
Camellia Japonica, all colors, fine plants, 2 ft. in height, 60c each		6.00	45 00
Clematis Paniculata	2-in.	.50	3.50
" The large flowering, strong 2-year, pot-grown plants, best sorts, including Jackmani, 30c each		3.00	20.00
Cestrum or Night Blooming Jasmine	2-in.	.40	2.50
Caladium Esculentum, good bulbs		.50	3.00
" " strong, 3½ to 4 in. diam.		1.00	7.50
Caryopteris or Blue Spiraea, hardy	2-in.	.50	3.00
Cannas—All our Cannas are plants from pots, ready to grow right off, and are much superior to dormant eyes; Austria, Alemannia, Alsace, Egandale, Florence Vaughan, Mme. Crozy, Mlle. Berat, Pres. McKinley, Philadelphia, Queen Charlotte and Souv. de Ant. Crozy, $27.50 per 1000.		.50	3.00
Cyclamen Persicum Giganteum, $25.00 per 1000	2-in.	.50	3.00
Coleus, in 20 best bedding sorts, $15.00 per 1000	2-in.	.30	2.00
" Thyrsoideus, new flowering	2-in.	.50	3.00
" Christmas Gem, new	2-in.	.50	3.00
Crotons—We are the largest growers of Crotons in America, and offer 20 leading sorts, fine plants, $25.00 per 1000	2-in.	.50	3.00
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Dracaena Indivisa	2-in.	.40	2.50
Daisy, Double White (Snowcrest)		.40	3.00
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Dahlias, dormant, field-grown roots, 12 leading colors		.75	5.00
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Fern, Neph. Piersoni, 50c each	5-in.	5.00	
" " Bostoniensis	2-in.	.50	3.00
Ferns, three dwarf sorts for fern dishes, fine plants, $25.00 per 1000	2-in.	.40	3.00

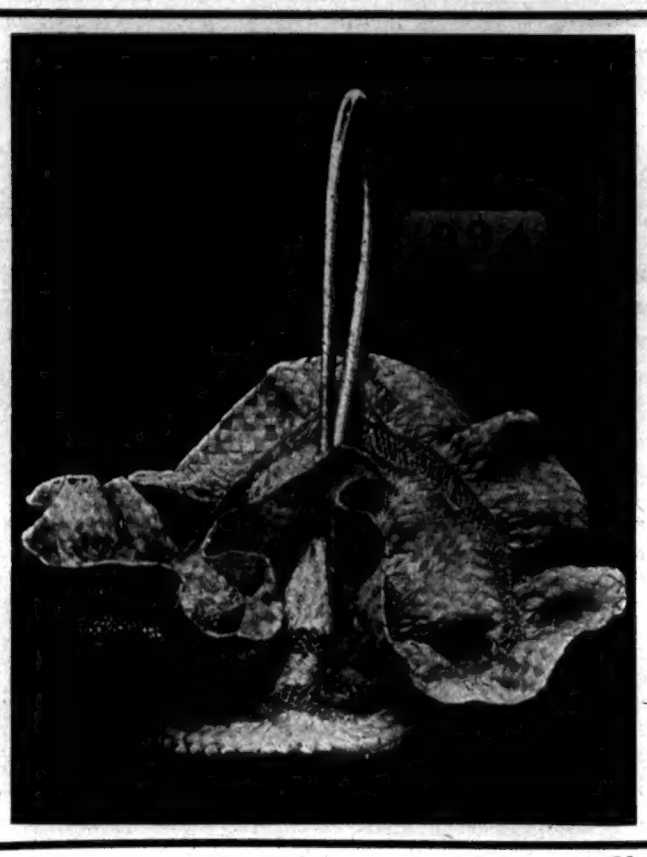
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Geraniums, ivy-leaved, in 6 best sorts		.50	3.00
" scented, in 6 best sorts		.50	2.50
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Hypericum Moserianum or Goldflower-Hardy	2-in.	.40	2.50
Heliotropes, 6 best sorts, $20.00 per 1000	2-in.	.35	2.50
Helianthus, Hardy Dwarf Sunflower, in 2 sorts, Multiflorus, Double, and Rigidus, Single	2-in.	.30	2.00
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Hibiscus, 10 leading sorts, double and single, $25.00 per 1000	2-in.	.40	3.00
Jasmines, Grand Duke and Cape, $35.00 per 1000	2-in.	.50	4.00
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" Maid of Orleans	2-in.	.50	3.00
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" " 36 inches high	6-in.	5.00	
Lantana, Weeping; fine for baskets and vases, $20.00 per 1000	2-in.	.30	2.50
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Saxifraga Sarmentosa	2-in.	.50	3.00
Solanum Azureum, Blue Solanum	2-in.	.50	3.00
Swainsonas, 2 sorts, white and pink	2-in.	.50	3.00
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DELICATA, most beautiful rose.....	25c	1.00	1.75
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HOLBORN (True Blue).....	30c	1.25	2.00
All colors mixed.....	20c	.85	1.50

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Rosea, beautiful rose.. .....25c		50c
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All colors mixed 20c		40c

Asparagus PLUMOSUS NANUS,

	Seeds— 100	1000	5000
absolutely fresh .....$	.50	$4.00	$18 00
Asparagus Sprengeri	.20	1.00	4.00
Dracaena Indivisa .....oz., 25c;		1b.,	2.00
Dracaena Australis.....oz., 40c;		1b.,	4 00
Smilax seed.....oz., 20c;		1b.,	1.75

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MISCELLANEOUS SEASONABLE HINTS.

Alyssum and Lobelia.

There are a few common plants that enter into our business that are liable to be overlooked at this busy time. Many of our soft-wooded plants you can propagate from cuttings taken outdoors in the fall, but not all. The sweet alyssum is one. Take a few cuttings now. A few hundred will be useful struck now and kept in 2-inch pots until August or September and then planted along the edge of a carnation bench will give you flowers through the winter and all the cuttings you want for spring use. We are often short of good lobelia cuttings in the winter; plant out a dozen and in September cut them back and lift before frost.

Aloysia, Lantana and Heliotrope.

There are a few of our bedding plants that it is almost impossible to root in the fall from cuttings taken from outdoor plants. Among them are the fragrant lemon verbena, lantana and heliotrope. If you happen to have an old plant of the latter trained up the gable end of a house you don't want to bother with any plants, because with a cutting back in September, as you would a grape vine, it will give you flowers and cuttings the entire winter, yet if you don't happen to have such, then pot up a few into 5 or 6-inch pots, lantanas and lemon verbenas also, and plunge outdoors. Brought in before frost and shortened back, the heliotrope will make cuttings that root like chickweed and the lemon verbena and lantana, after partial rest till January and then cut back and started into growth, will also give you the right kind of cuttings.

Summering the Azaleas.

Azaleas that were not sold this spring make our best plants for next Easter. If they were in bad shape and the foliage damaged, then it is to be hoped you cut them back hard, even if you left them leafless. And you may have some that came largely blind and yet made a fine growth. These latter need only the strongest growth pinched back. There is no hurry for a week or two, or till the young growth on the cut back plants is somewhat matured, but they should go outdoors before the middle of June. Whether you plant them out or keep them in pots plunged in frames, they should be in the broad sun every hour it shines; putting them beneath the shade of trees is a great mistake. The Belgians, who produce such marvelously fine plants at what seems to us a very inexpensive price, plant them out in beds of richly prepared soil and even the plants not sold they plant on benches in houses for the winter and replant again in the beds the following summer.

Now, if you have a light, sandy loam with the addition of leaf-mold and plenty of very rotten manure (thoroughly rotten refuse hops is also excellent) you will have an ideal bed to plant out the azaleas. As to lifting in the fall, you know how they are lifted in Europe, cross the Atlantic and smile at you when the case is opened. Don't make the mistake of planting them in the beds too thickly. These plants will increase a third and maybe fifty per cent in size during the summer and it is bad to have them crowded. Daylight should be around every plant. I have seen them planted out in this country with great success.

If you are not blessed with any such conditions of soil, then these azaleas will do finely kept in pots and plunged to the rim of the pot in frames. Faithful watering and a daily syringing in hot weather is the principal care. Very little if any pinching is needed in the summer, except perhaps a strong growth occasionally. Good, strong liquid manure once a week will be of the greatest benefit to those kept in pots.

To digress a moment. We had a call last week from Alfred Dimmock, that cosmopolitan gentleman who represents the orchid king, Sander of England and Bruges, Belgium. His photographs of their azalea beds in Belgium, and they are only one of many acres, looked as neat and orderly as a model Italian flower garden. If he told you the ingredients of the compost you would think as I did that an Egyptian mummy would sprout a new crop of hair under such nourishment.

Metrosideros and Acacia.

Metrosideros (the bottle brush) and Acacia armata that were shortened back after Easter want just such treatment as the azaleas in pots, except that if you gave the azaleas a good soil when received last fall there will be no need of any shift, but the acacia and bottle brush are free-rooting plants, particularly the former, and if well rooted give them a larger pot.

Planting Out Asters.

Some early asters are doubtless planted by many, but there are many more yet to be planted. The aster wants a deep, rich soil and if a long dry spell occurs near their flowering time, say August, they are ruined, so have them within reach of the hose. I think as good a lot of asters as I ever saw were grown in a heavy clay loam dug deeply and thoroughly worked and then well supplied with water. If asters do well they want plenty of room. The early varieties may do in rows one foot apart and nine or ten inches in the row, but Semple's and Vick's Branching and Truffaut's need fifteen by eighteen inches. Plant four or five rows and then miss a row for a path. You will find both for handling the hose and picking the flowers it is no loss of space.

Last year we were badly troubled with the aster beetle, which delights to get down in the center of the flower. We sprayed them with a solution of Paris green, a teaspoonful of the poison in a pail of about three gallons of water, but were too late. The solution did not reach the heart of the flower, where the



The Improved Form of Nephrolepis Piersoni.

(Winner of New York Horticultural Society's Fifty-Dollar Premium as Best Horticultural Novelty.)

beetles "do mostly congregate." Before the buds are in the least expanded would be a better time to apply it. If any one knows a better remedy to destroy these lively little devils let's hear from him.

The Boston Fern.

Some one has remarked very recently that the Boston fern is the most popular decorative and house plant of the day and it is about true. All of us grow more or less, but you don't often see a really fine, perfect lot. As soon as the frost kills our plants in the garden, then the plant lover wants something green in the window or drawing-room and now is the time to prepare for this demand. Many plant Bostons out on benches from 2½ or 3-inch pots in five or six inches of rich soil. If given room they grow rapidly and make nice plants for 6-inch pots by September or October. Then they should be lifted and given at least a month in the pots before they are sold.

I think, however, the best and most finished plants are grown altogether in pots. Plunge the pots on the benches during summer and you will save watering and greatly benefit the plants. If you start now with a little plant from a 2½-inch pot shifted into a 4-inch and in August given a 6-inch, you should have a fine plant in October. That is the size that is in most demand, although 8 and 9-inch plants are often asked for, which are easily produced by starting with a larger plant or putting three small plants now into a 6-inch pot. They are too often given too much shade in our hottest weather; then again, they are too often crowded. A nephrolepis with only stiff, upright growth is not handsome. It does not show its graceful, drooping form, and, of course, it is form that is the chief beauty of all ferns.

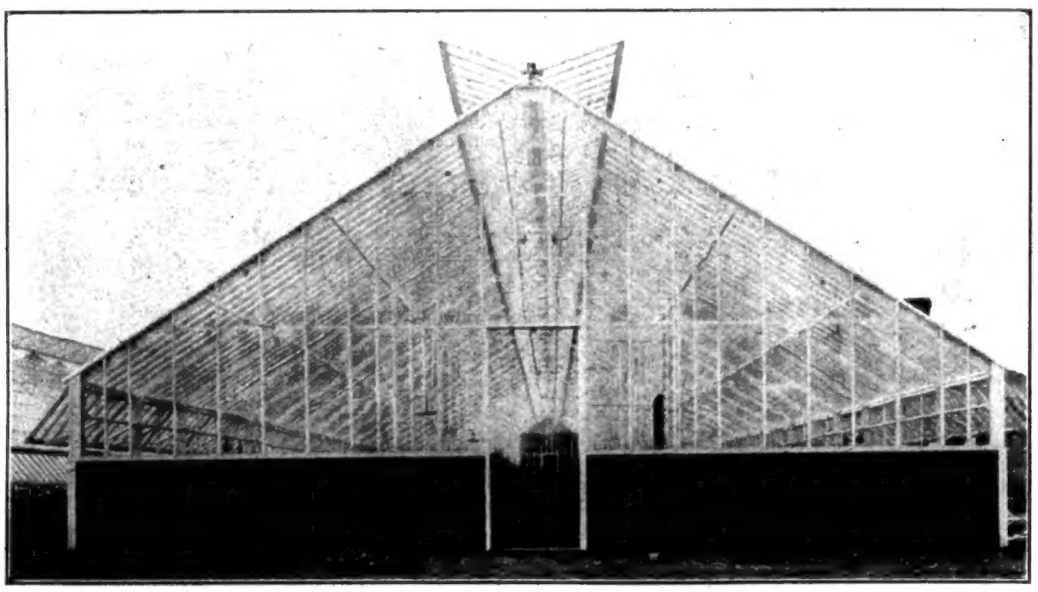
Old Boston holds its own and it will be a long time, "methinks," ere it is displaced. Anna Foster is fine, a good grower, but has reverted to the old type in many fronds, yet that does not hinder its being a beautiful plant. Piersoni is, as we all know, the most beautiful of all the varieties; as was said once before, it is the Farleyense among the nephrolepis. The new aspirant to favor, Scottii, I have only seen as a specimen plant at Madison Square Garden in November, 1902. That plant was truly a beauty and endowed with the graceful drooping habit to perfection. If there is anything in a name this beautiful fern ought to be in great demand. The Scots and Picts flourished about 200 years B. C. The Picts got picked off, but Scottii still lives in Brooklyn and several other places.

My experience is that a loose, light soil is not the thing to grow good plants of these robust ferns. A soil of the texture and richness that would do for your rose benches will grow them well. I do know, however, that decayed hops they delight in, yet let the soil be firm and compact and don't give them a dar gloomy house.

More Cemetery Notes.

I finished off my cemetery notes last week without saying all I intended to. As pretty and graceful a vase as any is one filled with nothing but Boston ferns, either half a dozen good plants or a specimen with a spread of four or five feet. If watered faithfully they will grow and flourish in the full sun. We also occasionally put in one palm alone, but there is very little choice in the palms, and Phœnix dactylifera and P. canariensis are the ones, because they don't burn even if slightly neglected for water, and they are the right form.

While on the cemetery subject, I notice Mr. Craig, of Boston, in his most interesting notes on winter-killed plants and shrubs, mentions the English ivy as being killed even when protected. It is of no use with us, but there is a little plant that endures our hardest winters and I can see that for cemetery use it is coming to the front more and more every year, and that is Vinca minor, which many of our people who ought to know better call myrtle. It is going to be more and more in demand. It is too cheap a thing to grow in pots or frames. Some place beneath the trees, or any piece of ground if planted with it, just a spray with a root planted a few inches apart, will in two years be a mat and you can sell it by the yard as you buy sod.



End View of a Hitchings House at the Strafford Flower Farm.

(See Philadelphia News Letter, Page 9.)

The Smilax.

After you get over your bedding plant rush you will have time to attend to future crops. Among them is the smilax bed. Plant every June; about the middle of the month is a good time. Smilax needs no drainage of any kind. Put seven or eight inches of heavy loam, well enriched with manure, on the solid ground and you can, if you keep a temperature of not less than 60 degrees all night, cut four crops before the twelve months are around. Smilax is by no means displaced by the beautiful asparagus. It may pay you to buy it of a specialist when you have occasion to use fifty or 100 strings, but it is a great comfort to have some on your own place when you need it. Smilax grown in a cool house does not pay.

Bouvardias.

When there is no more fear of the slightest frost you should plant out your young bouvardias. They like a light, sandy loam, well enriched, and should be watered freely when rain is absent. Soon after planting they will begin to throw up strong shoots from the ground and when they are five or six inches high they should be stopped. These growths are what make the plant. The little, spindly plant that started from the cutting bed will never amount to anything and when there is plenty of new growth from the bottom the original plant can be cut away. Why the soil should be light is because the bouvardia is not the easiest plant to lift and unless you can get all the roots and fibres when lifting they will wilt badly with the best of care.

Geranium John Doyle.

I have only just recently made the acquaintance of that splendid zonale geranium, John Doyle. It is a grand scarlet. Perhaps it is old, yet we did not know it. If you don't have it, buy a hundred and plant it out. It is brighter than Nutt and as healthy as J. Austin Shaw.

William Scott.

ROSES.

Supports for the Plants.

Since my first notes on rose growing appeared in the Review some years ago I have had many suggestions from growers of merit as to the best system of erecting rose supports. Some are recommended as labor savers; others claim merit as being economical as regards material, etc. The principal object to be kept in view should, in my estimation, be utility; in other words, the method which, while being easiest of erection possesses permanency, makes least trouble to remove and replace, requires little repair and, while possessing efficiency, has also a neat appearance.

When visiting growing establishments I am always on the lookout for some newer and better feature in rose supports, as even the best methods seem to have some weak points in the system, and along with other growers I shall gladly welcome the system which will simplify this work.

In large establishments the most common method is to erect at each end of the bench a form or frame made of 1¼-inch iron piping. This frame consists of two legs with a cross bar which for neatness and strength should be joined at the corners by elbows. The legs should be of such a length that they can be sunk a foot into the ground, leaving the cross bar twenty-eight inches above the surface of the bench. The whole frame should be at least six inches narrower than the bench, so that it can rest against the ends, thus giving support when the wires are stretched.

A line of wire should then be stretched



Greenhouses and Carnation Field of Strafford Flower Farm, Strafford, Pa.
(See Philadelphia News Letter, Page 9.)

over each line of plants, running lengthwise of the bench. No. 16 galvanized wire is strong enough for this purpose, as the wires do not require to be stretched very tight.

At each plant a wire stake of No. 6 or No. 8 galvanized wire should be placed. This stake should be of sufficient length to reach at least six inches above the horizontal wire and should be tied tightly to it at the junction.

In place of using twine for tying some growers have adopted a wire clasp which seems to suit the purpose admirably and will no doubt become popular as its merits are recognized.

To prevent sagging of the horizontal wire use a frame made of ⅜-inch gas tubing of the same shape as the end frames and joined at the corners by elbows, the legs to be of sufficient length to reach the floor of the bench. These require no nailing to steady them, tying to the horizontal wires being sufficient to keep them in place.

These supports are practically indestructible, neat in appearance (which is considerably enhanced by a couple of coats of white paint) and at planting time are easily removed by detaching the wires from the frames and hanging the wires to the roofs. After the benches are planted they are easily and quickly replaced, entirely eliminate the old system of wood supports, nailing, sawing, etc., which detracted so much from the neatness and beauty of a house.

Many of the other systems, while possessing some points of merit, have been tried by myself and other growers and found unsuited for use in large places. This system which I have described, with local variations, seems at present to be the most practical and in point of efficiency and expediency the most suitable. RIBES.

SOLID BEDS OR BENCHES.

I am now building a new house, or rather two houses 68x100 feet, half for carnations and half for roses. I want to know if you would advise me to use benches or beds? My soil is a red clay, well drained; that is, it does not hold water like pipe clay; it is rather porus and water sinks rapidly. I am a beginner without any experience. Lumber is cheap and I have enough cypress on hand to bench my entire house, but I want to know which is best. It seems to me the solid bed would take much less water and less heat. T. W. L.

Some few expert growers of roses and carnations prefer solid beds, not the old solid beds of twenty years ago, but beds constructed on a scientific basis with many variations and which entail a great deal of skill in construction, planting, watering and feeding; more care, in fact, than a table bench requires.

Seeing that lumber of such good quality is so plentiful and cheap and as he is a beginner I would advise T. W. L. to use the table bench, giving three-quarters of an inch space between bottom boards for drainage. By using the table bench better control can be kept on roots, watering and heating of the soil. The majority of successful rose and carnation growers are still in favor of and using the table bench in some form or other. RIBES.

TARIFF ON CUTTINGS.

Under date of May 16, the Treasury Department has issued the following to customs officials:

Referring to the decision of the Board of United States General Appraisers, G. A. 5645 of April 14, 1904 (published in full in the REVIEW for April 28) wherein it is held that certain so called rooted rose cuttings are not dutiable as rose plants at 2½ cents each under paragraph 252 of the tariff act of July 24, 1897, but should be classified as cuttings of plants commonly known as nursery or greenhouse stock at twenty-five per cent ad valorem under the same paragraph, I have to advise you that the Department does not concur in the conclusions reached by the Board of United States General Appraisers in this case.

As the record presented in this case is not very satisfactory, no appeal has been directed from the decision of the board therein. You are instructed, however, not to apply the said decision to any other importations at your port, it being the desire of the Department to prepare a new case for the consideration of the Board of United States General Appraisers which will more fully present the issue. ROBERT B. ARMSTRONG, Ass't. Sec'y.

The case referred to is that of the American Express Company, which had imported through the port of Buffalo certain rooted rose cuttings for Heller Bros., John Burton and others. The collector assessed duty at 2½ cents each, the cuttings being Bride, Maid, Meteor, Perle, Sunset, etc. As previous decisions of the Board of General Appraisers, to the effect that "rose cuttings are not dutiable as rose plants" at 2½ cents each, had been allowed by the Treasury Department to stand without appeal, it is likely that exception is taken to that part of this decision which apparently offers a ruling on other articles than rose cuttings.

The law is: "Stocks, cuttings, and seedlings of all fruit and ornamental trees, deciduous and evergreen, shrubs and vines, manetti, multiflora, and brier rose, and all trees, shrubs, plants and vines, commonly known as nursery or greenhouse stock, not specially provided for in this Act, twenty-five per centum ad valorem."

The Appraisers said: "This is not altogether free from ambiguity, owing to the uncertainty as to how far the expression 'stocks, cuttings and seedlings of' qualifies the clauses which follow it in the paragraph. Since rooted rose cuttings can not be said to be either 'trees,' 'shrubs,' 'plants,' or 'vines,' if these goods are dutiable at all under the provision referred to, it would seem to be as 'cuttings of plants commonly known as nursery or greenhouse stock.' This construction, it will be seen, extends the effect of the expression 'stocks, cuttings and seedlings of' to all the subsequent members of the paragraph, and reads it as though it were printed as follows:

Stocks, cuttings and seedlings (not specially provided for in the act) of all

(1) fruit and ornamental trees, deciduous and evergreen.

(2) shrubs and vines.

(3) manetti, multiflora and brier rose.

(4) trees, shrubs, plants and vines, commonly known as nursery or greenhouse stock.

The Board is of opinion that this interpretation should be adopted. Although it may appear doubtful upon a strictly grammatical construction of the paragraph, it accords with what we believe to have been the purpose of Congress, viz., to include within the comprehensive language practically everything in the nature of nursery or greenhouse stock."

BLIGHT ON TULIPS.

S. J. G. is not by any means alone in having blight on his tulips. We have seen some very badly affected batches the past few years. Our first experience of it was in 1903, when many of our late blooming or species tulips were badly diseased. We attributed this mainly to having left the bulbs undisturbed for

three seasons. Bulbs lifted each season were clean. This spring we only noted a trace of the blight on two varieties, Clusiana and Lownei, both small species.

Last year we had blight on quite a number of species, many being entirely ruined. Such naturally robust growing sorts as Gesneriana, Bouton d'or and retroflexa, as well as the bybloemens, bizarres and breeders were badly affected. We have not had any blight at any time on the early flowering bedding tulips but believe they will take it, particularly if not lifted annually.

In regard to fungicides, we have tried Bordeaux mixture, but with little success. This was not used until the trouble showed itself. Had we commenced to use it earlier it might have been more efficacious. We find the best means of keeping tulips clean is to replant all kinds annually. Probably the Darwins and one or two other robust species may live from year to year and be exempt, but new soil is in our estimation the only method to keep blight in check.

Narcissi, such as rugilobus, biflorus and spurius, even blighted in 1903, but were clean this year. These are less injured by blight than tulips, however. All the iris family and a considerable number of other hardy plants were blighted last year, but are clean at present. No doubt the peculiarities of the season are in part accountable for these changes, but we think new location and the discarding of badly affected stock the true remedy. English and Dutch growers have experienced this same trouble of late years, so we have the satisfaction of knowing that we are not alone in our misfortunes. W. N. Craig.

CARNATION NOTES.

Topping in the Field.

Almost as soon as you finish planting the young stock in the field, you will have to begin to top some of them. Those which you planted first have had a good rain or two and have started into a vigorous growth. In this locality the weather has been ideal for the young plants in the field. We have had a few hot days, but only a few; most of the days have been cool and lately we have had numerous light showers, which have kept the ground in fine shape. Already we can see the young shoots break where the plants were stopped at planting time, and the shoots that were not stopped are shooting up and will have to be stopped every few days, as they need it.

In the first two toppings you either make or ruin the shapeliness of your plants and so you want to look after this operation closely. There are some varieties which naturally make a shapely plant, such as Joost, Flora Hill and a few others, but most of the varieties we grow in quantity, and especially the less grassy ones, need to be topped several times before the plants will form a strong, compact body, such as we want to plant in the fall. Much depends on doing it at the right time. If you allow the shoots to grow too long the plants become top-heavy and a hard rain or wind will cause them to lie on one side and before you know it you have ruined the shape of the plants. The ideal carnation plant will stand up like an azalea, with a compact body and numerous short-jointed shoots ready to run up and bloom as soon as the plants become established in the houses. You don't want a lot of plants that will lie all over the bench, or have to be supported as soon as they are planted.

You need not make such a scientific operation of this topping as some growers would have you think. You don't need a knife whetted up to a razor edge, nor do you really need any knife at all if you look after them regularly. When the shoot lengthens out enough so that you can see the stem between the joints you can snap it with your thumb and finger and the break will be as clean as if it were cut with a knife, and it takes much less time. You must see to it, though, that there is no tearing or bruising, to avoid which you must do the topping when the plants are fresh, in the morning or toward evening, and not too long after a rain on a hot day. In fact, they should not be topped at all when in a wilted condition.

Two to three joints is enough to allow for each break on most varieties, as symmetry and compactness should be your aim. If you have four or five joints the two top joints only will break and soon your plants are top-heavy.

A. F. J. Baur.



Passageway Connecting Strafford Flower Farm Houses.
(See Philadelphia News Letter, Page 9.)

THE CHICAGO PREMIUMS.

The Horticultural Society of Chicago has distributed the preliminary list of premiums for the exhibition to be held at the Fine Arts building and Auditorium in November. The list is on the same plan as that of previous years, but in many instances the premiums are more liberal than heretofore and the sweepstake feature has been employed to a greater degree than in the past. The total amount of money carried in the regular classes is $2,448 and special classes will be added later.

In cut blooms of chrysanthemums the premiums for vases of twenty-five blooms are $12 and $10. For vases of six the premiums are $3 and $2. For best vases of 100 blooms premiums of $50 and $40 are offered. There is $50 to be divided between the two best vases of 100 flowers no bloom of which exceeds four inches in diameter. The other premiums in this section are equally liberal and should call out a representative exhibit. In the classes for chrysanthemum plants $15 and $10 are the premiums where a single specimen is called for. The best three standards will win $50 and the second premium in this class is $35. There are also very liberal premiums in the classes for five and ten specimen plants and for twenty-five plants grown to single stem and also for group of chrysanthemum plants to occupy fifty square feet. These are calculated to bring out a good showing from the private establishments.

The cut blooms of orchids will receive $70, divided in first and second premiums. In the miscellaneous plant classes the premiums range somewhat higher than before and in cut roses very liberal offers are made. The best fifty American Beauties will win $50 and there are second and third premiums of $35 and $20. The best seventy-five Liberty will receive $35 and the second best vase $25. In the classes for 100 tea roses of the several varieties the premiums are $20 and $12.

In the carnation section, classes are provided for all the standard varieties by name, the first premium being $4 and the second $2 on fifty blooms, with

premiums of $3 and $2 for twenty-five blooms of new varieties, introductions of 1904. There are special classes for the several colors in which 100 blooms are required, with premiums of $10 and $7. There is a sweepstakes premium offered for the best exhibition of 100 blooms. The premiums for seedlings, where twenty blooms are required, are $10 in each class and there is a sweepstakes for the best exhibit among the seedlings. Sweepstakes are also offered in the classes for seedling chrysanthemums and there is a silver cup for the best new rose never before exhibited.

Copies of the list may be had by addressing E. A. Kanst, assistant secretary, 5700 Cottage Grove avenue, Chicago.

Vegetable Forcing.

VEGETABLE markets are ruled by the outdoor crops now in market. At Chicago cucumbers were worth only from 20 to 45 cents a dozen and leaf lettuce 15 to 25 cents a case, May 25.

REVIEW OF THE SEASON.

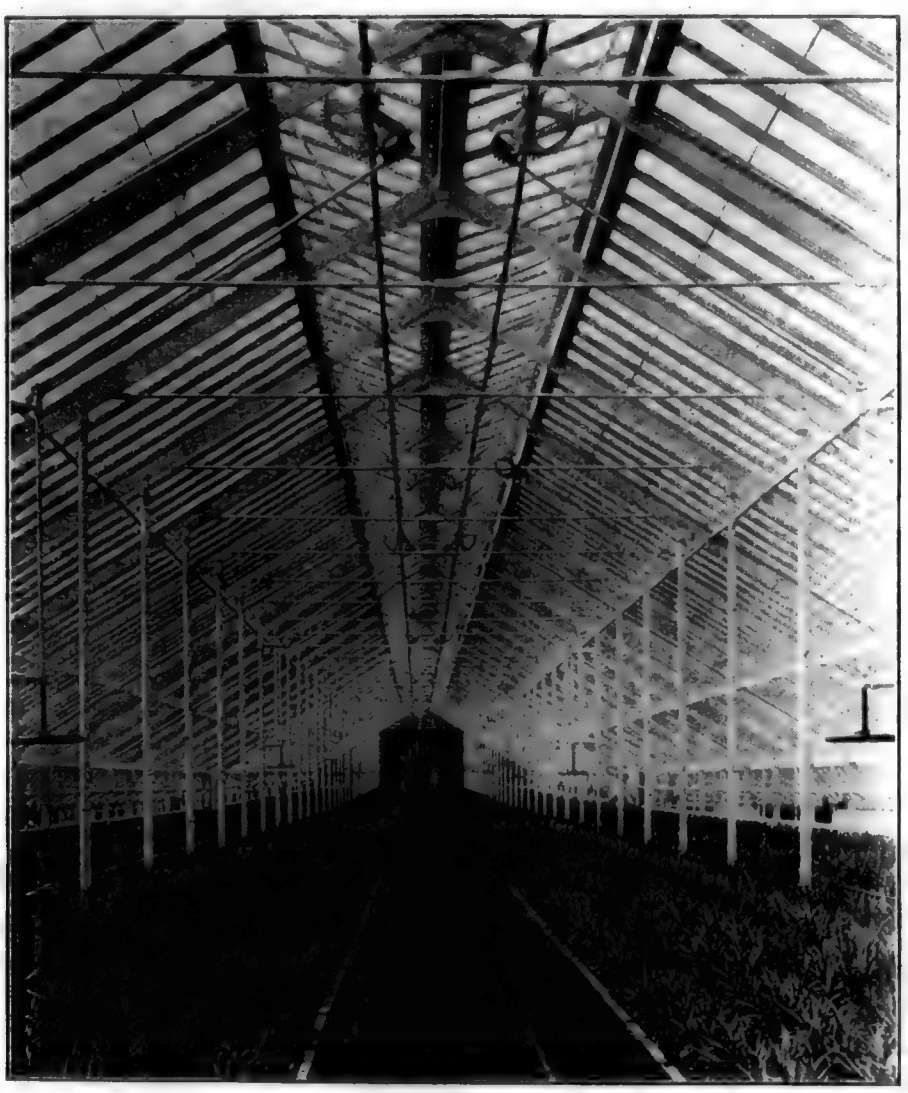
The season of vegetable forcing is just about closed. It is late now for making any fresh plantations, so all that remains to be done is to care for the remnant of the crops now maturing. Tomatoes and cucumbers are about the only crops left, and they are about the only crops that it will pay to hang on to this late in the season, as lettuce, cauliflower and such subjects are, or will soon be, plentiful outdoors in most sections of the country. The present is a good time to look over the houses and find out what painting and repairs are necessary, so that steps can be taken to have this work done in good season, then everything will be in readiness when the time comes for again beginning operations. As the work practically begins in August, with the sowing of such subjects as tomatoes and cucumbers, the few weeks between now and then will soon slip past, hence the necessity of having everything ready to avoid both hurry and delay.

Though the season, taken all through, has not been a record-breaker as regards prices, still, fairly good prices have in general been obtained, but on account of the severity of the winter a good deal of the profits have been eaten up in the extra coal necessary to keep things warm. Of the several subjects, tomatoes have fluctuated least of any in price, 20 cents per pound being the average highest; on very few occasions did they exceed this figure. Cucumbers have run about $1.25 per dozen, but have fluctuated from $1 to $1.50 for best quality. Mushrooms have run from 35 to 60 cents per pound, occasionally rising as high as 75 cents, though 40 cents has been about the average best price. Lettuce has been very uncertain, the best quality of heads sometimes selling as low as $3.25 per barrel and running anywhere from that up to $6, though around $4 has been about the average price. For cauliflower $3.50 per dozen has been about the average high price, though they have occasionally sold as high as $5. Rhubarb has ranged from 3 to 7 cents per pound, and the highest price for asparagus has been pretty well maintained at $6 per dozen bunches, while the best prices for radishes have run from 40 to 60 cents per dozen bunches.

Now is a good time for the grower to take a review of the season and find out what has paid best, so that he can decide what it is best to grow most of another season. So much depends on the market at which the produce is sold that the producer is the best judge of his own individual case. Though the best quality will always command the highest figure of the day, the fluctuations in price from day to day are due more to supply and demand than to the quality of the article produced, hence the necessity of the grower selecting the article with which the market at which he sells is least likely to be overrun.

It seems strange, but nevertheless a fact, that all the growers in the same section will often get running on the same thing, the result being that all available markets are soon overrun and prices necessarily cut. A good deal of this is often due to locality, which may be very suitable for certain products, but seeing that supply and demand have so much influence on the market prices, the grower must get away from the usual rut to give himself a better chance of getting full value for his products.

W. S. CROYDON.



Modern Carnation House at Strafford Flower Farm.

CORRECTIONS.

An error in proofreading caused Hunt's spiked cemetery vase to be quoted in our last issue at $2.25 per dozen and $1.25 per dozen in barrel lots, when $1.95 per dozen in barrel lots is correct, as was quoted in the larger advertisement May 5. This was in the advertisement of E. H. Hunt, Chicago.

In the carnation advertisement of C. Eisele, Philadelphia, last week the variety Estelle was named instead of Ethel Crocker. "I was busy all week answering letters and returning money sent with orders, because I didn't have the stock," writes Mr. Eisele.

PHILADELPHIA.

The Market.

The vast supply of outdoor lilac has given way this week to the peony vanguard, which is arriving from the south in generally good condition. Home-grown peonies seem unlikely to be in before Decoration day, though last season they were nearly over at that time. Calla lilies are becoming scarce, but Easter lilies are in fair supply and can be had in quantity if ordered ahead. Carnations promise to be in large supply for Memorial day at slightly advanced figures. Some dealers have already stopped taking advance orders. The feature of the rose market is the arrival of new crop Beauties, in quantity, Leo Niessen receiving 1,800 in a single shipment on Monday. They are medium and short-stemmed flowers with nice foliage. S. S. Pennock is receiving Hemerocallis flava, the day lily, lemon yellow in color, suitable for decorating.

The Strafford Flower Farm.

Through the courtesy of Samuel S. Pennock, the well-known wholesale florist of this city, I was enabled to visit this enterprising establishment some time since. The party was to have consisted of S. S. Pennock, A. B. Cartledge, David Rust and Phil, but unluckily Mr. Cartledge was obliged to secure some plants needed in his store, so the number was reduced to three. Some doubts had been expressed as to whether the representatives of two rival papers should go together on a visit of inspection, but these

doubts must have been dispelled long before the train reached Strafford, a station on the main line of the Pennsylvania railroad, lying between Wayne and Devon.

The greenhouses are built on a piece of ground admirably adapted for the purpose, situated within easy walking distance of the station. The visitors were met by the proprietor, Edward A. Stroud, who conducted them through his houses. They are three in number, each 30x300, fourteen feet high at the ridge and about six feet at the sides, even-span, two top and two side ventilators. Each house has four five-foot benches and is divided at right angles through the center by a broad pathway, with double doors at the sides of each house. The framework of the houses is of iron, the glass 16x24 inches, double thick. The roof bars and benches are of cypress. There is also a smaller propagating house, very light. The total area of glass in the four houses is nearly 30,000 square feet.

The entire place is devoted to carnations grown for high-grade cut flowers. Mr. Stroud's idea is to grow only the best varieties, giving them all possible encouragement. He does not believe in forcing crops for special occasions, preferring to keep the plants in perfect health, taking no chances on injuring them through undue exertion to produce a heavy crop at a given time. Most of the prominent commercial varieties of carnations are grown and find favor here. May Naylor, while not generally grown, is a great favorite. Viola Allen has not proved a worker. Harry Fenn, crimson, a fine, robust grower, is thought promising. The plants are supported by strings tied to two rows of wires stretched the length of the bench, one over the other. When we saw the propagating house it was filled with as pretty a lot of young plants as any carnationist could desire. I think we were told 40,000 of them, all in pots. Since then they have been planted outside, as shown in one of the accompanying photographs. Enough for four benches, or about 3,600, will be kept in pots to be benched next month. It takes about 22,000 plants to fill the houses.

Three large boilers, built by Hitchings & Co., heat the place by hot water. They are located in a neat, stone stoke hole, light and well ventilated. The fuel used is pea coal. At the opposite end of the plant from the stoke hole is the building devoted to office, cooling and packing rooms, which are commodious and exceedingly well appointed.

The enterprise and judgment displayed in the construction and arrangement of the place reflects credit on the proprietor, as does its condition on him and on his foreman, Thomas Beattie. The plans were drawn and executed by Hitchings & Co. The cut flowers are distributed by Samuel S. Pennock.

The impression created by the Strafford Flower Farm is distinctly favorable. A modern plant, costly in construction, very light, durable, with little likelihood of repairs proving a serious item for many a day. Near by is the old Eagle Hotel, used by Mr. Stroud as a sort of fish house, where he entertains the good florists with great big, hot pies with true country hospitality.

Various Notes.

M. Rice sailed from Hamburg on the steamer Moltke May 18. B. Eschner and Eugene Weiss expect to meet him next Sunday.

Edward Reid shipped an order for 1,500 roses to go up the state to the Knights Templar reunion.

C. F. Edgar & Co. are receiving shipments of cape jasmine from the south.

J. Henry Bartram, of Lansdowne, has been sending some fine Beauties to Edward Reid.

Albert M. Herr, of Lancaster, is sending exceptionally nice Prosperity and Roosevelt carnations to S. S. Pennock.

Considerable comment was caused last week by entire shipments of carnations going to sleep the day after their arrival in the commission houses. Inquiry among the dealers brought out the opinion that this trouble is due partly to the high temperature in the greenhouses and shipping boxes, partly to the plants being out of condition, and partly to excess of moisture in the air. The dealers are taking special pains to keep the flowers in cool, dry cellars. They suggest that perfect ventilation and picking the flowers tight will do much to avert this evil.

H. Bayersdorfer and wife sailed for Europe last Tuesday.

The well-known carnation grower, L. B. Eastburn, of Kennett Square, will continue to lease his greenhouses to a tomato grower.

Joseph Heacock has a nice lot of Areca lutescens in all sizes. His large plants are fine for decorating. Phil.

BOSTON.

The Market.

Conditions have not materially changed during the past week. A spell of cool, cloudy and showery weather, which terminated on the 21st, considerably shortened the output of flowers, but the demand was not sufficiently strong to cause any advance. Prices have not varied much from a week ago. Carnations continue abundant and of fine quality. A few fancies bring $2 to $2.50 per 100, but good blooms sell at 50 cents to $1 and inferior ones for anything they will bring. Fortunately fewer poor flowers are coming in each year.

Bulbous stock is now about over, except for Narcissus poeticus and a few bunches of Gesneriana and other late tulips. Lilac is abundant, but as almost every one grows it there is no money in it. An immense quantity promises to be available for Memorial day trade. Outdoor lily of the valley is of unusually fine quality, entirely outclassing indoor stock, the latter looking wretched in comparison.

Bedding plant trade has been late in getting under way, but is now extremely active. All the florists who grow this stock are very busy. A very large quantity is being used this week in the cemeteries.

Everything at the time of writing points to a record breaking Memorial day trade. Although more outdoor material than usual will be available for the cheaper bouquets and wreaths, the demand will use up every greenhouse flower. Roses and carnations promise to be abundant and of much better quality than usual. There are the usual large contributions of antirrhinum, candytuft, spiræa, callas, Lilium longiflorum, L. candidum, geraniums and other seasonable flowers.

Club Meeting.

There was an excellent attendance at the regular monthly meeting of the Gardeners' and Florists' Club on May 17 to listen to Carl Blomberg's paper on alpine plants. Mr. Blomberg is an enthusiastic botanist and lover of hardy plants, and spoke very entertainingly. Being unable to give a complete list of suitable rock plants in one evening he promised to continue the subject on some future occasion. An animated discussion followed the reading of the paper. Robert Cameron protested against the term alpine plants being used to designate the plants named by the lecturer; not over a dozen kinds named were really such and most of them were excellent subjects in the herbaceous border. Rock plants should have been the title of the lecture. With this view Mr. Blomberg concurred. The lecturer had no faith in the finer hybrid aquilegias, as they are too short lived. They are best treated as biennials, a view concurred in by others present.

In regard to the culture and propagation of the pretty and popular Daphne cneorum, Julius Heurlin stated that he had the best success in rooting this subject in August in frames with a bottom heat of 110 degrees; keep frames shaded and close, syringed once or twice a day, but not very damp at the root. Treated in this way, out of a batch of 12,000 cuttings inserted last August he only lost 200.

An interesting exchange of experiences in regard to the losses in trees and shrubs during the late severe winter brought out the fact that gardens in and around Boston generally suffered less than those a few miles inland. J. W. Duncan gave a long list of plants injured in the Boston park system. Among others not yet named in this column were Berberis vulgaris, quite badly cut down; cornus in many cases cut to the ground, and all flower buds killed; Ligustrum amurense and L. regelianum stood the winter poorly. Among the loniceras, L. fragrantissima was cut down, as were Elæagnus longipes, kerrias, bignonias and rhodotypos. Prunus maritima was killed and P. Americana cut back severely. Rosa Wichuraiana was also badly hurt and R. multiflora killed.

Experiences as to injury were also furnished by President Pettigrew, Duncan Finlayson, W. J. Stewart, W. N. Craig, James Wheeler, Wm. Downs, Charles Sander, J. Westwood and others and it was generally agreed that the late winter was the most destructive ever experienced.

President Pettigrew announced the following committee on prizes for the chrysanthemum show next November and the rose show in March, 1905: Messrs. Cameron, Wilde, Montgomery, Craig and Wheeler. Several new members were elected.

The exhibits included a collection of hardy plants from Carl Blomberg, including Cypripedium arietinum, C. pubescens and C. parviflorum, Dodecatheon Meadia, D. integrifolium, etc. Robert Cameron showed a grandly flowered specimen of Dendrobium tortile, an old orchid, introduced nearly sixty years ago, but not often seen in good condition. The flowers are of a very pale yellow color suffused into purplish rose.

W. N. Craig showed a collection of late flowering tulips, including Didieri, retroflexa, Gesneriana major and Gesneriana



Edward J. Bertermann, of Indianapolis.

spathulata, Bouton d'or, Picotee, Golden Crown and bybloemens, also flowers of Gardenia Fortuniana (Veitch's form) and sprays of Crimson Rambler, Philadelphia Rambler, Queen Alexandra and Farquhar roses.

Various Notes.

An effort by the Massachusetts Forestry Association, State Board of Agriculture and other bodies to have the state legislature appropriate $300,000 toward exterminating the gypsy moth has been defeated by a considerable majority and the motion to appropriate $60,000 for the introduction of natural parasitic foes was also defeated. It is probable that this terrible pest will cause widespread destruction this year, for the efforts of individual proprietors and local bodies will avail little.

Active work in fighting the elm leaf beetle has commenced in a number of towns and cities. The last few warm days have made the beetle quite active. Disparene, a form of arsenate of lead in paste form, is generally used.

W. N. CRAIG.

EDWARD J. BERTERMANN.

The accompanying portrait of Edward J. Bertermann is from a sketch made by the artist of the Indianapolis Sentinel and was published with the following note:

Edward J. Bertermann, general manager of the Bertermann Bros. Company, is one of the most thoroughly equipped floriculturists west of the Alleghany mountains. The company, of whose extensive business he has for a long time had the practical business management, besides the subject of this sketch, includes three other brothers—John Bertermann, president of the corporation; Walter H. Bertermann, vice-president, and Irwin F. Bertermann, secretary-treasurer.

The company long since established at 3002 E. Washington street, extensive greenhouses, where a large and varied stock is grown. With a thorough knowledge of the floral art Edward J. Bertermann has coupled the force that has come to him from years of study of business methods and this naturally, has rendered him invaluable in bringing trade of the Bertermann Bros. Company to the splendid and profitable condition it enjoys in the local business world at this time.

The Bertermann brothers have long been actively identified with the local, state and national association of florists, and the magnificent success which has attended the annual chrysanthemum shows in this city to a very large degree may be attributed to the wise judgment and excellent advice of the gentleman whose portrait The Sentinel presents today. Mr. Bertermann, who has been in this country and city for twenty-seven years, will shortly leave for Europe and recently took out his naturalization papers in the Superior Court in order that he might go back to the land of his ancestors a genuine and unquestionable American citizen.

He resides in a pretty home at 628 Lockerbie street, and is a warm personal friend of his neighbor, James Whitcomb Riley.

HANOVER, PA.—F. E. Cremer has had some very nice contracts for plant beds in the National Cemetery at Gettysburg.

NEW YORK.

The Market.

The weather conditions are at last seasonable and the market seems to have settled down to its usual summer dullness. School commencement, Decoration day demands and June brides may combine to lift things slightly, but the general sentiment is one of resignation to the inevitable. A reduction in the overwhelming supplies of the last two weeks may enhance values temporarily for Memorial day, but at the present writing there is enough of everything and to spare. Outdoor stock is abundant, especially valley and lilac, which are everywhere and fine in quality and popular. The lower grades of roses and carnations come in floods and have no permanent value. Cape jasmines were a drug on Saturday, one firm with a shipment of 1,000 not having sold a dozen up to closing time. Lilies continue plentiful and cheap.

Various Notes.

Nick Schreiner, of J. K. Allen's force, will celebrate the outing holiday by marrying Miss Mamie Flynn, June 29.

Sigmund Geller returned home from his European trip on the Kaiser Wilhelm last Tuesday.

Alex Guttman finds the added convenience of two telephones a necessity and has no complaint to make of the season's business.

Jos. Leikens, of Newport, was in town last week making some extensive purchases for his new store on Bellevue avenue there. He seems well pleased with his progress and has the filling of the Beekman estate to complete, as an anchor to windward.

The outing is next in interest to the club's peony and ladies' night on June 13. The official program will be distributed next week and the list of sports and prizes far exceeds that of last year, while the attendance promises a similar increase. The committee ask all who will attend to communicate with Treasurer Schenck at once that ample provision may be made for all. Among the prizes already offered are:

Five for the ladies' bowling match by President Traendly; nine bottles of champagne by John B. Nugent to the winners of the base ball match; $6 by John Raynor and $5 by W. C. Mansfield for the men's bowling prizes; prizes for the one mile race and the married men's fifty-yard race, by Ford Bros.; 100 yard race, by Philip F. Kessler; half-mile walking match, by W. H. Gunther; boys' fifty-yard race, under 8 years, by Jos. Millang, two prizes $4 and $2; boys' race, under 12, by John Young; boys' race, under 16, by Walter Sheridan; girls' race, under 8, by J. K. Allen; girls' race, under 12, by Chas. Schenck; girls' race, under 16, by Moore, Hentz & Nash; two prizes for married ladies' race, by Sigmund Geller; old maids' race, by Joseph A. Millang; 100 yards special for growers, and their foreman only, the Lord & Burnham prizes $5 and $3; girls' race under 18, a $5 bolt of ribbon and a special press bowling prize of a handsome bronze inkstand, by John Birnie. Many more prizes and contests will be reported in our next. If any other of the club members desire to give further prizes they can at once communicate with President Traendly.

Immense importations of European stock are arriving, among them a shipment of 600 bay trees to Julius Roehrs, many of them magnificent specimens. The demand for the bay seems continuous and their use almost universal. Hardly a hotel or restaurant is without them. Their popularity increases and the oversupply which seemed at one time to threaten has not materialized. Revolutionized Coney Island, with its magnificent parks and "dreamland," has found the bay just the tree for its summer

decoration and shipments to out-of-town florists are increasing wonderfully every year.

John Scott has been visiting Boston, Newport and other New England cities, exhibiting a specimen of his fern. Its character and rapidity of growth all appeal to the commercial growers and he reports a great demand for it.

Alfred Langjahr, of the Brooklyn Horticultural Society, reported a special meeting Monday evening, when a final disposition of the surplus was made and arrangements for a farewell banquet of the members consummated.

Hicks & Crawbuck, the wholesalers of Brooklyn, lost a valuable wagon last week in a collision with a trolley, the horse and driver escaping injury.

June 8 and 9 the American Peony Society will make an exhibit at the Bronx Botanic Garden, by invitation of the New York Horticultural Society.

J. Austin Shaw.

CHICAGO.

The Market.

The men of the market have been between the devil and the deep sea this week. The change to hot, close, damp weather when the plants were full of buds holding for Memorial day, resulted in a great rush of stock of such inferior grade that the wholesaler dares not ship it out to his customer for fear of losing his trade and at the same time the grower thinks he is entitled to returns in keeping with the shipping quotations. The avalanche of undesirable material has completely inundated the market for the first few days of this week. The local retailers will not accept this inferior stuff any more than will the out-of-town customer, and the Greeks refuse to handle "bum" roses and sleepy carnations when there is such a wealth of seasonable outdoor flowers with which they can do business. Consequently the waste is high.

Of all the roses, American Beauty is holding its quality the best. There are still large supplies of long stock and an unlimited quantity of shorts. Color is lacking to a certain degree, but compares favorably with that of Bridesmaid, or any other colored rose except Liberty and Meteor. The Bride is quite eclipsed by Kaiserin, although the supply of the latter is small. All roses are small in bud, open and soft in texture, in fact in many of them the petals seem almost to have rotted as a result of hot, damp weather. Much of the foliage is unsightly because of mildew.

There are large supplies of carnations at hand, but they will not stand a long journey; in fact those which are received fresh in the morning, if not moved out, are asleep by the following morning and wholly unsalable. If they go to sleep in the wholesaler's ice box it is not to be wondered at that they go to sleep in the shipping boxes, and neither is it to be wondered at that the customer objects to the grade of stock he is getting, but it is wholly beyond the control of the wholesaler

This does not speak for the satisfaction which should attend the very heavy business which will be done the latter part of the week for Memorial day. The only saving clause is that Memorial day is pre-eminently an occasion where low prices are more necessary than quality. There will be an abundance of the "our selection" grades, but prices on the very few good roses are likely to advance.

The retailer who is not satisfied with the quality of roses and carnations can fall back on the peony. The receipts in the last three days have been phenomenal, far ahead of anticipations and there are now literally thousands of dozens in the cold storage houses waiting for the rush at the last of the week. It is stock from Missouri and southern Illinois, the sources from which the best of the early cuts have come in previous years, and the receipts have been literally by the carload. Quality is excellent and the varieties of the best, there being a considerable proportion of Festiva maxima, and a few of the fine red, Richardson's rubra superba.

There is pretty sure to be a slaughter in the cape jasmines, for there are hundreds of cases in cold storage, early receipts which could not be moved and which are held on the chance of a market between now and next Monday. The best stock seen so far is that from C. W. Benson, at Alvin, Texas. As an example of the way it goes, a Dr. J. D. Ward, of Dickinson, Tex., on Monday shipped 25,000 capes consigned to the American Express Company instead of to a wholesale florist. Doubtless he thought the express company would be able to find a better market than the florist would, but the express company turned them over to the commission men, dividing the shipment into two or three lots. It was not good stuff, and the consignee will be lucky if he gets any return.

The local lilac is at its height, but as the weather is very warm it is likely to be pretty well off by the end of the week; a great deal of it shakes badly already. Emil Buettner is sending in some remarkably fine outdoor white lilac. The Kennicotts, at The Grove, are sending in a big crop of outdoor tulips which are of good quality, but not active sale, as the supply now exceeds the demand. There are also considerable receipts of parrot tulips. Outdoor valley is in and there are still violets in the market. The lily situation does not improve and there are untold thousands of sweet peas to be had without notice. If there is any scarcity in anything it is not on record.

Various Notes.

The E. F. Winterson Co. has just received a good-sized shipment of Belgian palms in the larger sizes, for which there is an active demand.

John Poehlmann is suffering with a carbuncle on his neck. They are just now getting in a large crop of Beauties.

Wietor Bros. are cutting from their house of Kaiserin roses and the stock is of very fine quality.

The Kennicott Bros. Co. has arrangements which bring them each year the big cut of peonies in the vicinity of Sarcoxie, Mo. A week ago Mr. Pieser said that he counted on a big cut for Decoration day, and now he says it is three times what he anticipated. But as the quality is all that could be asked, a good market is looked for. The whites were selling at $1 a dozen early in the week. There is, however, likely to be a bad break in prices when the local crop comes on.

George Reinberg has his big plantation of carnations all in the field. It was a big task because he is largely extending his glass this year and because he does a big business in the fall in field-grown carnation plants.

John Sinner says that his firm is steadily extending its shipping trade and that he expects another year to do a big business in this line.

E. C. Amling is getting some splendid gladioli from the same grower who is so successful with his lilies.

Only one bowler brought his good eye Tuesday evening and even he fell down in the fourth game. The score:

Player.	1st.	2d.	3d.	4th.	5th.
Balluff	161	136	136	156	158
Huebner	163	134	162	145	110
Asmus	158	162	172	139	141
F. Stollery	170	200	204	148	224
Scott	180	148	139	168	152
Stevens	160	118	132	127	116
Degnan	143	154	154	143	163
Winterson	120	140	146	187	113
Ed. Hauswirth.	136	146	142	147	...

ST. LOUIS.

The Market.

The past week cut flower business was more active than for some time and the florists about town report some large orders for funerals, wedding receptions, dinners and World's Fair work, where a great deal of entertaining is going on and the commissioners of the different state buildings seem liberal in regard to floral decorations. This used up the large surplus of stock at the wholesale houses. Transient trade among the down-town retailers is keeping up pretty well. Saturday and today, Monday, receipts are lighter in all lines except outdoor stuff, which is very plentiful. First-class stock of all kinds is being cleaned up pretty well and the glut seems over for a while at least, and prices, too, are somewhat higher on best grades. Orders for Memorial day are coming in now and the prospects are for good trade on that day. Work for school commencements early next month will help keep us busy up to June 15, after which the summer stillness will be on, unless the World's Fair changes matters for this summer, and a great many of our florists are looking forward to good business right along.

Roses and carnations, which have been abundant, have slacked up somewhat, no job lots are offered and the fakirs have to content themselves with cape jasmines for their street sales. American Beauties are in fair demand, with top prices at $2.50 per dozen. In smaller roses all varieties are in good demand, at prices from $4 to $8 per 100. Carnations are still in fine condition and the demand uses up about all that come in. Fancies are again up to $3, and $2 for firsts. Commons run from $1 to $1.50 per 100. Sweet peas are coming in by the thousands and sell fairly well, at 50 and 75 cents per 100. Pink, white and lavender are the choice sellers. Peonies are selling clean at $5 per 100. Cape jasmines are 50 and 75 cents per 100 and $5 per 1,000. Outdoor stock, lilac, snowballs and valley, are selling slowly. Smilax in long strings brings 25 cents, shorts 15 cents. Other greens are in good supply.

Among the plantsmen trade in all kinds of plants is booming and some have already completely sold out. Geraniums are in great demand, in fact anything in the plant line is in big demand. The greenhouse men will surely reap a harvest this year. The weather, too, has been favorable to planting out the last two weeks.

Various Notes.

George M. Kellogg was in town last week attending the good roads convention, which was in session all of last week in the Exposition building. N. R. Cook, late with A. Miller, at Pawtucket,

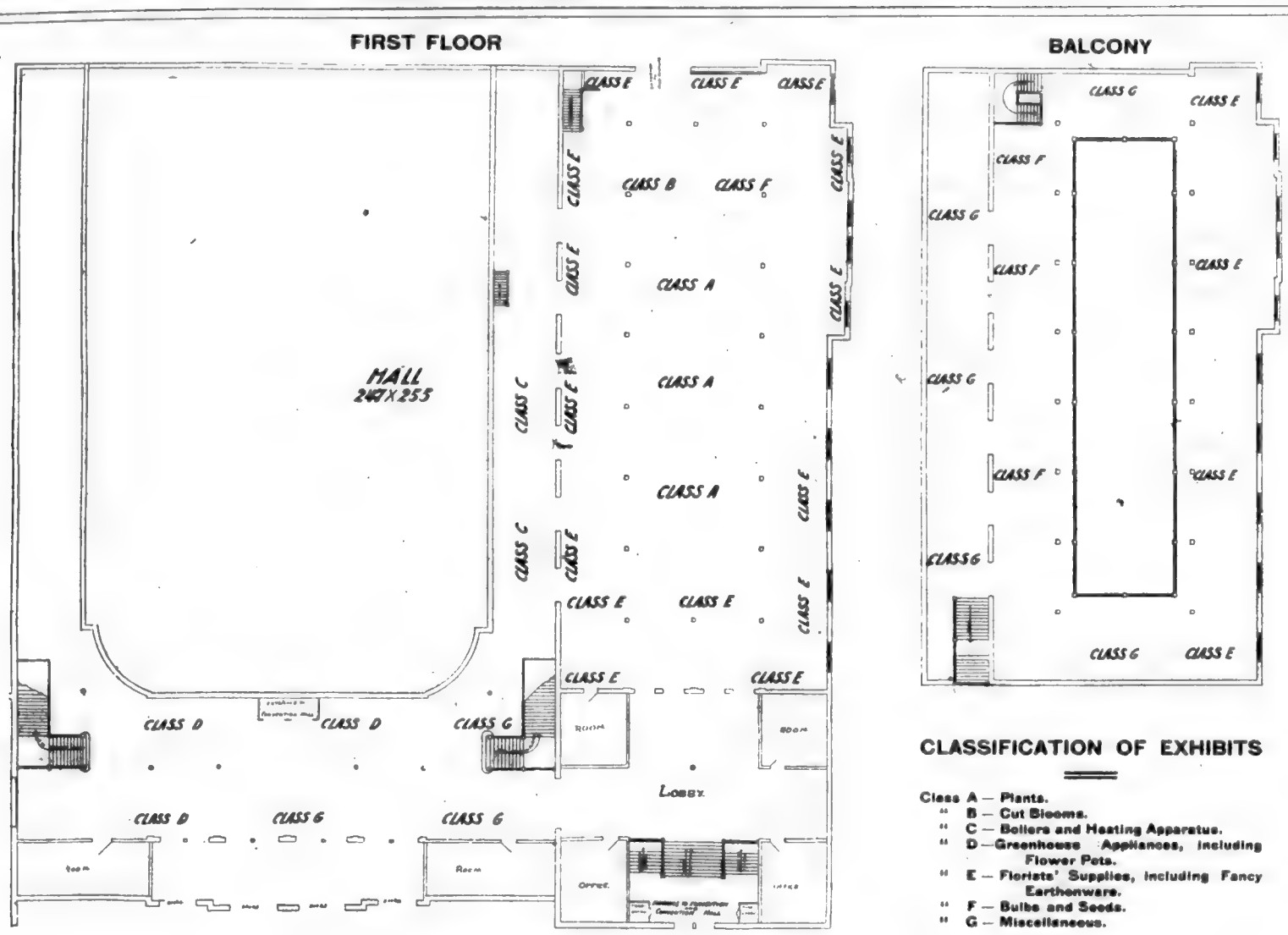


Diagram of the Trade Exhibition Hall for the S. A. F. Convention at St. Louis, August 16 to 19.

R. I., is now employed at Mr. Kellogg's place in Pleasant Hill.

C. Young & Sons Co. report that they are almost cleaned out of bedding stock and in another week will make a clean sweep of everything. This has been an exceptionally good year with all the St. Louis florists in the plant line, as all are reporting a big plant trade in everything.

Arthur Ellison is off on a fishing trip down south for a month. Arthur is taking his vacation early this year. He will be back soon to get in condition for the convention bowling.

Leo Osternei is out at the World's Fair grounds selling palms for Siebrecht & Son, New York. Their salesroom is in the Horticulture building. Harry Siebrecht was here last week. They will send two car loads of fine palms for exhibition. His firm will also make a big display at our trade exhibition in August.

There were no roses on exhibition in the Horticulture building for the opening day of the rose show, which was set for May 21 to 25 inclusive.

George Waldbart has some elegant bay trees in all shapes in front of his store on Grand avenue. Mr. Waldbart is having a very busy season, with receptions and dinner parties. Funeral work, too, has been plentiful. A great show of fine blooming plants can also be seen at this place.

On Tuesday of last week, Charlie Schoenele, who is with Mrs. M. M. Ayers, was held up by highwaymen and relieved of his fine gold watch and chain. Charlie was lucky at that; he only had $1.10 in money about him, so they gave him back 10 cents for car fare.

Planting has begun in City Hall park. Park Commissioner Aull says that 30,000 plants were used in this park. The large center beds are the same as last year, the only new feature a few small beds around the big ones in the grass plots. All parks under his jurisdiction will be finished by June 1. Some new designs are promised in Forest park this year. Mr. Aull has plenty in the greenhouses at Forest park to make the parks all attractive this summer.

H. M. Schisler, of the Schisler-Cornelli Seed Co., reports that the University Hotel has been selected as the meeting place of the American Seed Trade Association, which holds its twenty-second annual convention here next month, June 21 to 23. Visiting members are requested to take the Market street cars, which run past the Union station and will take them direct in front of the hotel, which adjoins the World's Fair grounds. A meeting has been called for this week of the local seedsmen to select committees who will have charge of entertaining the visiting seedsmen.

The huge floral clock at the World's Fair grounds is almost completed. The minute hand, seventy-four feet long, is now in place. The hands weigh 2,500 pounds. Everything is worked out in plants. J. W. Dunford, at Clayton, is growing some 15,000 verbenas and geraniums for the clock. This, when completed, will be a great attraction for all visitors.

At the dedication of the French building last week 5,000 American Beauties were given away. Every lady visitor on entering the building got one for a present. The rooms were also tastefully decorated with a fine lot of palms.

In the Texas building last week Mrs. James Madison Bass, of Temple, Texas, distributed 50,000 cape jasmine buds to visitors. This will continue as long as they last.

During the World's Press Parliament, which convened last week in Festival Hall at the World's Fair grounds, journalists from thirty-five nations were present. Several of the state buildings entertained their press representatives. Every building was handsomely decorated and the Press building was made especially attractive for the representatives.

The Federation of Women's Clubs, which met here last week, was entertained on Friday by Mrs. William Trelease, who gave them a garden party in the Missouri Botanic Garden and 2,000 of the club women were in attendance. The garden presented a handsome appearance. Refreshments were served on the lawn, after which the hostess and her assistant personally conducted the tours through the entire garden and greenhouses, which was a great treat to the visitors. This the ladies considered one of the features of their convention.

Bowling.

Ten members of the Bowling Club rolled three games Monday night. It was too hot for good bowling. The scores:

Team No. 1.	1st.	2d.	3d.	T'l.
J. J. Beneke	172	170	172	514
Theo. Miller	129	172	179	480
F. C. Weber	122	190	155	467
F. M. Ellis	132	131	106	369
Ed Gerlach	95	92	121	308
Totals	650	755	733	2,138
Team No. 2.	1st.	2d.	3d	T'l.
C. A. Kuehn	192	154	155	501
Carl Beyer	158	153	165	471
F. H. Meinhardt	125	151	109	385
O. R. Beneke	147	131	180	458
Fred Weber	132	126	119	377
Totals	749	715	728	2,192
Ladies' Club.	1st.	2d.	3d.	T'l.
Mrs. H. Meinhardt	115	103	140	358
Mrs. F. M. Ellis	93	110	152	355
Mrs. Theo. Miller	118	88	131	337
Mrs. Schutzle	108	116	108	332
Mrs. Carl Beyer	104	107	92	303
Miss B. Meinhardt	99	90	73	262
Miss L. Meinhardt	80	79	78	237
Miss T. Meinhardt	91	72	62	225
Mrs. J. J. Beneke	63	84	66	213
Mrs. F. C. Weber	60	78	64	202
Miss M. Meinhardt	63	77	59	199
Miss B. Gerlach	28	37	106	171
Miss L. Gerlach	21	43	56	120

J. J. B.

PACIFIC COAST.

Elmhurst, Cal.—Paul W. Grallert, who has been located in the nursery business at Colma, is building the largest greenhouses in the state at his property on the Yoakum tract. There are now twelve nurseries located at Elmhurst within the radius of a mile.

The California deciduous fruit season opened April 30, with the shipment of a box of Sacramento valley cherries. The first box was sold in Chicago for $25 or $3.12 a pound. The second sale was made in New York and the figure was $21. The third sale, made in Philadelphia, at auction, was a record breaker, eight pounds of cherries bringing the remarkable price of $70.

Fresno, Cal.—S. W. Marshall, the well-known pioneer nurseryman, has just reorganized his business and has incorporated several new departments. The business, established fifteen years ago, has up to the present time been conducted along the lines of a general nursery. But the local demand for high class ornamental trees and plants has increased so within the last five years that it has been found necessary to expand. Hereafter the company will be prepared to supply all classes of nursery stock, both fruit and ornamental. They are also planning a new range of greenhouses for growing cut flowers for the local trade. As California is fast becoming "the land of beautiful homes," they will also be prepared to execute landscape work of every description, based upon a thorough knowledge of soil and climatic conditions.

SAN FRANCISCO.

The Spring Flower Show.

The third annual spring exhibition of the Pacific Coast Horticultural Society opened May 12. This is not only the finest show ever given by this society from the quantity of exhibits but from a standpoint of quality also. Great credit is due to H. Plath and the board of directors, for certainly there has never been anything like it in San Francisco. The section of the nave of the ferry building in which the exhibits have been placed resembles a beautiful garden and the stands against the walls were piled high with enormous bunches of roses and carnations and everything else in season. The exhibits were in four classes, comprising cut flowers, plants, floral designs and amateur exhibits. The committee to whom credit is due for the excellent arrangement consisted of John McLaren, S. Clack and Geo. Walters. A very fine lot of roses and carnations from John Young, of Berkeley, and exhibited by F. Pelicano, was much admired but they were not entered for competition.

The finest vase of roses in the exhibit was a bunch of Beauties with six-foot stems and flowers to match shown by Ferrari Bros., and the finest single bunch of carnations was a huge vase of Hannah Hobart, from Sievers & Co. This firm also received first prizes for their exhibit of about 100 varieties of pelargoniums and for the best collection of decorative plants staged for effect. P. C. Meyer, of Burlingame, although young in the business, made some of the older growers stare. He captured the first prize for the largest collection of roses grown under glass and also for the largest assortment of carnations. Mr. Meyer and his foreman, Mr. Breen, deserve great credit for their exhibit, which was one of the finest in the show. Ferrari Bros. have a very good assortment of roses grown under glass and their exhibit of irises in about twelve varieties received first prize. Of outdoor grown roses F. Ludemann had the finest collection, consisting of over 200 varieties. Mr. Ludemann also showed a large assortment of palms, ferns and decorative plants. The finest single fern was a magnificent specimen of Adiantum cuneatum with a three-foot crown shown by H. Plath, who also received first prize for his collection of pansies and his exhibit of ferns. The California Nursery Co., of Niles, had a large and comprehensive showing of hardy outdoor flowers. They received first prize for their exhibit of clematis, consisting of about a dozen varieties, also first prize for peonies and second prizes for their exhibits of shrubbery and field-grown roses.

One of the largest and finest exhibits in the show was that of about 100 varieties of sweet peas grown by C. C. Morse & Co., of Santa Clara. Wm. Kettlewell, gardener to Geo. A. Pope, of Burlingame, captured first prize for largest collection of garden flowers as well as prizes for pansies and pelargoniums. J. W. Bagge exhibited the best collection of coleus and a splendid specimen of staghorn fern. Fick & Faber, the Redwood City Carnation Co. and Henry L. Goertzhain also had good collections of carnations and the Vawter Carnation Co. had the only exhibit of outdoor grown flowers. Thos. Thompson exhibited several blooms of the yellow calla and the Leedham Bulb Co., also of Santa Cruz, had a good showing of late flowering bulbs. W. A. Crocker had a large collection of flowering shrubs and the Golden Gate park exhibited two giant bowls of hardy nymphaeas and a fine assortment of ferns, calceolarias, azaleas and stove plants.

The Market.

Flowers at last are a glut. Carnations can be had at any price. I saw forty dozen Flora Hill sold today for $2 and they were good stock. There is a fair price for fancy sorts but for the usual list it is useless to quote any figures. I do not hear many growers complaining about not being able to sell their roses. Most of this stock is good and will continue so until we have a spell of warm weather. Sweet peas are another drug at present; one almost has to pay the florists for taking them. Coreopsis, gaillardias and bachelor's buttons are handled in large quantities and can be had at any price. Japanese irises are being brought in by a few growers and they are good sellers. They keep well and are splendid for decorative purposes. They cost the florists from $3 to $5 per hundred.

The glut will be over in a couple of weeks, however, and then things will in a measure right themselves again. There has been considerable work for school commencements during the past week, and more to follow, but outside of this there is very little doing. Funeral work has been scarce all around and the only thing we have to console us is that Decoration day is near at hand.

Various Notes.

At the monthly meeting of the California State Floral Society, Rudolph Lichtenberg read an interesting paper on the oils and essences to be found in perfume flowers. He said that in the city of Grasse in France, where the largest perfume factories are to be found, over 3,000,000 pounds of rose leaves yearly are consumed in the making of the various perfumes for the trade, the annual sale from these extracts being over $1,000,000. He further explained that there are ninety-seven factories for the production of the essential oils in the United States, only one of which is situated in California which he considered the one land of all others that should lead in this production.

S. W. Marshall, of Fresno, one of the pioneer nurserymen of the coast, is in town.

The Board of Public Works of Oakland has adopted a resolution whereby all the city gardeners will receive a two weeks' vacation each year without any loss of wages. G.

PORTLAND, ORE.

The Market.

There is not much doing in the retail line to enthuse over, in fact it may be said that trade generally is not as active as it was a year ago. Excessive rain in the early season retarded the progress of outdoor work and threw so many out of employment that currency appears to be troubled with poor circulation. Cut flowers of the better grades are still bringing good prices and anything new offered meets with a favorable reception. With stock so plentiful we could easily handle some good decorations, which at this writing are as scarce as Russian naval victories. Pretty Miss Pond Lily has made her debut and as grown here, only in limited quantities, will be deservedly popular for the next six weeks. They retail at $1.50 per dozen. It was only a few years ago that the first plants were brought to the northwest. While flowers are abundant, smilax and asparagus are decidedly scarce, but then we have recourse to the tall timber where is found the beautiful Oregon grape and huckleberry, much used by the florists here in making up large bunches and funeral work. These are preferred by our customers to the common wood fern.

From many inquiries and orders already booked we have reason to expect a big Decoration day trade. From eastern Oregon and Idaho, where the season is late, comes the heaviest demand.

Various Notes.

The plantsmen are through with their rush and satisfied with results. Geraniums and other bedding plants are not so extensively used here as they are in the eastern cities. Everybody has a mania for roses and little protection is needed in our climate. The earlier varieties are already blooming and the middle of June will see them all out in profusion, when our Rose Society expects to give its annual show.

Since Congress has given an appropriation of $500,000 for the Lewis and Clark fair, greater activity is noticed at the fair grounds. Work in every depart-

BURBANK'S EVER-BEARING CRIMSON WINTER RHUBARB

IS THE MOST DELICIOUS VEGETABLE THAT HAS EVER BEEN INTRODUCED.

Plants Set Out Now will Bear Next Winter and Spring. We are Headquarters for this wonderful Rhubarb. PLANTS READY NOW—$10.00 to $15.00 per 100. Express paid. Orders booked for Seeds, autumn delivery. Send for circular and Catalogue of Seeds, Plants and Cactus.

THEODOSIA B. SHEPHERD CO., VENTURA, CALIFORNIA.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost ...	1.20	10.00
White Cloud..	1.00	9.00	Variegated.		
Scarlet.			Armazindy...	0.85	17.00
America	1.00	9.00	Prosperity ...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Mention the Review when you write.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

Mention The Review when you write.

ment is being pushed rapidly, but so far the landscaping has received the most attention. George Atton has the contract to furnish and plant 25,000 plants in variety this month, mostly perennials to be transplanted in the fall.

S. H. Forshaw, of Pendleton, Ore., was a visitor last week. H. J. M.

LOS ANGELES, CAL.

Flowers of every description are very abundant at the present time, the yards are overloaded and the street corners are crowded with petty dealers. People who only grow flowers for a pastime and who have in their yards more flowers than they know what to do with, place them upon the market at whatever they will bring, regardless of the market price, and the result is that very good flowers can be obtained for almost nothing.

Field grown carnations are unusually plentiful and are now selling as low as 50 cents per hundred, wholesale. Centaureas and coreopsis are next in abundance of the cheaper flowers, the former bringing 75 cents and the latter 50 cents per hundred. Ulrich Brunner and Cecil

True Asparagus Plumosus Nanus.

Plants from Flats, $15 per 1000.

Express paid.

California Carnation Company

LOOMIS, CAL.

Mention The Review when you write.

Violet Plants.

Princess of Wales, field-grown, well rooted, delivered at $15.00 per 1000. or $2.00 per 100. Cash with order. Remember we prepay express charges.

OCEAN PARK FLORAL CO.

E. J. VAWTER, President. OCEAN PARK, Cal.

Mention The Review when you write.

Brunner roses find a ready market at $2.50 per dozen and the supply scarce. Maman Cochet roses are bringing 75 cents per dozen, with a plentiful supply on the market. Brides and Maids are now selling for $1 per dozen. Sprengeri sprays are 50 cents per hundred and plumosus from 35 to 50 cents per string. Lilies of the valley are now quoted as low as 35 cents per dozen and sweet peas are only bringing $1.50 per thousand.

Business has been quite brisk during the month of May, due principally to the influx of eastern visitors drawn thither by the world's conference of Methodist Episcopal churches, and also the convention of the Brotherhood of Locomotive Engineers, both of which last the entire month.

E. J. Vawter, president of the Ocean Park Floral Co., has been donating on an average of 2,000 carnations per day to the conference people for distribution at the convention hall and has thrown open to the public the carnation fields at Ocean Park, which now present a sight much appreciated by our eastern friends, and the opportunity to visit these famous fields has been taken advantage of by a great many.

The demand for floral decorations and funeral work seems to be unusually heavy this month, according to the reports of local florists and the dealers in the country towns are also quite active for this time of the year. R. B. H.

THE PROBLEM OF HELP.

Conditions in California.

In your issue of May 5 a writer undertakes to explain the condition of the labor market in California. I have warned my fellow craftsmen before to the effect that there are not "plenty of good places waiting for first-class men at first-class wages."

The fact of a few growers not being able to get competent, reliable help is a fault which they can lay at their own doors. The majority of growers in California expect to get a working foreman for $2 a day and he board and lodge himself out of that $2. Not only has he a certain amount of responsibility on his shoulders, but he has a day's work to do himself, besides seeing that those under him do a day's work. And after the laborers and day men quit at five or six o'clock he starts to look around and see if everything is in shipshape order for the night and if his stock is ready for shipment; if not he has to be out at four o'clock next morning to make up for somebody's fault. By this time it is probably eight or nine o'clock and poor Mr. Foreman says to himself, "Well I guess I'll quit; I think I have done enough for today. I have been at it steady since 6 o'clock this morning all for $2."

He keeps this up for a month or so and then gets tired out, gets disgusted with everything around him and throws up the job. Another man starts in and it is the same thing over again. And my humble opinion is that such will continue to be the case until such time arrives that the services of gardeners, florists and growers are appreciated and they receive better compensation for their labor than $2 a day, or $50 a month and board themselves.

Another mistake the employer very often makes is that when he has a good man and gets the place in running order, then he gets a notion he can cut down expenses for a few months, and Mr. Cheapjohn comes along with a bundle of references and gets a good man's place at about half the wages. The employer thinks he has made a bargain till, after a few weeks, he finds his place and his stock run down and unsalable. Then he cries out that he can't get good help.

The way to solve the problem in this business is to hire good, reliable men, pay good wages and treat your men as men. By doing so, the youth leaving school with a good education will be induced to enter the field of floriculture.

EMPLOYE.

CALLA, O.—Richard L. Templin and his son, Wilbur W. Templin, will engage in business for themselves at Detroit as a result of the reorganization of the L. Templin & Sons Co.

NEW CASTLE, IND.—It is announced that Herbert Heller and Miss Mary Smith will be married June 1 and will make a wedding tour through the east. The groom is a member of the firm of Heller Bros., proprietors of the South Park Floral Co.

BANGOR, MICH.—M. G. McKee, of the Rose Lawn Greenhouses, died March 6. Mrs. McKee and her young son have conducted the place since, but do not feel able to carry it on, and will sell the greenhouses and what remains of the stock after the spring trade is over.

WASHINGTON.

The condition of the market remains about the same as was reported last week, with the exception of a little stir Wednesday and Thursday, which was confined principally to funeral work.

Planting has begun in the public parks and the beds are beginning to assume their spring-like appearance. All the growers of bedding plants are doing a splendid business. Many things are already sold out. Geraniums are now in great demand, as also are heliotropes and verbenas.

The regular meeting of the Florists' Club will be held the first Wednesday in June and it is earnestly requested that all members make a special effort to be present, promptly at eight o'clock.

Captain Ernest had the bowlers out last Wednesday night for practice and some fine scores were made. A good game was rolled between Shaffer and Clark, Shaffer making 222 and Clark 212. Captain Ernest hung up a score of 256 and this will about take the Rathskeller's weekly prize of fifty cigars.

Mr. Green, representing M. Rice & Co., was a recent caller. H. B. L.

In sending a change of advertisement we are pleased to say that our other advertisement in the Review brought us good returns and closed us out of the stock advertised.—Baur Floral Co., Erie, Pa.

Monmouth, Ill.—Thomas Hewitt has been in business here for twenty-eight years and is doing a very fine trade. He now has five greenhouses, two of which were built this season. He has a downtown store under the management of Miss Ann Hewitt.

Paterson, N. J.—Theodor Leonhard states that he is going out of the florists' business. His specialty has been carnations.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By competent grower of roses, carnations and general stock, to take charge; married; fifteen years' experience; state wages; references. Address No. **141**, care Florists' Review, Chicago.

FOR SALE—A well-paying, up-to-date greenhouse establishment, in thriving town with 6 railroads, in Central Indiana natural gas belt; best rose soil in country; a golden opportunity for a florist with small capital. Address No. **142**, care Florists' Review, Chicago.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. C. B. Humphrey, Rome, N. Y.

SITUATION WANTED—As foreman by a first-class grower of cut flowers and plants, capable of managing a large plant and handling help and having the work done in a practical way; a life experience in leading places; first-class references. Address Capable, 1323 Vine st., Philadelphia, Pa.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

WANTED—Help, first-class rose grower to take entire charge rose section; comfortable position, $15 00 weekly, to competent man; locality, suburb of Toronto; references required. Miller & Sons, Bracondale, Canada.

FOR SALE—House of 11 rooms with all modern improvements, small stable, 2 acres of ground and modern three-quarter span greenhouse 20x200; heated with No. 8 brick set Furman hot water boiler (boiler of sufficient capacity to heat another house), all in first-class condition; this property located in Billerica, Mass., can be sold on easy terms; owner would like to sell to first-class violet grower and arrange to take the product of the house. Address Box 15, Billerica, Mass.

FOR SALE—10 acres of good land, together with 4 greenhouses in an up-to-date city; place of business is near cemetery; old age cause of selling; only those who mean business need apply. Address A. Senff, Menominee, Mich.

WANTED—A young man as assistant in greenhouses, must have had experience in general work; be sober and industrious, and able to assist in office at design and floral work; give references and state wages wanted without board. Address No. **134**, care Florists' Review, Chicago.

WANTED—At once, a reliable florist to take full charge of 15,000 feet of glass and capable of growing a general stock of first-class cut flowers and plants for retail store trade; must be sober, honest and good worker; send references and state wages with room and board in first letter. Address Fred. J. King, 220 Madison St., Ottawa, Ill.

FOR SALE—Cheap for cash, a well-paying florist business. 4,000 square ft of glass, in city of 18,000. For particulars, address A. Schoepen, Marietta, O.

FOR SALE—Having decided to change to steam we offer one No. 1 Kroeschell boiler 7 years old, new flues and flue head 1 year ago; one No. 3 Kroeschell boiler almost new; one Phelps Ideal hot water heater, a good cheap heater to put in for safety; six 4-inch gate and angle valves; six 2½ inch gate valves; a large number 2½-inch and 4-inch screw fittings, all good as new; also three closed expansion tanks with safety and air valves. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR SALE—Eight-inch Ericsson gas engine, in good working order; price $50 00, f. o. b. New York; cost $175 00 new. E. B. Edwards, 7 West 107th st., New York City.

SITUATION WANTED—By young man with 10 years' experience in roses, carnations, mums and bedding stock. Address No. **136**, care Florists' Review, Chicago.

WANTED—Management of retail store or position as head designer; experienced; steady; references. Address R. H. No. 458, Normal, Ill.

Situation Wanted

By a designer and decorator, second to none. Can furnish the very best of references as to ability. Am capable of taking entire charge of store. The West preferred. Address No. **140**, care Florists' Review, Chicago.

Situation Wanted

As Manager or Foreman of place of 75,000 feet of glass or more where roses for cut flowers are a specialty.

Address No. **138**, care Florists' Review, Chicago.

FOR SALE OR RENT.

Wishing to retire from business, I offer my splendid place as above, consisting of 8 houses, about 15,000 ft. of glass, with stock and good will, situated on one of Louisville's finest residence streets; everything can be sold at retail directly from the greenhouses; fine large potting shed, from which all houses can be entered; no more conveniently arranged place in the country. Address—

WM. MANN, 1947 Brook St., Louisville, Ky.

FOR SALE

On account of my manager's illness, my Branch Store and Fixtures. Best section of West Thirtieth Street, only three doors from Broadway. Suitable for Wholesale or Retail Florist. A bargain to an immediate purchaser. Write or call on

J. J. PERKINS,

115 W. 30th St., NEW YORK.

PEONIES. The best for DECORATION DAY. Our stock is guaranteed. Order of

Kennicott Bros. Co.

40-44 Randolph St., CHICAGO.

Mention The Review when you write.

Cape Jasmine

Every package examined before shipping. Order of

KENNICOTT BROS. CO.

40-44 Randolph St., CHICAGO.

Mention The Review when you write.

REMERBER THE SIGN at the Milwaukee S. A. F. meeting:—

"When others fail go to

Kennicott Bros. Co.

they will fill your order."

40-44 Randolph Street, -- CHICAGO.

Mention The Review when you write.

WHY? BECAUSE we always prepare ahead and arrange to be there with the goods when others fail.

Order Decoration Day Stock NOW of....

KENNICOTT BROS. CO.,

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

If YOU DON'T WANT TO GET LEFT at the last minute place your order with the oldest commission house in the west

We will have the stock to take care of all **for Decoration Day.**

Kennicott Bros. Co.

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

Those who have not had dealings with us should order their Holiday Stock from us for that is the time to test our ability to fill orders. **KENNICOTT BROS. CO.**

40-44 Randolph Street, - - CHICAGO.

Mention The Review when you write.

Saying and doing are two different things. We don't say much, but we do everything we say.

Order your... **Decoration Day Stock** from us.

Kennicott Bros. Co.,

40-44 Randolph St., CHICAGO.

ANYTHING you want for **Decoration Day** KENNICOTT BROS. CO., Chicago,

—— HAVE IT ——

Mention Review when you write.

WE represent more glass than any other commission dealer. Order Decoration Day Stock from us.

KENNICOTT BROS. CO.,

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

PEONIES from our farm. Special for Decoration Day.

All Peonies guaranteed. **Kennicott Bros. Co.**

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

OPEN ALL DAY SUNDAY, MAY 29.

PEONIES

Wire or phone for what you need for DECORATION DAY.
We have large supplies; red, pink, white, $6 per 100, A1 quality.

Jasmines Supplies the heaviest in years. Quality never better. $1 50 per 100; $10 per 1000.

All other Cut Flowers in season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.
Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
24—36-inch stem	$3.00 to $4.00
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$4.00 to $6.00
Meteors and Gates	4.00 to 6.00
Liberty	4.00 to 10.00
Roses, our selection	3.00
Carnations	2.00 to 3.00
" large and fancy	3.00 to 4.00
Valley	2.00 to 4.00
Poets' Narcissus	1.00 to 1.50
Marguerites	.50 to .75
Forget-Me-Nots	1.00
Yellow Daisies	1.50
Mignonette, per doz., 25c to 50c	
Sweet Peas	1.00
Callas, per doz.	$1.25 to $1.50
Harrisii...per doz.	1.25 to 1.50
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns from storage....1000,	$4.50 .50
" "Snow Birds," 1000,	3.00
Galax.....per 1000,	$1.25 .20
Adiantum	1.00
Smilax .....per doz.,	$2.00.
Leucothoe sprays	1.00

Subject to change without notice.

Mention The Review when you write.

C. W. McKELLAR



Cattleyas.....$6.00 per doz.
Dendrobiums ...$2.00 to 4.00 "
Assorted Orchids, 5.00 to 25.00 per box.

51 Wabash Ave.

ORCHIDS

CHICAGO.

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW THAN EVER. TRY ME.
L. D. Phone Central 3598.

DECORATION DAY Flowers and Greens

OF EVERY DESCRIPTION.

Open all day Sunday, May 29. Phone or telegraph your rush orders if you want prompt service and the best stock that is.

Mention The Review when you write.

BUFFALO.

Various Topics of Interest.

There has been no event of late calling for any special quantity of flowers, but yet a very fair, steady demand, and we are not so much overdone with surplus flowers as is the report from many sister cities. Some real pleasant weather of the last week, all but a little showery, has set everyone thinking of his garden and a very busy time is seen with the market people. There are a great number who must go to market because they can buy cheaper, even if they pay 1 or 2 cents more for a 4-inch geranium than they would at the greenhouse! C. F. Christensen, of Eggertsville, is carting in loads of wonderfully fine zonales and fuchsias and many other plants of the season. Schwert & Bernard, of the Forks, are fast emptying out their usual stock of 25,000 zonale geraniums, and Banner Bros., of Pine Ridge, have crowded houses of bedding plants.

Those are the principal contributors to the market, yet there are lots of others with lesser quantities. We know plants can't be bought cheap on the market from the price these people get for their stock. As we have had occasion to remark before, our people demand a very first class 4-inch geranium and get $1.50 per dozen for them, and other bedding plants, quality and price in proportion. In nearby cities we know of fine geraniums being sold for $1 and even 75

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

DECORATION DAY PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00 to $4 00
24-30-inch stems	2 50 to 3 00
20-inch stems	2 00
15-inch stems	1 50
12-inch stems	1 00
Short stems	50 to 75
Bridesmaids....per 100,	$3 00 to $6 00
Bride "	3 00 to 6 00
Meteor "	3 00 to 7 00

	Per 100
Ivory	$3 00 to $6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good, $2 00; fancy	3 00 to 4 00
Peonies .....per doz.,	$ 75 to $1 00
Cape Jasmines, per 100,	1 50 to 3 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

WRITE, TELEGRAPH, TELEPHONE — WE DO THE REST.

KENNICOTT BROS. CO.

Wholesale Commission Florists,

40-42-44 East Randolph St., CHICAGO, ILL.

DECORATION DAY.

Large Supplies of **PEONIES,** 75c and $1.00 per doz.
These are the popular flowers of the season and the cheapest flowers for the money.

DECORATION DAY PRICE LIST.

	Per doz.		per 100,				per 100,	
American Beauties—		Brides		$4.00 to $6.00	Calla Lilies		$8.00 to	$10.00
Long	$4.00 to $5.00	Maids	"	4.00 to 6.00	Valley	"	2.00 to	4.00
Fair length	3.00 to 3.50	Gates	"	3.00 to 6.00	Daisies	"	.60 to	1.00
Medium	2.00 to 2.50	Perle	"	4.00 to 6.00	Sweet Peas	"	.50 to	1.00
Short	1.00 to 1.50	Carnations—Fancy	"	2.50 to 3.00	Sprengeri	"	2.00 to	4.00
Meteors	per 100, 5.00 to 10.00	" Good average	"	1.50 to 2.00	Adiantum	"	.50 to	.75
Liberties	" 5.00 to 15.00	Harrisii Lilies	"	8.00 to 10.00	Asparagus	per string,	.40 to	.60

A few "Special" Roses billed accordingly. Prices subject to change without notice.

GET YOUR ORDER IN EARLY FOR JASMINE GRANDIFLORA, 25,000 at $1.00 to $1.50 per 100.

cents per dozen. There can't be a living profit in it, not even if you work your wife, children and mother-in-law.

This has been such a strange and peculiar spring that we hardly know where we are at. As noticed by some other correspondent, all classes of the tulips, the early single, the parrot, the late varieties and the Gesneriana, are all together. Peonies never are in with us for Decoration day and won't be this year for a month. How wonderful to hear that they are abundant in Milwaukee and yet won't be out in Long Island! They must have been watering them with that which made Milwaukee famous, heated to a temperature of 175. That's the correct temperature to scald a pig or extract the saccharine matter from the barley.

Lilac will be just right with us and outside valley will be right on top. If some frames and shaded glass are put over valley beds and they are not too old and crowded it comes about as good as the best inside grown. There will be no trouble to save tulips, if cut and kept cool. So altogether we shall get along and if the weather is such as it is this blessed morning, there will be a big business.

How remarkable that almost from every city, big and little, comes the mournful cry of overproduction and low prices. Carnations, 50 cents to $1; roses, $1 to $3 per 100, and in some cases no price at all. This is the continental plaint with one glorious exception. From glorious old Canada comes the report. Toronto says "business is fine, prices have dropped, yet better grades of roses bring $8 and carnations $3," all of which goes to show how necessary it is for us to have a twenty-five per cent protective tariff to keep the low paid Canucks from swamping our market! Saddle River papers please copy.

We glory in that forty-eight out of fifty targets of James Eadie, of Cleveland. Look out Darby Road and Chestnut street, Chestnut Hill and Dayton, O. It will need the inspiration of the Marguerite's ice box to equal that.

That is a dreadful thing we hear from Lynn, Mass., a burglar under a lady florist's bed, and he escaped! We knew a lady who for many years never failed nightly to look beneath the bed to see if there was a man there, but, alas! there never was, and she gave up her search in disgust.

Buffalo has occupied a conspicuous place in the press of the country for the last week because the great lights of the Presbyterian church of the United States are here in annual general assembly. The union of the north and south church is the most exciting topic before them. Since this venerable body decided in convention a few years ago, in Philadelphia, that babies of thirteen weeks would not be toasted for eternity because they had not joined the church, we have felt much more comfortable for the future existence of our neglected offspring. W. S.

HEADQUARTERS for Decoration Day SUPPLIES

"Highest Qualities as well as Under Grades"

Roses, Carnations, PEONIES, Valley, Jasmines,

SWEET PEAS, MARGUERITES, Etc., Etc.

ALL GREEN GOODS.

WE MEET THE MARKET AS TO PRICES.

Our Cut Flower Department will be open on **SUNDAY, MAY 29th,** from 7 a. m. to 6 p. m. Telephone or telegraph at the last moment, we will be prepared to take care of your wants.

E. F. WINTERSON. JOHN P. DEGNAN. L. H. WINTERSON.

E. F. WINTERSON CO.

Successors to McKELLAR & WINTERSON.

45, 47, 49 Wabash Ave., CHICAGO.

Mention The Review when you write.

Hiawatha, Kans.—J. W. Margrave & Co. say that trade is very good this spring but the season is late and cold rains very frequent.

Montpelier, Vt.—H. M. Totman has bought the interest of his partner, F. J. Burnell, and will continue business for his own account.

Scranton, Pa.—W. W. Nash has just completed a very nice order for the planting of the extensive Comstock premises. A large number of flowering shrubs were used.

Reading, Pa.—Lee H. Keller, formerly of New York, is remodeling the store at 636 Penn street and will open it shortly as a first-class cut flower store. A conservatory is being built in the rear.

High Grade Flowers
for June Weddings and Commencements

SWEET PEAS,

ORCHIDS, VALLEY, GARDENIAS.

Samuel S. Pennock

Fancy Beauties,

NOVELTY RIBBONS, etc.

Wild Smilax.

1612-18 Ludlow St.

THE Wholesale Florist

OF PHILADELPHIA

Telegraph your orders to PETER

REINBERG

A Big Supply for Decoration Day.

51 Wabash Ave., CHICAGO.

PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.

P. & D. AT COST

BEAUTIES:	Per doz.
36-inch and up	$3.00 to $4.00
24-30-inch	2.50 to 3.00
20-inch	2.00
15-inch	1.50
12-inch	1.00
Short stems	.75

	Per 100
BRIDE	$3.00 to $6.00
BRIDESMAID	3.00 to 6.00
METEOR	$3.00 to $6.00
LIBERTY, select	8.00 to 10.00
" seconds	4.00 to 6.00
GOLDEN GATE	3.00 to 6.00
SUNRISE	4.00 to 7.00
CHATENAY, select	8.00 to 10.00
" seconds	4.00 to 6.00
CARNATIONS	2.00 to 3.00

CAPE JASMINES, $1.50 to $2.50 per 100. PEONIES, 75c to $1.00 per doz.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

ENGLISH seedsmen are offering Lilium Harrisii, African grown.

THIS year's turnip seed crop on the Pacific coast is reported a failure.

THE Page Seed Co., Greene, N. Y., will nearly double its facilities before another season.

THE Western Seed and Irrigation Co. is reported as contemplating an early addition to its plant at Fremont, Neb.

SEEDING for onion sets is completed. The early plantings show a fair stand, but the later plantings promise to be the best.

FIELD corn is about cleaned up; $2 to $2.50 per bushel has been paid for Pride of the North, and other good early kinds.

IN a number of recently protested cases the General Appraisers have held that canary seed is not free of duty as grass seed.

VISITED NEW YORK.—Louis Goeppinger, on his annual tour. His firm is now Piegnaux & Lorin, successors to Louis Leroy.

SEED sweet corn is in brisk demand, and where the seller is reasonably sure of his stock the purchaser puts up a good stiff figure for what he needs of it.

AMONG the few displays of seeds from the south is one from the Ullathorne Seed Co., of Memphis, in the Tennessee building at the St. Louis World's Fair.

KNUD GUNDERSTRUP succeeds P. F. Thomsen, who for a number of years has conducted a seed business at Jefferson Park, Ill. The business will be continued along the same lines.

THE Massachusetts legislature, May 23, passed a law forbidding the payment or acceptance of a commission where an employe acts as a purchasing agent, the penalty for so doing being a fine of from $10 to $500.

REPORTS from Louisville, Ky., put the acreage of onion sets this year at somewhat less than a year ago. In places a fairly good stand is reported, while in others the stand is poor and on the whole the season is two weeks behind, with the outlook for a good crop not encouraging.

REPORTS from the pea growing districts of Wisconsin and Michigan are encouraging. As a rule the stand and prospect is equal to last year's at same date. At some of the points well north crops are planted, but not yet up, conditions favorable for quick growth, however.

IT is usual at this time of the year to see plenty of home-grown green stuff on the Chicago market. This year there is nothing so far and it will likely be some time before the market gardeners will realize anything from this year's product. It is needless to say that this has a great deal of effect upon the seedsmen's profits.

SEED TRADE CONVENTION.

The American Seed Trade Association will hold its twenty-second annual convention at the Forest Park University Hotel, St. Louis, June 21 to 23. Secretary Kendel has just issued a very neatly printed program of papers and discussions, as follows:

"Points of Interest for Seedsmen at St. Louis," by H. M. Schisler, of the Schisler-Cornelli Seed Co., St. Louis.

"Points of Interest Pertaining to Seeds and Seed Growing in the State of Washington," by E. F. Bogardus, Lilly, Bogardus & Co., Seattle, Wash.

"Irrigation in the West and Its Possibilities," by George H. Maxwell.

"The Middle West as a Seed Producing Section; Varieties Most Profitably Grown," by Mel. L. Webster, Independence, Ia.

"Breeding of Field Corn for Increase in Yield," by Frank H. Funk, of Funk Bros. Seed Co., Bloomington, Ill.

"Soil Innoculation, or the Innoculation of Legumes to Insure the Formation of Nodules," by George T. Moore, U. S. Department of Agriculture, Washington.

"Trial Grounds and their Necessity to Seedsmen," by E. D. Darlington, of W. Atlee Burpee & Co., Philadelphia.

"Ideals in Seed Growing," by W. W. Tracey, Sr., U. S. Department of Agriculture, Washington.

"Difficulties of the Present Contract System; Is there a Remedy?" by J. C. Vaughan, Chicago.

Fire Insurance Expenditure; What Loss Experience Teaches," by Albert McCullough, of J. M. McCullough's Sons, Cincinnati.

It will be readily seen that the subjects and the standing of the speakers presages a session which for practical interest has had no equal in the history of the association and a large attendance is assured.

CORN TO PLANT.

In the Yearbook of the Department of Agriculture for 1902, in discussing corn breeding, C. P. Hartley states that butts and tips should be rejected when shelling for seed. Replying to an inquiry Mr. Hartley writes:

Our reasons for recommending that seed ears be nubbed, which signifies the removal of the ill shaped kernels at both ends of the ears, are two-fold. First, the butts of the ears very frequently contain large, misshapen kernels caused, perhaps, by the pressure of the husk at this point, while the tips of the ears often contain misshapen kernels, some of which are frequently very small. If such kernels be included with the seed no corn planter will drop it evenly. This reason in itself is quite sufficient to warrant the discarding of such kernels, as an even stand is of much importance in obtaining a good yield.

Second, we have conducted experiments which have demonstrated that the planting of these small and ill-shaped kernels results in a crop containing a greater per cent of feeble and unproductive stalks. In demonstrating this the kernels from the two extremities of the ears were planted in one patch and in the adjoining patch the well-shaped kernels from the middle portions of the same ears were planted. Counts of the stalks and estimates as to the per cent of feeble and unproductive stalks was much in favor of the patch planted with the well shaped kernels.

These results were perhaps due to the small and weak kernels, which were found to the greatest extent at the apex of the ears. At this part of the ear there are often kernels so very small and poorly developed that if they germinate at all they are sure to produce weak plants.

There have been experiments conducted in Ohio, Kansas and Georgia comparing the kernels from the apecal third, the middle third and the butt third of seed ears. Such experiments have shown for the most part that there is very little difference regarding these portions of the ear.

This, however, is not contradictory to the recommendations given regarding the discarding of the small and poorly shaped kernels at the extremities of the ears. If the parentage of the kernels be identical we believe that the location of the kernels on the cob is a matter of no importance, providing the kernels are equally mature and equally well developed. As the kernels on the butts of the ears are the first to form, it may often happen that the kernels at the tips of the ears are less matured and may be injured by weather conditions that do not so seriously affect the more mature kernels at the butt portions of the ears.

OBITUARY.

Hugh Dickson.

We regret to learn of the death of Mr. Hugh Dickson, of the Royal Nurseries, Belfast, Ireland, on May 5, at the age of 70. Mr. Dickson has been in delicate health for the past twelve months, but continued to attend to his duties to the last. He was in the nurseries, giving some directions to one of his employes, when he fainted without warning. The doctor was summoned, but within five minutes he breathed his last. The cause was pronounced to be heart failure.

Mr. Dickson was an enthusiastic rosarian, and sent his roses to the leading shows, not only in Ireland, but to England and Scotland, where he secured many triumphs. He was also well known to the fraternity. His daintily gotten up rose catalogue for 1903 contained a colored plate of a new hybrid perpetual rose named Hugh Dickson, which is claimed to be the most valuable addition that has been made to the class for many years. The cupped blooms are of a brilliant crimson shaded with scarlet, and open well in all weathers. This will now serve to perpetuate his memory.—Gardening World.

LILY OF THE VALLEY PIPS
FROM COLD STORAGE
In original cases of 500, 1,000 and 2,500. Prices on application.
CHAS. F. MEYER, 99 WARREN ST. **NEW YORK**
Mention The Review when you write.

LILY OF THE VALLEY COLD STORAGE
EXTRA SELECTED PIPS for delivery from now on through the Summer and Autumn, **Per 1000, $15 00**
LORRAINE BEGONIAS, Healthy Stock, 2¼-inch pots, immediate delivery, per doz., $3.00; per 100, $22.50; per 1000, $200.00. June-August delivery, per doz., $2.00; 100, $15.00; 1000, $140.00
ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**
Mention The Review when you write.

Primula Seed

THE VERY FINEST SELECTED STRAIN.

ALBA MAGNIFICA, white,	50c	per packet.
RUBY QUEEN	50c	"
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THE BRIDE	50c	"
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PINK BEAUTY	50c	"
ROSE QUEEN	50c	"
BLUE GEM	50c	"

All our Primula Seed is sold in sealed packets only and contain 150 seeds.



Cineraria Seed

S. & W. CO.'S GIANT PRIZE STRAIN,
Per pkt. (500 seeds), 50c; per 1-64 oz., $2.00

CINERARIA GRANDIFLORA,
Large flowered, prize varieties, splendid mixed, per 500 seeds $1.00
Per 1-64 oz. 3.00

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Per packet ..... 25c; per oz., 75c

CANDYTUFT EMPRESS,
Per packet ..... 10c; per oz., 25c

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

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We are now prepared to quote
LILIUM HARRISII,
LILIUM LONGIFLORUM,
DUTCH HYACINTHS
and other Bulbs for florists. Send for prices, stating kinds and quantities required.

ASPARAGUS PLUMOSUS NANUS,
$1.00 per 100; $7.00 per 1000.

CYCAS REVOLUTA STEMS, per case of 300 lbs. at 6c per lb.; broken cases at 8c per lb. The stems run from 1 to 5 lbs. each.

J. M. THORBURN & CO.

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CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.
Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.
Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest CUT VALLEY.

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

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Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

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12 and 13 Faneuil Hall Square, BOSTON.

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Our Primulas Excel.

Give our seed careful culture and you will be convinced Our famous strain has been developed after years of diligent cultivation. We recommend our C. & C. CEED

Calceolaria

Hybrida Grandiflora, C. Hybrida Grandiflora Compacta, James' Superb Strain, 60c per ½ trade packet, $1.00 per trade packet. C. Rugosa (Shrubby), 34c packet, small.

Cineraria

Grandiflora prize, blue, crimson, white, dwarf, mixed, medium tall mixed, 60c ½ trade packet, $1.00 trade packet. James' Giant Strain, mixed, same price as above. Choice mixed Hybrids, ½ trade packet, 30c; trade packet, 50c. Double mixed, ½ trade packet, 60c; trade packet, $1.00. Sutton's Stellata (Star Cineraria), original packet, 60c. Stellata hybrida, original packet, $1.00. Maritima Candidissima, white leaved, trade packet, 10c; 1 ounce, 25c.

HENRY F. MICHELL CO., 1018 Market St., Philadelphia.

Mention The Review when you write.

CLEARANCE —SALE— Gloxinias

At ⅓ Regular Prices.

GIANT FLOWERNG——Five Separate Colors.

If you can use them this is your opportunity. The quality is the best obtainable, and in excellent condition.

	Per doz.	Per 100	Per 1000
SPLENDID MIXED, all colors	30c	$1.75	$16.00
GIANT FLOWERING, red, pink, blue, spotted and white	40c	3.00	28.00

See our BULB OFFER in last week's Review.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

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CUSHMAN'S HYBRID 1904 GLADIOLUS BULBS

AT PRACTICAL LIVING PRICES

Our Bulbs are not better than the best, but better than the rest. Try them; $5.00 per thousand for fine blooming size. Light mixture

CUSHMAN GLADIOLUS CO., SYLVANIA, O.

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Lawn Grass Seed in bulk and packages





PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Mention The Review when you write.

Burpee's Seeds Grow

Mention the Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

JAS. M. BURCH, for many years proprietor of the King Nursery, Stanford, Ind., died May 8, of pneumonia after only four days' illness.

THE Great Western Railway has ordered large quantities of evergreens from nurseries in Iowa and will plant them along the right of way as snowbreaks.

THE American Peony Society will hold its annual meeting in connection with the exhibition of the New York Horticultural Society June 8 to 9, at Bronx Park Botanic Garden.

G. H. HUBER, the nursery agent of Petoskey, Mich., has sold seventeen car loads of stock this spring. The principal item is 68,000 peach trees. It has all been planted in northern Michigan.

E. S. WELCH, Shenandoah, Ia., writes: "Our season's business has been up to expectations in most lines and shows a satisfactory increase over last year, besides cleaning up closer. Almost everything being in storage and with our exceptional shipping facilities, side track and electric lighted buildings we were able to handle all shipments promptly in any kind of weather. Our trade on ornamentals continues to improve and we are planting still heavier for the future. Have made our usual large plant in other lines. Trade for next year is promising and prospects are good in this section for a large fruit crop. Our surplus this spring was mostly small grade fruit trees. The shipping season has continued very late on account of the backward spring."

AUGUSTA, GA.

The past season has been a very satisfactory one with the nurserymen and florists in this section. The demand for hardy ornamentals is largely on the increase. The demand for bedding plants has been gradually falling off for several years, as the majority of the people desire hardy shrubs. In this congenial climate we have an immense lot of these plants, and by judicious selections, quantities of bloom can be had from March until November. The demand for bulbs, such as hyacinths, narcissi and tulips, is growing rapidly. The cut flower business is growing, and good stock brings remunerative prices, roses, carnations, chrysanthemums and violets being the leaders in the order named. Palms, fancy-leaved caladiums and grafted oranges are in good demand. Cannas have had their day. All nursery stock is pretty well cleaned up, but many nurserymen were caught late in the season on peaches; there was an over-production and many orders were countermanded; some buyers lost their heads and overbought. This promises to be a great year for the peach orchards in Georgia. This state will break it's record this year. The peach crop is estimated at 3,000 cars; that will mean some lively hustling during June and July.

L. A. BERCKMANS.

EVERY FLORIST and NURSERYMAN NEEDS THEM

JUST RECEIVED.

250,000 JAPANESE

Bamboo Plant Stakes.

Just the right size for staking carnations, chrysanthemums, geraniums, roses, etc., etc.

5 feet and over, ¼ to ⅜-inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜-inch, per 500, $3.25; per 1000, $6.00; per 2000, $11.00.

FRESH CYCAS STEMS, assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.), $18.00.

FERN BALLS, 5-inch per 100, $12.00.

FOSTITE (Death to Mildew). Prevents and checks **Carnation Rust, Mildew on Roses,** Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

VAN NAMEN'S EXCELSIOR HOLLAND CABBAGE SEED.

Late, large, round, solid white heads. One pound has produced $250.00 worth of cabbages. Pkt., 25c; ¼ lb., 75c; lb., $2.00. Highly recommended by all who have sown this seed.

Cash with order please.

C. H. JOOSTEN

IMPORTER -- 201 West Street -- NEW YORK.

Mention The Review when you write.

H. P. ROSES Fine 2-year, field-grown plants. Gen. Jacqueminot, La France, etc., leading sorts, 12c; Crimson Rambler, 2-year, strong, 12c; C. Rambler, XXX, 20c. Large flowered Clematis, best purple, white, lavender and red sorts, 2-year, 18c; 1-year, strong, 9c. Golden Glow, strong roots, 5c. Perennial Phlox, best sorts, 10c. Pæonias, 12c. Hydrangea Pan. Grand., fine bushy plants, 8c; tree-shaped specimens, 25c. Other fine 2-year shrubs, Deutzias, Spiræas, Weigelias, Snowball, Honeysuckle, etc., 10c. Packing light as consistent with safety and free for cash with the order. Fruit and ornamental trees, etc. Prices on application.

W. H. SALTER, Rochester, N. Y.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft.,	$25.00	per 1000.
Strong, 2 to 2½ ft.	20.00	"
1000 Coreopsis, strong clumps	4.00	per 100.
Achillea The Pearl, strong clumps.	6.00	"
Gaillardia Grandiflora, clumps	5.00	"
Golden Glow, strong clumps	2.50	"
Helianthus Maximiliani	2.50	"
Roseum	3.00	"

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.
Ask for prices. Catalogue free on demand. No agents.

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PEONIES and Hardy Ornamental Stock

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Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

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Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ **UNEQUALLED FACILITIES**

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

ESTHERVILLE, IA.—The M. E. Jehu place, which was almost destroyed by fire last winter, is being rebuilt.

CHARLOTTE, N. C.—Thomas W. Long has two connected houses, each 34x100, in course of erection.

LEO NIESSEN.

For JUNE WEDDINGS and COMMENCEMENTS
BEAUTIES AND VALLEY

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

CHARLES F. EDGAR & CO.,

Specialties: Cape Jasmine, Carnations and Peonies

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

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CARNATIONS, ROSES, SWEET PEAS. **EUGENE BERNHEIMER**

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"Highest Qualities" as well as "Under Grades"

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WE CAN AND WILL SUPPLY YOUR

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TO ADVANTAGE.

Headquarters for "Superior Qua'ity" Brand

Wild Smilax (None Better) Galax, Fancy Ferns, Etc.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.,

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Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

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For Boston and Piersonii Ferns, Asparagus Plumosus and Sprengeri, all sizes, from 2½ to 10 inch. Write

GEO. A. KUHL, Pekin, Ill.

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YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

Wholesale Cut Flower Prices.

Philadelphia, May 23.

		Per doz.
Beauties,	Specials	$2.00 to $3.00
"	Extra	1.50
"	No. 1	1 00
"	Shorts	.75
Queen of Edgely,	Specials	1.50 to 2 50
" "	Medium	1 00
" "	Shorts	.75
		Per 100
Bride and Bridesmaid,	No. 1	5.00 to 8.00
" "	No. 2	2 00 to 3.00
Golden Gate,	Firsts	5 00 to 8.00
"	Seconds	2 00 to 3.00
Kaiserin,	Firsts	5.00 to 8.00
"	Seconds	2 00 to 3 00
Liberty,	Firsts	8 00 to 15.00
"	Seconds	2.00 to 6.00
Meteor,	Firsts	4.00 to 6.00
"	Seconds	2.00 to 3.00
Perle		2.00 to 4.00
Sunrise		2 00 to 5.00
Orchids		50.00
Carnations,	Commons	1.50 to 2.00
"	Fancies, all colors	2 50 to 3.00
"	Prosperity	3 00 to 4.00
"	Enchantress	3 00 to 4.00
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	35.00 to 50.00
" "	Sprays	35 00 to 50.00
Callas		5.00 to 10.00
Daisies		.50 to 1.00
Lilium Longiflorum		6 00 to 10.00
Lily of the Valley		2.00 to 5.00
Peonies		6.00 to 8.00
Smilax		12 00 to 15.00
Sweet Peas		.50 to 1.00
Tulips		2.00
Gardenias	per doz.	.75 to 1.00
Jasmine		1 50
"	per 100	12.50

HUNTINGTON, PA.—J. E. Swivel has sold out to J. S. Seal, who will continue the business as the Huntingdon Greenhouses, with A. H. Hancker as manager.

SPRINGFIELD, ILL.—A. C. Canfield met with a painful accident May 16 when, in jumping from a bench in a greenhouse he alighted upon a nail which penetrated his foot quite deeply.

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in CUT FLOWERS

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Daisies, Sweet Peas.

1432 South Penn Square, Philadelphia.

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PEDESTAL GROWN

Pandanus Veitchii,

12-inch pots, $6.00 each.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

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ROSES

High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

ORCHIDS.

Arrived in **perfect** condition—Cattleya Mossiae, C. Labiata, C. Trianae, Laelia Crispa, L. Anceps, Oncidium Varicosum Rogersii, O. Crispum, and many more. Write for prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

Always Mention the....

Florists' Review

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Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

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Charles Millang, 50 W. 29th St. **New York**

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
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Moore, Hentz & Nash
Wholesale Florists.
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NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**
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BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., Tel. 854 Madison Sq., **NEW YORK CITY.**
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
Mention The Review when you write.

A. J. FELLOURIS,

Wholesale and Retail Dealer in all kinds of
EVERGREENS.

GALAX, Bronze or Green, **$1.00** per 1000.
FERNS, Fancy, **$2.00** per 1000. Dagger, **1.25** "
468 Sixth Avenue, NEW YORK
Between 28th and 29th Streets.
Telephone 1431 Madison Square.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, May 25.

		Per 100
Beauties, Specials	$12.00 to	$20.00
" Extra	6.00 to	8.00
" No. 1	3.00 to	5.00
" Shorts	1.00 to	2.00
Brides and Maids, Specials	3.00 to	4.00
" " Extra	1.00 to	2.00
" " No. 1	.50 to	1.00
" " No. 2		.50
Golden Gate	1.00 to	4.00
Jacqueminot	2.00 to	15.00
Meteor	1.00 to	3.00
Orchids, Cattleyas	30.00 to	50.00
Carnations, Common	.25 to	.50
" Selects	.75 to	1.00
" Fancies	1.00 to	2.00
" Novelties	2.00 to	3.00
Adiantum Cuneatum	.25 to	.50
" Croweanum		1.25
Asparagus Plumosus, strings	25.00 to	50.00
Callas	3.00 to	5.00
Daisies	1.00 to	2.00
Gladioli	8.00 to	12.00
Lilac per bunch	.10 to	.35
Lilium Harrisii	3.00 to	4.00
Lily of the Valley	.50 to	2.00
Mignonette	.25 to	2.00
Narcissus	.10 to	.50
Pansies per bunch	.02 to	.05
Smilax	6.00 to	12.00
Stocks per bunch	.10 to	.20
Sweet Peas " "	.01 to	.05
Tulips	.50 to	1.00

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

BLACKINTON, MASS.—George H. Phelps has been very ill for many weeks. He is in the hospital and his early recovery is hoped for.

FALL RIVER, MASS.—Florist George Smith sued Undertaker James E. Watson on a disputed account and received a judgment for $31.75.

GREAT NECK, N. Y.—On the afternoon of May 12 fire destroyed the boiler shed at the George Matthews place and damaged two adjoining greenhouses to the extent of $500; no insurance.

CHRYSANTHEMUMS ROOTED CUTTINGS
Col. Appleton, Glory Pacific, Polly Rose, Bonnaffon, Jerome Jones, W. Yellow Monarch, White Ivory, $1.25 per 100; $10.00 per 1000.
Cash with order.
H. STAHLHUT, N. E. Cor. New Lots Rd. & Sheperd Av., Brooklyn, N Y.

B. S. SLINN, JR. WALTER HUGHES
SLINN & HUGHES
WHOLESALE FLORISTS
Coogan Bldg., 55-57 W. 26th St., Telephone 3864 Madison Sq. **NEW YORK**
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GENERAL MANAGER
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122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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Decoration Day
is soon past, and you begin to think it is time to throw out those old roses. Remember, anything you need in that line for planting at once, can be had by writing
GEO. A. KUHL, Pekin, Ill.
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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, May 25.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	6.00 to 8.00
" Shorts	4.00
Brides and Maids, Specials	8.00
" " " Extra	5.00 to 6.00
" " " No. 1	3.00 to 4.00
" " " No. 2	1.00 to 2.00
Cusin	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 12.00
Carnations, Common	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
" Novelties	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	6.00 to 8.00
Daisies	.50 to 2.00
Gladioli	10.00 to 15.00
Lilium Longiflorum	6.00 to 10.00
Lily of the Valley	1.00 to 4.00
Mignonette	1.00 to 1.50
Narcissus	1.00
Pansies	.10 to .20
Peonies	5.00 to 8.00
Smilax	12.00 to 20.00
Candy Tuft	1.50 to 2.00
Stocks	1.50 to 2.00
Sweet Peas	.25 to 1.00

BUTTED GLASS.

I see a query from a glazier who wants to know how much putty will be required in bedding 12,000 feet of butted glass, 14x16. The answer to this is given in a contemporary at 400 pounds, with some variations according to quality of glass, care in work, etc. Now I really believe, although it is no business of mine, that the honorable professor who answered the question has had no experience with butted glass, else his emphatic reply would have been: "If you intend to butt your glass you do not need an ounce of putty." I don't want to defend butted glass, although there are many large and very successful places which use no other method. I would only wish to say now that I don't like to see any brother florist or beginner so misled. Butted glass laid in putty is a horrible and dismal failure. You are destroying the several principles of merit and advantage which butted glass, when correctly laid, possesses. Banish putty or lap your glass. W. S.

N. LECAKES & CO.

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Tel. No. 1214 Madison Sq. and 53 W. 28th St.



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GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

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BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

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Lily of the Valley

of good quality always on hand.

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(Where Quality is First Consideration.) Write, Wire or Phone the Introducers.

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Commercial Violet Culture.

BY B. T. GALLOWAY.

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Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., Chicago.

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Wholesale Cut Flower Prices.

Chicago, May 25.

	Per doz.
Beauties, Long stems	$4.00
" 30-inch "	3.00
" 24 "	2.50
" 20 "	2.00
" 15 "	1.50
" 12 "	1.00
" Shorts, per 100	$4.00 to 6.00
	Per 100
Bridesmaids, Specials	$5.00 to $ 8.00
" Firsts	3.00 to 4.00
Brides, Specials	5.00 to 8.00
" Firsts	3.00 to 4.00
Liberty, Specials	8.00 to 10.00
" Firsts	4.00 to 6.00
Golden Gate, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Meteor, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Mme. Chatenay, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Ivory, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Sunrise, Firsts	8.00
" Seconds	3.00 to 6.00
Perles, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Carnot	5.00 to 8.00
La France	5.00 to 8.00
Kaiserin	5.00 to 8.00
Carnations, Fancy	3.00 to 4.00
" Common	1.50 to 2.00
Cape Jasmines	.50 to 1.50
Peonies, per doz.	.60 to 1.00
Gladiolus, per doz.	1.50
Tulips	2.00 to 5.00
Pansies	.20 to .75
Mignonette, doz.	.50 to .75
Poets Narcissus	1.00
Sweet Peas	.50 to 1.00
Easter lilies, $1.00 to $1.50 per doz.	
Callas, $1.00 to $1.25 per doz.	
Valley	2.00 to 4.00
Asparagus strings	40.00 to 50.00
" sprays, per bunch	.35 to .50
" Sprengeri	3.00 to 6.00
Smilax, per dozen	2.00
Galax, per 1000	1.25
Ferns, per 1000	2.00 to 4.50

GARRETTFORD, PA.—David Anderson has begun a suit for $10,000 damages against a Dr. Tait for the alienation of his wife's affections.

GALION, O.—Jacob Reusch, the well known gardener, died suddenly, May 17, aged 76 years. He was about the place a few hours before his death.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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To Cut Flower Growers:
Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.
CALL ON OR ADDRESS PERCY JONES, Manager.

PERCY JONES
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STANDING ORDERS SOLICITED.
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SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
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Roses and Carnations A Specialty.....
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

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FLORAL COMPANY,
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Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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Wholesale Grower of....Cut Flowers.
Special attention given to Hardy Cut FERNS.
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DECORATE WITH OUR FLOWERS. We Offer Showy **PEONIES, LILIES, ETC.**

Also ORANGE BLOSSOMS, GARDENIAS, SWEET PEAS, Etc.

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE. WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

Mention Review when you write. Send for Weekly Price List.

Wholesale Cut Flower Prices.

Milwaukee, May 25.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	10.00 to 15.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	7.00
" " Extra	6.00
" " No. 1	5.00
" " No. 2	4.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	8.00 to 12.00
Meteors	4.00 to 6.00
Perle	4.00 to 6.00
Carnations, Selects	2.00
" Fancies	3.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 4.00
" Sprengeri "	2.00 to 4.00
Daisies	.50
Lilium Longiflorum	6.00 to 8.00
Lily of the Valley	2.00 to 3.00
Mignonette	2.00
Smilax	18.00
Sweet Peas	.50
Tulips	2.00

CHRYSANTHEMUM SOCIETY.

White Maud Dean.

The advertisements and notices concerning the variety White Maud Dean now appearing in the trade papers, bring to mind the fact that on November 26, 1898, John Lewis Childs, of Floral Park, N. Y., exhibited the Chrysanthemum White Maud Dean before the New York committee of the C. S. A. and the variety scored eighty-five points. It was described as a sport from Maud Dean, white with occasional pink shadings, and was granted certificate No. 164.

The white sport from Maud Dean now being offered to the trade may be a variety entirely distinct from the one shown by John Lewis Childs, in 1898, but the new sport has never been placed before a committee of the C. S. A., hence it is impossible to say whether or not they are identical.

FRED H. LEMON, Sec'y.

Wholesale Cut Flowers Florists' Supplies

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MILWAUKEE, WIS.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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WHOLESALE FLORIST,

1402 Pine Street,

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Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

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GALAX LEAVES.

Brilliant Bronze or Green, selected stock, $1.00 per 1000; $3.75 per 5,000.

Leucothoe Sprays, assorted sizes, $1.00 per 100. Fancy or Dagger Ferns. Cycas Leaves and all kinds of Florists' supplies at lowest market prices.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. New York

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500,000 Galax

BRONZE or GREEN, 75c per 1000.

CUT FLOWERS DIRECT FROM THE GROWER.

Florists' Supplies.

WIRE WORK.

WM. MURPHY,

128 E. Third St. L. D. Phone 980 M. CINCINNATI, O.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, May 25

	Per 100
Beauties, Specials	$2.50 to $3.00
" Extra	1.00 to 1.50
" No. 1	.75 to 1.00
" Shorts	.50 to .60
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Carnot	5.00 to 8.00
Golden Gate	5.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	3.00 to 5.00
Meteor	3.00 to 5.00
Perle	3.00 to 4.00
Sunrise	3.00 to 4.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Callas	6.00 to 8.00
Daisies	.35 to .50
Gladiolus	3.00 to 4.00
Lilac	3.00 to 4.00
Lilium Harrisii	8.00 to 10.00
Lily of the Valley	1.50 to 3.00
Pansies	.25 to .50
Peonies	4.00 to 5.00
Smilax	15.00 to 25.00
Sweet Peas	.50 to .75

Cincinnati, May 25.

	Per 100
Beauties, Specials	$35.00
" Extra	$20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00 to 3.00
Cusin	2.00 to 5.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 3.00
Meteor	2.00 to 6.00
Perle	2.00 to 4.00
Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Selects	1.50 to 2.00
" Fancies	3.00 to 4.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	50.00 to 75.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	6.00 to 8.00
Daisies	.35 to .50
Lilium Longiflorum	6.00 to 10.00
Lily of the Valley	2.00 to 4.00
Smilax	15.00 to 20.00
Stocks	2.00 to 4.00
Sweet Peas	.50 to .75

OKLAHOMA CITY, OKLA.—Mr. Stiles, at the Opera House Flower Store, did a nice business on the U. C. T. ball May 13. He used 300 Beauties, 500 roses and 2,000 carnations.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.

Telephone Calls: 340 and 341 38th Street.

YOUNG & NUGENT, 42 WEST 28TH STREET, Tel. 2065 Madison Square. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town FLORISTS for STEAMERS, COMMENCEMENTS, RECEPTIONS, etc., receive immediate and careful attention.

Satisfaction Guaranteed. Telegraph, Telephone or Write Us. Satisfaction Guaranteed

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227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

M. WEILAND,

602 Davis St., EVANSTON, ILL.

Suburb of Chicago.

Out-of-town orders of all kinds given careful and prompt attention.

Long distance phone, Evanston 56.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 3478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

M. A. Bowe

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IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

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Tel. 192 Riverside,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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434 Boylston Street,

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ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,

522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

T. J. Johnston,

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WASHINGTON, D. C.

Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

HUGH GRAHAM, PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

June Weddings and Commencements

Give you an opportunity to display your taste in arranging baskets. **We have all the pretty new and standard styles.** Let us send you a sample order of our selection at once, they will help you to please your customers and will yield good returns.

Send for Catalogue to the largest Florists' Supply House in America.

H. Bayersdorfer & Co., 50-56 North 4th Street, **Philadelphia, Pa.**

RETAIL FLORISTS.
(CONTINUED.)

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FflorISTS,
1610 to 1620 N. Illinois St., **Indianapolis, Ind.**

WM. SCOTT CO.
Main and Balcom Sts.
Buffalo, N. Y.

J. J. BENEKE,
1220 Olive Street, **ST. LOUIS, MO.**

Shibeley The Florist,
311 SUTTER ST., **SAN FRANCISCO, CAL.**

A Prosperous Florist is Never Idle

Geraniums—Mme. Thibaut (double pink), La Favorite (double white), S. A. Nutt (double crimson), out of 4-inch pots, at $7.00 per 100.
Ageratums—(Blue), 4-inch pots, $6.00 per 100; 3-inch pots, $5.00 per 100.
Begonia—Vernon and Erfordii, 4-inch pots, $7.00 per 100.
Heliotropes—(Blue) 4 inch pots $6.00 per 100
Hermosa and Hybrid Roses—4-inch pots, $10.00 per 100.
Hardy or English Ivies—4-inch pots, $10.00 per 100; 3-inch, $7.00 per 100; 2½-inch, $5.00 per 100.
Cobaea Scandens—4-inch, strong, $6.00 per 100.
Begonia—Tuberous rooted, 5½-inch pots, in bloom and bud, $2.50 per doz.
Pres. Carnot and other mixed varieties, very strong, 5½-inch pots, $2.00 per doz.
Fuchsias—5 inch pots, $1.50 per doz.
Hydrangea Otaksa—For out-door planting, 6-inch pots, $3.00 per doz.
Small plants, out of 2½-inch pots, $3.00 per doz.: Petunia (California Giant) and Inimitable Dwarf, Phlox Drummondii Giganteum, Verbeneas, Sweet Alyssum (Little Gem), Lobelias, Tradescantia, Pyrethrum (Golden Feather), Alternantheras, Dusty Miller, and Coleus Verschaffeltii, Golden Bedder and Firebrand.
☞ Watch "ad." for **Araucarias, Palms** and **Ficus** in about three weeks. Please send cash with orders. All goods travel at purchaser's risk. My best thanks to my customers for their liberal patronage at Easter.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Mention The Review when you write.

All Flowers in Season order of
KENNICOTT BROS. CO.,
40-44 Randolph Street, - - CHICAGO.
Mention The Review when you write.

ROSE PLANTS
Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker.
$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$6.00	$50.00
La France	4.00	35.00
Sunrise	5.00	40.00
Am. Beauty	6.00	50.00
Kaiserin	3.00	25.00
Liberty	5.00	40.00
Bride	3.00	25.00
Maid	3.00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00

2-YEAR-OLD PLANTS
From Benches

	Per 100	1000
American Beauty	$6.00	$50.00
Liberty	6.00	50.00
Maid	3.00	25.00
Bride	3.00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00
Kaiserin	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

NEW ORLEANS.

The Horticultural Society, in monthly session May 19, decided on July 13 and 14 as the days for its annual outing, which this year will take place in Mandeville. Routine business was transacted at the meeting and there was an interesting discussion on various flowers. The exhibit proved the meeting's feature. There were pot plants from E. Valdejo, Abele Bros., Richard Eichling and U. J. Virgin, and cut flowers from J. A. Newsham. The prize for the best plant was awarded to E. Valdejo, whose exhibit was a handsome gloxinia.

In the absence of President Joseph Steckler, Vice-President Eichling presided. Plans for the annual outing were discussed and an appropriation of $2.50 per member was made to defray the expenses of the trip.

A communication from Dan Newsham, in charge of the Louisiana's horticultural exhibition at the World's Fair was read. Mr. Newsham declared Louisiana's exhibit the best at the fair.

Paul Abele, of Abele Bros., who leaves for Europe in a few days, invited the members of the society to be present at his home May 22, when he was the host at a farewell reception.

COLUMBUS, O.—F. C. Wetherby has sold out to Jess Delashmutt.

BABYLON, N. Y.—L. A. Martin is now with A. Wagstaff here. He was until recently with W. H. S. Wood, Greenwich, Conn.

ALVIN, TEX.—The cape jasmine season is on in full force, the crop being the largest in years and the buds extra fine. A great many large orders have been booked for Decoration day and are now mostly on the way. Some dealers pack in market baskets covered with burlap and others use berry crates. One good attribute of the jasmine is that the buds will keep in salable condition for a considerable time if cut at the proper stage.

STERLING, ILL.—Albert Lundstrom, of Oconomowoc, Wis., has purchased the greenhouse plant and business of F. A. Belt. Mr. Lundstrom will take possession June 1. He has had a life long experience in the business and for some time had charge of the John Dupee estate at Oconomowoc. He proposes to considerably add to the Belt establishment and will also force vegetables for the winter market. Mr. Belt, whose health is poor, will remove to Prophetstown, Ill.

The Grand New Pink Rose La Detroit.

NOW IN 3-INCH POTS, READY FOR PLANTING.

$25.00 per 100; **$200.00** per 1000.

Surplus Stock, Grafted. 1000 Maids, 3-inch .....$12.00 per 100
500 Mme. Cusin, 3-inch, 12.00 "

Own Roots. 1000 Perles, 3-inch, $8.00 per 100; 500 Mme. Cusin, 3-inch, $8.00 per 100; 1000 Bon Silene, 2½-inch, $6.00 per 100

JOHN BREITMEYER'S SONS,

Gratiot and Miami Avenues. **DETROIT, MICH.**

Mention The Review when you write.

PIPING FOR HOT WATER.

I have been heating with steam but want to use hot water. There is one house 22x100, even-span, one gable glass, side walls four feet high, double boarded with building paper between; two benches three feet wide, one on each side and two five and one-half feet wide in the middle. The other house in 15x70, with three benches. The top of the boiler is just below the level of the ground. What piping will be necessary?

F. S. W.

If hot water under pressure is used, the house 22x100 feet, should be provided with a 3-inch riser running under the ridge to the far end of the house and there dividing to supply twelve 2-inch returns arranged under the benches. The highest point in the flow pipe should be at the farthest point from the boiler and the returns under the benches should have a drop of eight to twelve inches in the length of the house. The house 15x70 feet, will require a 2-inch riser under the ridge and eight 2-inch returns arranged under the benches.

L. C. C.

Memphis, Tenn.—The Idlewild Greenhouses received a considerable consignment of stock from Belgium May 14, the duty being $74.

AA SEEDS.

PRIMROSE IMPROVED CHINESE.
Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50 cts.

CINERARIA—Finest large flowering dwarf, mixed, 100 seeds, 50 cts.

PRIMULA—Obconica Grand. Large flowering, 1,000 seeds, 50 cts.

PANSY—Finest Giants, mixed, critically selected, 5,000 seeds, $1.00; half pkt., 50 cts.

☞ 500 seeds of Giant "Mme. Perret" added to every $1.00 pkt. of Giant Pansy seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP,
SHIREMANSTOWN - PA.
THE HOME OF PRIMROSES.
Mention The Review when you write.

Dracaena Terminalis, 5-in., $3.00 per doz.

Latania Borbonica. We have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz.; $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz.; $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz.; $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, **CHICAGO.**

Mention The Review when you write.

10,000 Brides and Maids

A1 stock, ready for planting. Own roots, 3-inch, ready for shift, $60.00 per 1000; 4-inch $100.00 per 1000.

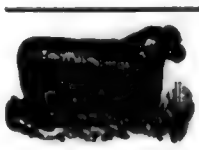
Grafted Stock.

3-inch Maids, $15.00 per 100; 4-inch Brides and Maids, $20.00 per 100.

Pittsburgh Rose and Carnation Co.
CRYSTAL FARM,
GIBSONIA P. O., PA.
Mention The Review when you write.

Asparagus...

Plumosus Nanus true seed, per 100, $1.00; per 1000, $4.50.
Plumosus Nanus seedlings, per 100, $1.75.
Plants ready July 1, $2.50 per 100.
CASH OR C. O. D.
JOS. H. CUNNINGHAM, DELAWARE, OHIO.
Mention The Review when you write.



PURE
Sheep Manure
DRIED, UNPULVERIZED AND PULVERIZED. Write for prices.
MONTANA FERTILIZER CO., ELGIN, ILL.
Mention The Review when you write.

Here Is What You Want!

Geraniums—Leading var., mixed 2 and 3-inch stock	Per 100 $2.25 and $5.00
Salleroi Geranium—2-inch	2.00
Petunias—Fine plants 2½-inch	2.50
Ivy Geranium—Choice varieties, mixed 2 and 3-inch pots	$2.00 and 4.00
English Ivy—3½-inch	3.50
Feverfew—2½-inch	2.25
Coleus Verschaffeltii—Golden Bedder and 10 other varieties, 2-inch	2.00
Vinca Variegata—4-in. pots, extra heavy	10.00
Boston Ferns—2½-in pots	4.00
Alyssum—2-inch	2.00
Lobelia—2 and 2½-inch fine plants from cuttings	2.25
Pyrethrum—2½-inch	2.25
Fuchsias—3-inch, a good mixture	4.00
Verbenas—2½-inch mixed	2.25
Centaureas—2½-inch	2.25
Tomatoes—All leading varieties, transplanted stock	$8.00 per 1,000 1.00

Cash please.
Converse Greenhouses, - Webster, Mass.
Mention The Review when you write.

AMERICAN BEAUTY ROSES. Finest plants we have ever offered in 2½-inch and 3-inch. Write—

GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

50,000 CARNATIONS FROM SOIL.

Lawson, Harlowarden, Norway, Flora Hill, White Cloud, Morning Glory, etc. Let us figure on your wants.

Violet Stock—Write for prices. **Geraniums**—In flower, 4-in. pots, $6.00 per 100 without; $7.00 with. Also Kaiserin and La France roses for summer blooming.

CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write

DECORATION DAY FLOWERS

BASSETT & WASHBURN'S PRICE LIST:

BEAUTIES—Extra long stems	per doz.,		$3.00
Medium long stems	per doz.,	$1.00 to	2.00
Short stems	per doz.,		.50
BRIDES, KAISERIN and MAIDS	per 100,	4.00 to	8.00
LIBERTY, CARNOT and CHATENAY	per 100,	4.00 to	12.00

MIXED ROSES—Our Selection	per 100,	$4.00
CARNATIONS—Extra Fancy	per 100,	5.00
White and Lawson	per 100,	4.00
Good Average Colored	per 100,	3.00

These prices vary, according to length of stems, from short to extra select long.

CAPE JASMINES {Per 100}, **$1.00 to $1.50**
EASTER LILIES {Per 100}, very fine, **6.00**
GREENS, {NEW COMMON FERNS.....per 1000, $2.00 / NEW COMMON FERNS, ex. long, 2.50}

SMILAX, Fine Strings {Per doz.}, . . . **$1.50**
ASPARAGUS, Per String, ... **.50**
ASPARAGUS SPRAYS {Per 100}, **$2.00 to 3.00**

GRAFTED ROSES READY NOW.

We have grafted 100,000 Rose Plants on Manetti, all from choice flowering wood. This is the best stock we are able to produce and sure to give satisfaction. If your rose stock is running down give grafted plants a trial. Ready for immediate shipment.

BRIDESMAIDS, $12.00 per 100 | **LIBERTIES, - $15.00 per 100**
CHATENAY ROSE PLANTS, 2½-inch, $6.00 per 100; $50.00 per 1000.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Roses.

2500 Perle, very strong; 3000 Kaiserin; 4000 Cochet, pink and white; 5000 Hermosa; 2500 C. Soupert, 3-inch pots, $5.00 per 100; $45.00 per 1000.

50,000 CHRYSANTHEMUMS,

Golden Wedding, Maud Dean, Jerome Jones, Col. D. Appleton, Pacific, Robinson, Ivory, Bonnaffon (white and yellow), Polly Rose, $2.50 per 100; $20.00 per 1000.

J. D. BRENNEMAN,
HARRISBURG, PA.
Box 24.

Rose Plants

FROM 2-INCH POTS.

BRIDES, MAIDS, GOLDEN GATES, $3.00 per 100.

S. D. BRANT, CLAY CENTRE, KAN.

Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50	per 100;	$35.00	per 1000
Brides	5.00	"	40.00	"
Bridesmaids	5.00	"	40.00	"
Mme. Chatenay	6.00	"	55.00	"

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

Magnificent lot of **PEONY FLOWERS** for Decoration

Also **SINGLE and DOUBLE NARCISSI.**
BEST PACKING. LOWEST PRICES.

P. A. BALLER, BLOOMINGTON, ILL.
Mention The Review when you write.



NEW CROP **Dagger Ferns**

$1.50 per 1000. They are the finest and largest ferns ever sold.

FANCY FERNS, new crop, **$2.00** per 1000.

Bouquet Green, $6.00 per 100 lbs. **Bouquet Green Wreaths and Laurel Wreaths,** all sizes and prices.

Laurel Festooning, extra fine and full, 4c, 5c and 6c per yard, and made fresh daily from the woods.

Southern Wild Smilax, $6.00 per case of 50 lbs.

Bronze and Green Galax, 75c per 1000. Discount on large orders.

Send us your orders for Memorial Day NOW
and you will get the best to be had and at rock-bottom prices.

Satisfaction guaranteed. No matter how large or small the order it will be filled promptly and with the best and freshest stock right from the woods.
Telephone and telegraph orders will receive immediate attention.

Telegraph Office, New Salem, Mass. Long Distance Telephone Connection.

TELL US YOUR WANTS; WE WILL DO THE REST.

CROWL FERN CO., -- MILLINGTON, MASS.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Belmont Ave., CHICAGO.

KAISERIN, **PERLE,** **$3.00** per 100. 2½-inch.

BRIDES, MAIDS, $2.50 per 100. 2½-inch.

J. C. MURRAY, Peoria, Ill.

ROSE PLANTS

	Per 100	Per 1000		Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00	50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00	25,000 Bridesmaids, 3½-inch pots	4.50	35.00
50,000 Brides, 2½-inch pots	3.00	25.00	10,000 Liberty, 2½-inch pots	5.00	40.00
25,000 Brides, 3½-inch pots	4.50	35.00	5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

TWO-YEAR OLD PLANTS FROM BENCHES.

American Beauty.....$6.00 per 100; $50.00 per 1000. Brides, (Grafted Stock)....$6.00 per 100; $50.00 per 1000.
Bridesmaid, (Grafted Stock).....$6.00 per 100; $50.00 per 1000.

WRITE FOR SPECIAL DISCOUNTS ON LARGE LOTS.

The Benthey-Coatsworth Co., 35 Randolph Street, **Chicago**

PUEBLO, COLO.

Heavy Hail Does Great Damage.

The heaviest hailstorm on record visited this place May 20 and the greenhouse glass was practically all broken, with great damage to the stock below. Most of the glass will be paid for by the Hail Association, but of course there was no insurance on the stock.

At J. O. Zimmerman's the loss is estimated at something like $4,000. About ninety per cent of the 11,000 square feet of glass was broken. The work of the storm was more disastrous on the west and north sides.

The greenhouses owned by Mrs. Ida M. Latshaw suffered to the extent of $1,500. Four whole panes of glass remain out of 2,000 square feet. The stock was almost totally destroyed.

Wallace & McMurray suffered a loss of about $2,000. The area of glass at their houses in East Pueblo, about 5,000 square feet, was wholly destroyed and the stock suffered heavily.

At Fleischer's the hail smashed glass to the amount of 14,000 square feet. The house was filled with pot plants, and all these were practically destroyed. Beyond the woodwork of the greenhouse nothing was left, the ruin being complete.

The greenhouses of J. J. Thomas suffered the same fate as all others in the city. All the glass was broken and the plants were destroyed. The Thatcher greenhouses, as well as other private hothouses, were destroyed, and but little of the stock was saved.

CATALOGUES RECEIVED.

The Leach Insecticide Co., of Baltimore, sends us a pamphlet containing details with regard to their insecticide and fungicide now being put on the market under the name of Webcide. Formulas are given for the use of the preparation on a large number of insect pests, also fungous diseases, including work in both the garden and greenhouse. The pamphlet also contains letters from a number of men well known in the florist and nursery trades.

The new catalogue of the Dillon Greenhouse Manufacturing Co., Bloomsburg, Pa., shows the ordinary styles of construction, also the company's composition posts and gutter plates and patented sub-watering beds.

INDEPENDENCE, Mo.—Alfred Broman lost 2,000 panes of glass in the recent hail storm.

Am. Beauties PLANTS FROM 2-INCH

Price to clean out $40 per thousand. This is a cheap price but not cheap stock; it is first-class in every respect.

METEOR from 2½-inch pots, STRICTLY FIRST-CLASS, **$20** per thousand.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

ROSES

3000 Bridesmaid Roses

From 3½-inch and 4-inch pots.

Extra fine. For sale—**$4.50** per 100; **$40.00** per 1000.

E. T. GRAVE, RICHMOND, IND.

(WHOLESALE GROWER CARNATIONS and ROSES.)

Mention The Review when you write.

American Beauties.

We have besides 2x2½-inch the finest lot of 3-inch to offer. Get the best. They will pay difference in price—first cut—for they will be 'way ahead of younger stock.

Write—**GEO. A. KUHL, Pekin, Ill.**

Mention The Review when you write.

ROSES

From 2½-in pots Thrifty Plants.

	100	1000
Bride, Maid, Gate, Ivory	$3.00	$25.00
Perle	3.50	30.00

Wm. B. Sands, Lake Roland, **Baltimore, Md.**

ROSE PLANTS

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Am. Beauty	5.00	45.00
Bridesmaids	3.00	25.00
Brides	3.00	25.00
Perle	3.00	25.00
Golden Gate	3.00	25.00
Ivory	3.00	25.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

Carnation Cuttings

	100	1000
Mrs. Joost	$1.50	$12.50
Mrs. Lawson	2.00	15.00
Guardian Angel	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12.50
Prosperity	2.00	15.00

GEORGE REINBERG,

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

PALMS For Decorating



KENTIA BELMOREANA.

I have a superb stock of PALMS in all sizes for Decorating, and growing on for fall trade. They are exceedingly good value at prices quoted below.

ARECA LUTESCENS.

				Per doz.	Per 100
4-inch pot,	3 plants,	15 to 18 inches high		$3.00	$20.00
6 "	3 "	20 to 24 "		9.00	75.00
6 "	3 "	28 to 30 "		12.00	100.00
8 "	3 "	36 to 42 "	Very bushy	$2.50 each.	
10 "	3 "	42 to 45 "	"	5.00 "	
10 "	3 "	48 to 54 "	"	7.50 "	

My stock of this variety is very large, grown cool, clean and very healthy, and cannot fail to give satisfaction. All are grown three plants in a pot.

KENTIA BELMOREANA.

				Per doz.	Per 100	Per 1000
2½-inch pot.	3 to 4 leaves,	10 inches high		$1.25	$10.00	$ 90.00
3 "	4 to 5 "	12 to 15 inches high		2.00	15.00	
4 "	5 to 6 "	15 to 18 "		4.50	40.00	
5 "	6 to 7 "	18 to 20 "		6.00	50.00	
5 "	6 to 7 "	20 "		9.00	70.00	
				Each	Per doz.	
6 "	5 "	20 to 24 "		$1.00	$12.00	
6 "	6 to 7 "	28 to 30 "		1.25	15.00	
6 "	6 to 7 "	30 to 36 "		1.50	18.00	
8 "	6 to 7 "	34 to 36 "		2.50	30.00	

MADE UP PLANTS.

6-inch pot, 3 plants in pot, 22 to 24 inches high.....$1.00 each
7 " 3 " 24 to 26 " ..... 1.50 "

KENTIA FORSTERIANA.

			Per doz.	Per 100
2½-in. pot,	4 leaves,	8 to 10 in high	$1.25	$10.00
3 "	5 "	12 to 15 "	2.00	15.00
4 "	5 to 6 "	15 to 18 "	4.00	30.00

				Each	Per doz.
5- in. pot,	5 to 6 leaves,	18 to 24 in. high		$ .65	$ 7.50
6 "	5 to 6 "	28 to 30 "		1.00	12.00
6 "	6 "	30 to 32 "		1.25	15.00
6 "	6 "	32 to 36 "		1.50	18.00

MADE UP PLANTS.

7-inch pot, 4 plants in pot, 32 inches high ..... Each $2.00
8-inch pot, 4 plants in pot, 36 inches high..... Each $2.50
8-inch pot, 4 plants in pot, 42 inches high..... Each $3.00
10-inch pot, 4 plants in pot, 48 to 54 inches high.

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 8½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 8-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.



Dreer's Aquatic Plants

Hardy and Tender Water Lilies, Nelumbiums, Victorias, etc.

We are headquarters for this class of plants and carry the largest and most complete assortment. Our collection embraces all the well known standard varieties, also the most desirable American and Foreign Novelties. We will gladly give practical advice to those who contemplate using these plants.

HENRY A. DREER, Philadelphia, Pa.

Geraniums

	Per 100.
10 varieties, 2½-in	$3.00
10 varieties, 3-in. pots	4.00
Alternantheras, red and yellow	2.00
Seedling Petunias	2.50

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in	2.50
Asp. Plumosus Nanus, seedling ready	1.75
" " plants July 1, 2-in. pts	2.50
Asparagus Sprengeri,	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $4.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

Mention The Review when you write.

ROSES FOR FORCING.

Nice healthy stock, selected from well grown plants. Sure to give good results.

	Per 100		Per 100
American Beauties	2½-in., $5.00	3-in.,	$8.00
Perles	2½-in., 3.00	3-in.,	6.00
Meteors			6.00
Maids, extra fine	2½-in., 3.00		

	Per 100		Per 100
Brides	2½-in., $3.00	3-in.,	$5.00
Golden Gates	2½-in., 3.00	3-in.,	5.00
Ivory	2½-in., 3.00	3-in.,	5.00

Special price on 1000.

BOSTON FERNS. 2½-in., $3.50 per 100; 3-in., $8.00; 5-in., $25.00 and 6-in., $40.00. Also some fine specimens in pans. Note the low prices on the smaller sizes. Vinca variegata, 2¼-in., $3.00 per 100

W. H. GULLETT & SONS.....LINCOLN, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATIONS REGISTERED.

In the list of carnations registered recently sent out and published May 12, page 1,320, the variety Marie Louise Thompson should have been given as Rachel Marie Thompson and Dr. Seezzel should be Dr. Seessel. These are registered by C. W. Ward, Queens, N. Y.

ALBERT M. HERR, Sec'y.

PEKIN, ILL.—Mr. and Mrs. G. A. Kuhl celebrated their twenty-third wedding anniversary May 19.

PELHAM, N. Y.—An incendiary fire destroyed the barns and greenhouses on the Case property, May 18.

Chrysanthemum

ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
Timothy Eaton	2.00	Monrovia	1.50
Willowbrook	2.00	Halliday	1.50
Marie Liger	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Daiskov	1.50

GERANIUMS Good Stocky 4-in. Plants at $8.00 per 100; 2½ in., $4.00 per 100, such as A. RICARD, S. A. NUTT, HILL, JEAN VIAUD, etc., about fifteen varieties. Also other Bedding Stock. Newer varieties on application.

Roses Brides, Bridesmaids, Golden Gates, Ivory and Meteor, 2½ and 3-inch, $3.50 per 100.

CASH OR C. O. D.

W. J. & M. S. VESEY,
FORT WAYNE, IND.

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W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

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CHAS. H. TOTTY, Madison, N. J.

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A most valuable variety: stock ready now. 2½-inch pots $15.00 per 100; $2.50 per doz.

Estelle and 6 other varieties from soil, $3.00 per 100; $25.00 per 1000.

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SMITH'S
CHRYSANTHEMUM MANUAL

[BY ELMER D. SMITH.]

A Complete Practical Treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

80 PAGES, 18 ILLUSTRATIONS
TWENTY-FIVE CENTS POSTPAID

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Maids, Brides, Gates, 2½-inch, $25.00 per 1000; 3½-inch, $50.00 per 1000. **Beauties,** 2½-inch, $6.00 per 100; $50.00 per 1000.
Old Beauties, from bench, $6.00 per 100. Old Teas, from bench, $4.00 per 100.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
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Pacific	$1.50	$2.50
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Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
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Lord Hopetoun	10.00	12.00
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W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35.00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100; Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

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Opah	1.25	Col. Appleton	1.50
Polly Rose	1.25	Maud Dean	2.00
Robt. Halliday	1.25	J. K. Shaw	2.00
Yellow Jones	1.50	Iolanthe	2.00
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White Bonnaffon	Timothy Eaton
Col. D. Appleton	Mrs. Coombes
Lavender Queen	Viviand-Morel
Algoma	Globosa Alba
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Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

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Abutilon, in variety	40c	2.00
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Coleus, Crimson Verschaffeltii, Fire Brand, Golden Bedder, Queen Victoria, Beckwith Gem, Eldorado, Lord Palmerston, Mrs. Hunt, Mrs. Hayes, Sieboldi and Fire Crest. per 1000, $15.00,	40c	2.00
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Tritoma Pfitzeri, 2½-inch pots	75c	4.00
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See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

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TOMATOES—Earliana, 40c per 100, $2.00 per 1000. Stone, Paragon, Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

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True Stock. Thrifty and well grown plants.

Seedlings from flats, ready for potting on, $12 per 1000; 250 at 1000 rate; $1.50 per 100. For 3-in. pots, $5 per 100; $40 per 1000, field-grown. For 4½-in. " $8 " $70 " " "
Send the cash along and we will pay the freight.

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You cannot import stock as good and cheap as we offer NOW.

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Acalypha Sanderii, 2-in., 50c doz., $3.00 100, $25.00 1000. A. marginata, 2-in., 40c doz., $2.50 100, $20.00 1000. A. bicolor compacta, new, 2-in., 75c doz., $5.00 100.
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Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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Agave, or century plant. A fine, large, solid green specimen, with over 20 leaves, some of which are over 3 ft. long and over 6 in. wide. Price, including tub, $10.00.
A few variegated plants with leaves 18 in. long, from 12-in. pots, $3.00 each. Good plants from 9-in. pots, $1.00 each. Can ship by freight.
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Ageratums Stella Gurney, Pauline, strong cuttings ready to set out, $4.00 1000; 2-in., $1.50 100. C. Humfeld, Clay Center, Kan.

Blue, white and Princess Pauline, 2¼-inch, $1.50 100. Cash.
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Ageratums, blue, 4-in. pots, $6.00 100; 3-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Ageratums, best sorts, blue and white, 2-in., 30c doz., $2.00 100.
Good & Reese Co., Springfield, O.

Ageratums, 3 var., large plants, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Ageratums, 2-in., blue, $1.50 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

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Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

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Alternantheras, 2 sorts, red and yellow, 2-in., 30c doz., $2.00 100, $18.00 1000.
Good & Reese Co., Springfield, O.

Alternantheras, red and yellow, strong cuttings, $4.00 1000.
C. Humfeld, Clay Center, Kan.

Alternantheras, red and yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Althea or Rose of Sharon, fine plants, 7 kinds, 18 to 24-in., $1.00 doz., $6.00 100.
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Alyssum, 2-in., $2.00 100. Cash, please.
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Amp. Veitchii, 2-year, field-grown, very hardy, $6.00 100; pot-grown, dormant, long tops, $4.00 100. Cash. Benj. Connell, West Grove, Pa.

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Anemone Queen Charlotte (new dbl. pink), 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

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Antigonon leptopus, 300 fine plants in 3-inch pots, $1.00 doz., $6.00 100, cash. A good thing; rapid grower, pretty pink flowers; free bloomer.
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Aquatics. Water hyacinth, water poppy, water lettuce, Parrot Feather, at $2.00 per 100. Nymphaea zanzibariensis, N. dentata, N. devoniensis and others, strong plants, 15c each, $10.00 per 100.
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Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
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ASPARAGUS.

Asparagus plumosus nanus seedlings from flats, ready for potting on, $12.00 1000, $1.50 100. 250 at 1000 rate; 3-in. pots, $5.00 100, $40.00 1000; 4-in., $8.00 100, $70.00 1000, field-grown. Send cash and we will pay freight.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri—Choice stock ready for shift, 3, 4, 5, 6 and 7-in. pots at $4.00, $8.00, $20.00, $35.00, $50.00 and $75.00 per 100. Asparagus plumosus—4-in. pots $10.00 per 100.
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5000 Asparagus plumosus, strong seedlings ready for pots, at $15.00 1000. 300 prepaid for $5.00 cash. Can use in exchange, palms, Pierson ferns or young roses. Write
Huss Floral Co., Augusta, Ga.

Asparagus plumosus nanus, 2-in., 50c doz., $3.00 100; 3-in., $1.00 doz., $6.00 100. A. Sprengeri, 2-in., 40c doz., $2.00 100, $18.00 1000. Good & Reese Co., Springfield, O.

2000 Asparagus plumosa, 2¼-in. pots.....$3.00
500 Asparagus plumosa, 3-in. pots..... 6.00
3000 Asparagus Sprengeri, 3-in pots..... 4.00
Walker & McLean, Youngstown, Ohio.

Asparagus Sprengeri, 4-in., $7.00 100. A. plumosus nanus, 2½-in., $3.00 100, $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus Sprengeri, extra strong plants out of 3-in. pots, $4.00 per 100. Cash with order.
Livingston Seed Co., Columbus, O.

Asparagus plumosus nanus, seedlings, $1.75 100. Plants, 2-in., ready July 1, $2.50 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus plants, ready for 3-in., $2.00 per 100; ready for 4-in., $2.50 per 100. Cash. J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 3-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
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Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000; 2-in., $3.00 per 100.
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Asparagus Sprengeri, strong 2½-in. pots, full, fine plants, ready for 3-in., $2.00 per 100.
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Sprengeri from flats, 75c per 100, $6.00 per 1000; 3-in., $4.00 per 100.
C. Winterich, Defiance, Ohio.

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L. H. Foster, Dorchester, Mass.

Coleus Golden Bedder and Verschaffeltii and mixed, 2½-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Coleus Verschaffeltii, Golden Bedder and 10 other var., 2-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

Coleus, 2½-in., $2.00 100; $18.00 1000. Rooted cuttings, $4.00 1000.
C. Humfeld, Clay Center, Kan.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus rooted cuttings, fine assortment, 75c 100; $6.00 1000.
Swan Peterson Floral Co., Gibson City, Ill.

6500 leading varieties, 2½-in. coleus, at low prices. Roney Bros., West Grove, Pa.

Coleus cuttings, 10 varieties, $8.00 per 1000.
The McGregor Bros. Co., Springfield, Ohio.

Coleus, 15 sorts, 2-in., $2.00 100, $17.00 1000.
Springfield Floral Co., Springfield, O.

Coleus, 10 varieties, $2.00 100, Cash.
Jos. H. Cunningham, Delaware, O.

CROTONS.

20 leading sorts, fine plants, 2-in., 50c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta stems, 1 to 5 lbs. each. A large stock in splendid condition, in quantities to suit purchaser; special price on case lots. Write us immediately for a great bargain, stating the amount you can use and we will surprise you with an offer you cannot afford to reject. Last opportunity this season.
Suzuki & Iida, 31 Barclay St., New York.

Cycas revoluta stems (Sago palm), long-leaved var., 12c lb., $1.00 10 lbs., $2.00 25 lbs., $7.00 100 lbs. Stems range in weight from 1 lb. to 10 lbs. Special quotations on case lots of 300 lbs.
Johnson & Stokes, 217-219 Market St., Phila., Pa.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas revoluta stems, per case of 300 lbs., 6c per lb.; broken cases, 8c per lb.; stems run from 1 to 5 lbs. each.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Cycas revoluta, from $4.00 to $10.00 and $15.00 doz.; also $24.00 doz., according to size.
Good & Reese Co., Springfield, O.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

CYCLAMEN.

Giants. My own strain, the best that can be raised, once transplanted, $2.00 per 100, $18.00 per 1000; 3-in., $8.00 per 100.
C. Winterich, Defiance, Ohio.

Cyclamen gig., our well-known strain, twice transplanted, ready for 3-in. pots, $5.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen per. gigan., 2-in., 50c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

DAHLIAS.

Dahlias, mixed, of choice kinds, separated into strong tubers, $3.00 per 100; also Variegatum, a choice pompon variety, red with pink markings, long-stemmed, fine for cuttings, early and very free bloomer, at $5.00 per 100. Can furnish in large quantity.
O. B. STEVENS, Shenandoah, Iowa.

Dahlias, double, best seeds; plants 3 to 6 inches high, $1.20 100; $10.00 1000. Express prepaid. Cash.
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Dahlias, show and pompon, tubers, 75c doz., $6.00 per 100. Ferns cash or approved credit.
E. & C. Woodman, Danvers, Mass.

Dahlia plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, dormant, field-grown roots, 12 leading colors, 75c doz., $5.00 100.
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Burbank's Shasta daisies, true stock of same, no chance seedlings, the best cut flower for summer use; strong plants of same, $4.00 per 100; $30.00 per 1000. Cash with order, please.
Wm. A. Finger, Hicksville, L. I., N. Y.

Burbank's new Shasta daisy, strong 3-in., 5 to 10 branches, most all in bud, 80c doz., $5.00 100, $40.00 1000; 2¼-in., also branching, $3.00 100, $25.00 1000. Cash.
Des Moines Plant Co., Des Moines, Iowa.

Daisy, dbl. white (Snowcrest), 40c doz., $3.00 100. Marguerites, yellow and white, 25c doz., $1.25 100, $10.00 1000.
Good & Reese Co., Springfield, O.

Dbl. daisies, transplanted, pink and white mixed, $1.00 100, $8.00 1000.
F. Griswold, Worthington, Ohio.

Shasta daisies, fine; 2-in., pot-bound, $3.00 per 100. Iola Greenhouses, Iola, Kan.

DRACÆNAS.

Dracaena indivisa, 3-in., 4-in., 5-in., $1.50, $2.00, $2.50 per doz.; 15 to 18 in. above pots, suitable for small work. Terms cash, except approved credit.
E. & C. Woodman, Danvers, Mass.

Dracaena indivisa,	3-in. pots.....	$5.00 100
"	"	4-in. pots.....	10.00 100
"	"	5-in. pots.....	20.00 100

T. W. A. Smith, Biddeford, Maine.

Dracaena indivisa, extra strong plants, 5-in., 6-in. and 7-in. pots, $2.50, $3.50 and $5.00 per doz. Cash.
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Surplus stock of Dracaena indivisa, ready for 7-in. pots, fine large plants, $15.00 100. Cash.
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Dracaena indivisa, strong, stocky plants, 18 to 24 inches high, 4½-in. pots, $15.00 per 100.
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Dracaena indivisa, 7-in. pots, excellent stock, $5.00 per doz.
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Dracaena indivisa, 2-in. pots, 40c doz., $2.50 100. Good & Reese Co., Springfield, O.

Dracaena indivisa, 2-in., strong, $2.25 100.
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Dracaena indivisa, 2½-in. pots, $2.50 per 100.
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L. H. Foster, Dorchester, Mass.

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Echeveria secunda glauca, grown on shelves, light, cool and airy, $3.00 100; express paid on orders of $5.00 and over.
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500 Echeveria secunda glauca, sturdy plants, 2½-in., $2.50 per 100.
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FERNS OUR SPECIALTY.
Good assortment of ferns for jardinieres from 2¼-in. pots at $3.00 per 100, $25.00 per 1000.
FERN SPORES.
Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

PIERSON FERNS A SPECIALTY FOR LATE SPRING AND SUMMER DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
F. H. KRAMER,
CENTER MARKET,
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Pierson ferns, a large stock of healthy, well-grown plants, pot bound and ready for a shift into larger sizes. You make no mistake in buying this stock; it will increase in value faster than anything you can handle. 3-in., 12c.
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Nephrolepis Piersoni, the ostrich plume, 2-in., 75c doz., $6.00 100, $50.00 1000; 5-in., 50c each, $5.00 doz. N. Bostoniensis, 2-in., 50c doz., $3.00 100. Dwarf ferns for dishes, 2-in., 40c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

Boston ferns, A1, pot-grown, 3-in., 8c each; 3½-in., 12½c; 4-in., 15c; 5-in., 25c; 6-in., 40c. Piersoni, new, 3½-in., 15c each; 6-in., 50c. Write for discount on 1000 lots.
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Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-inch, $4.00 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations. Davis Bros., Morrison, Ill.

Pierson ferns, very true stock, strong rooted runners, $5.00 per 100; 2½-in., $8.00 per 100; 3-in., $10.00 per 100. Cash with order. Satisfaction guaranteed.
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Fern spores. Adiantum, aspidium, cyrtomium, Davallia, nephrolepis, pteris, sep. per trade pkt., 25c; 5 pkts., $1.00. Mixed, pkt., 25c; 5 pkts., $1.00.
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Nephrolepis exaltata Bostoniensis, nice young plants, $15.00 per 1000. All orders accompanied with cash filled first. Send P. O. order on Little River. Soar Bros., Little River, Fla.

500 3-inch Bostons at $6.00 100; 500 4-inch at $10.00 100 cash; pot bound, a solid mass of roots, plenty of runners on each size.
Stulb's Nursery, Augusta, Ga.

Piersoni, 3½-in., 10c; $100.00 per 1000, 5-in., 25c; $25.00 per 100. 6-in., 35c., $35.00 per 100. Cash with order, please.
H. H. Barrows & Son, Whitman, Mass.

Boston ferns, 2½-in., $3.50 100; 3-in., $8.00; 5-in., $25.00; 6-in., $40.00. Also some fine specimens in pans.
W. H. Gullett & Sons, Lincoln, Ill.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns, 2¼-in., 3c; $30.00 per 1000; 3½-in., 7c; $70.00 per 1000. Cash with order, please. H. H. Barrows & Son, Whitman, Mass.

Bostons, fine 2, 2½, 3 and 6-inch stock at $1.00, $2.00, $3.00, $5.00 and $30.00 per 100.
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3000 Adiantum farleyense stumps, $8.00 100. Cash with order.
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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Boston ferns, 4-in., $15.00 100; 5-in., $20.00 100. Crown Point Floral Co., Crown Point, Ind.

We are headquarters for Boston and Pierson ferns. All sizes. Geo. A. Kuhl, Pekin, Ill.

Fern balls, 5-in., $12.00 100. Cash, please.
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Maidenhair ferns, 4-in., $1.25 per doz.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Boston ferns, 2½-in. pots, $4.00 100.
Converse Greenhouses, Webster, Mass.

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Feverfew Little Gem, 2½-in. pots, $2.00 100.
William Clark, Batavia, Ill.

Feverfew, 2½-in., $2.00 per 100.
C. M. Niuffer, Springfield, Ohio.

Feverfew, 2½-in., $2.25 100.
Converse Greenhouses, Webster, Mass.

FORGET-ME-NOTS.

Forget-me-nots, strong plants, 2½-in., $1.50 100. L. W. Franks, Montpelier, Ohio.

FUCHSIAS.

Fuchsias, white and dbl. purple, all shades, single, 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Fuchsias, good sorts out of 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Fuchsias, 5-in. pots, $1.50 doz.
G. Aschmann, 1012 Ontario St., Phila.

Fuchsia Little Beauty, 2-in., good strong plants, $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Fuchsias, 4 varieties, 2½-in., some in bloom, $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Fuchsias, in variety, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Fuchsia Little Beauty, 3-in., $5.00 100.
Carl Hagenburger, West Mentor, Ohio.

Fuchsias, 3-in., a good mixture, $4.00 100.
Converse Greenhouses, Webster, Mass.

Fuchsias, 2½-in. pots, $2.00 100.
A. D. Montgomery, Hazleton, Pa.

Fuchsias, assorted, $2.50 per 100.
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FUNKIA.

Variegated funkia, the prettiest and handsomest of them all, $8.00 100. Cash.
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GERANIUMS.

Geraniums, $2.00 per 100, $20.00 per 1000. 1000 and over, our selection of 10 var., $17.50 per 1000. All good strong plants, 2¼-in. pots.
Double—Beauty Poitevine, Centaur, Comtesse de Harcourt, Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.
Singles—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Gen. Grant, Wm. Ewing.
R. Vincent. Jr. & Son, White Marsh, Md.

Geraniums S. A. Nutt, 4-in., 3½-in., 3-in. and 2½-in.; Pasteur, 4-in., 3½-in., 3-in. and 2½-in.; Le Soleil, 4-in. and 3½-in.; Trego, 4-in., 3½-in., 3-in. and 2½-in.; La Favorite, 4-in.; Jean Viaud, 4-in.; E. G. Hill, 4-in., 3½-in., 3-in. and 2½-in. Price: 4-in., $8.00 per 100; 3½-in., $6.50; 3-in., $5.00; 2½-in., $3.00.
Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

Geraniums Nutt, Doyle, Ricard, Perfection and Barney, September-struck stock out of 4-in. pots, strictly first-class in every way. We want to move 3000 quickly at $5.00 a hundred. Some 3-in. at $3.00 a 100; 2-in. at $2.00 a 100. Cash with order.
Rutledge Nurseries, Rutledge, Pa.

Geraniums. 400 Mrs. E. G. Hill, 300 Bruant, 100 La Favorite, 2¼-in., potbound, $2.00 per 100. Hill, Ricard, Poitevine, Bruant, Katie Schultz, La Favorite and Dryden, 4-in., stock fine, $6.00 per 100, without pots.
S. M. Harbison, Danville, Ky.

Geraniums Double Grant, Poitevine and Nutt in bud and bloom, extra strong 4-in., $5.00 per 100. Mme. Salleroi, strong 2½ and 3-in., $2.00 and $3.00 per 100, $18.00 and $25.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Geraniums, dbl. and single, 2½-in., 50c doz., $3.00 100. Trego, 60c doz., $3.50 100, $30.00 1000. Mt. of Snow and ivy-leaved, 50c doz., $3.00 100; scented, 50c doz., $2.50 100.
Good & Reese Co., Springfield, O.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geraniums John Doyle, Jean Viaud and La Favorite, 2½-in., $2.50 100; $20.00 1000. Our selection of varieties—red, white and pink, $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

Geraniums, leading var., mixed, 2 and 3-in. stock, $2.25 and $5.00 100. Salleroi, 2-in., $2.00 100. Ivy geraniums, mixed, 2 and 3-in. pots, $2.00 and $4.00 100.
Converse Greenhouses, Webster, Mass.

Geraniums. A. H. Trego, best scarlet, 2½ and 4-in. pots, $5.00 and $10.00 per 100. S. A. Nutt, large blooming, 4-in., $8.00 per 100.
H. Bornhoeft, Tipton, Ind.

Geraniums. Poitevine, Jean Viaud, La Favorite, Heteranthe, S. A. Nutt, $2.00 100. Ivy geraniums, Turner, Jean d'Arc, $3.00 100.
C. M. Niuffer, Springfield, O.

Geraniums. 2000 4-in., mostly S. A. Nutt, in bud and bloom, 6c without pots. This is choice stock, ready to plant any time.
Frank Berry, Stillwater, Minn.

Geraniums, Mme. Thibaut, dbl. pink; La Favorite, dbl. white; S. A. Nutt, dbl. crimson, out of 4-in. pots, $7.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Geraniums. 1000 Heteranthe, 2½-in., $2.00 per 100, $20.00 per 1000. 500 S. A. Nutt, $2.00 per 100. Cash with order.
S. W. Carey, Jr., Urbana, Ohio.

Geraniums, 4-in., in bloom, $7.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Geraniums, 4-in., best standard, $8.00 per 100.
C. Winterich, Defiance, Ohio.

Geraniums, in bud and bloom. Nutt, Ricard, Poitevine, Viaud and La Favorite, 4-in., $6.00 100. S. Whitton, 15 Gray Ave., Utica, N. Y.

Geraniums. Nutt, Perkins, Landry, Poitevine, etc., good, strong, 4-in. pot plants, in bud, 5c.
J. A. Keeney, Monongahela, Pa.

Geraniums, 8000 S. A. Nutt, in bud, 3-in. pots, $4.00 100; $35.00 1000. Cash with order.
Peter Brown, 124 Ruby St., Lancaster, Pa.

Geraniums, 4-in., $8.00 100; 2½-in., $4.00 100. Ricard, Nutt, Hill, Viaud, etc., about 15 varieties. W. J. & M. S. Vesey, Ft. Wayne, Ind.

Geraniums. S. A. Nutt and varieties, extra fine stock, 4-in., $7.00; 3-in., $5.00 per 100.
B. Hasselbring, Flint, Mich.

Mme. Salleroi geraniums, $1.00 100, $8.00 1000; 2-in., $2.00 100, $18.00 1000.
C. Humfeld, Clay Center, Kan.

Geraniums in flower, 4-in. pots, $6.00 100, without pots; $7.00 100, with pots.
Crabb & Hunter, Grand Rapids, Mich.

Bismarck, 3½-in., 4c; 2½-in., 2½c. Rose scented, 2½-in., 2c. Cash.
Roney Bros., West Grove, Pa.

Geraniums S. A. Nutt, vigorous plants from 2¼-in. pots, $2.25 per 100.
H. M. Totman, Randolph, Vt.

Geraniums Jean Viaud, Mrs. E. G. Hill, from 2½-in. pots, $2.00 100.
W. T. Buckley Plant Co., Springfield, Ill.

Geraniums, strong S. A. Nutt, out of 3½-in. pots, $6.00 per 100.
Geo. A. Rackham, Detroit, Mich.

Plants in 3 and 4-inch pots, leading varieties, $6.00 100.
Elizabeth Nursery Co., Elizabeth, N. J.

Geranium, fancy Mrs. Parker, fine 2½-in., at $5.00 per 100.
McGregor Bros. Co., Springfield, O.

Geraniums, 10 var., 2½-in., $3.00; 3-in., $4.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

S. A. Nutt geraniums, fine stock; 4-in., $6.00 per 100. O. A. Stoll, Oxford, Mich.

Geraniums, 4-in. pots, 10 best varieties, good stock. J. A. Keeney, Monongahela, Pa.

Geraniums, assorted, 4-in., $7.00 per 100.
J. M. Smely, Aurora, Ill.

Mme. Salleroi, 2½-in., $3.00 100.
William Clark, Batavia, Ill.

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GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it." therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue free.
ARTHUR COWEE, Meadowville Farm, Berlin, N. Y.

Gladioli, mixed varieties, at $8.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

Gladioli in best mixtures, $9.00 1000.
Good & Reese Co., Springfield, Ohio.

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Glycera spectabilis variegata, the newest and best ribbon grass, holds its coloring all summer, one foot high, $1.50 doz.; $10.00 100. Cash.
Jas. Vick's Sons, Rochester, N. Y.

HARDY PLANTS.

SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa, Anemone Pennsylvania; Boltonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus giganteus, H. mollis, H. decapetalus; Heliopsis Pitcheriana, H. scabra; Hemerocallis Thunbergii, H. Dumortierii; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.
Not less than 10 of one variety and no order received for less than $1.00 at these prices. Orders will be filled liberally if sent soon. Cash with order.
Wm. F. Bassett & Son, Hammonton, N. J.

Collected white pine and hemlock, 4 to 12-in., $8.00 per 1000; 1½ to 3 ft., good roots and tops, $30.00 per 1000. Betula lenta, lutea, papyracea, 1 to 3 ft., $8.00 per 1000. Viburnum cassinoides, dentatum, lantanoides, 1 to 2 ft., $8.00 per 1000. Viburnum lentago, 1 to 4 ft., $15.00 per 1000; 4 to 8 ft., bushy, good roots, $15.00 per 100. Aspidium acrostichoides, marginale, spinulosum, $2.00 per 100. Onoclea strutheopteris, $4.00 per 100. Osmunda cinnamonea, claytonia, regalis, $4.00 per 100, $25.00 per 1000. Lobelia cardinalis, large plants, $2.50 per 100. L. E. Williams, Nottingham, N. H.

HARDY PLANTS—Continued.

1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
W. G. Eisele, Box 100, West End, N. J.

Golden Glow, strong roots, 5c. Perennial phlox, best sorts, 10c. Hydrangea pan. grand., 8c; tree-shaped specimens, 25c. Other fine 2-yr. shrubs, deutzias, spiraeas, weigelias, snowball, honeysuckle, etc., 10c.
W. H. Salter, Rochester, N. Y.

Helianthus, hardy dwf. sunflower, multiflorus dbl. and rigidus single, 2-in., 30c doz., $2.00 100. Rudbeckia Golden Glow, 2-in., 40c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Hardy larkspur, 500 clumps 1-year-old, dark blue, field-grown, $6.00 per 100. Hardy foxglove, 300 field-clumps, 1-year-old, $8.00 per 100. Cash, please.
Otis F. Searles, L. B. 288, Nashua, N. H.

Achillea The Pearl, 2½-in. pots, $2.00 100, $18.00 1000. Rudbeckia Golden Glow, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Hardy garden carnations, extra fine, to bloom in June, $3.00 100.
J. Sylvester, Oconto, Wis.

Hardy sweet peas, white and pink, 2½-in. pots, $1.50 100.
"Critchell's," Avondale, Cincinnati, O.

For your trees, shrubs, vines and small fruits, send to
WM. H. MOON CO., Morrisville, Pa.

Pin oaks, 10 to 12 feet, $1.00 each, $75.00 per 100. Samuel C. Moon, Morrisville, Pa.

Pyrethrum, 2½-in., $2.25 100. Cash.
Converse Greenhouses, Webster, Mass.

HELIOTROPES.

Heliotropes, 6 best sorts, 2-in., 35c doz., $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Heliotropes, $5.00 1000; 2-in., $2.00 100, $18.00 1000.
C. Humfeld, Clay Center, Kan.

Heliotropes, best dwarf varieties, 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

Heliotropes, purple, 4-in. pots, in bud, 4c.
J. A. Keeney, Monongahela, Pa.

Heliotrope Florence Nightingale, $2.50 100.
Springfield Floral Co., Springfield, O.

Heliotropes, blue, 4-in. pots, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Heliotropes, best varieties, $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HIBISCUS.

Hibiscus, 10 leading sorts, dbl. and single, 2-in., 40c doz., $3.00 100, $25.00 1000.
Good & Reese Co., Springfield, O.

Hibiscus, best varieties, 2¼-in., $2.50 100.
The McGregor Bros. Co., Springfield, Ohio.

HOLLYHOCKS.

Hollyhock New Allegheny, ever blooming, fine plants, $1.20 per 100; $10.00 per 1000. Express prepaid. Cash.
Des Moines Plant Co., 38th St., Des Moines, Ia.

HONEYSUCKLES.

Honeysuckles Hall's Japan, Chinese Evergreen and Golden Leaved, 2-in., 40c doz., $2.50 100, $22.50 1000. Good & Reese Co., Springfield, O.

Honeysuckles Halliana, Chinese Evergreen, Golden Leaved, $2.00 100.
Springfield Floral Co., Springfield, O.

Hall's Japan, field-grown, strong, $4.00 per 100. Cash. Benj. Connell, West Grove, Pa.

HYDRANGEAS.

Hydrangea pan. grand., clematis, H. P. roses and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Hydrangea Otaksa, for outdoor planting, 6-in. pots, $3.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

Hydrangea Otaksa, good plants from $3.00 to $9.00 per doz.
Crown Point Floral Co., Crown Point, Ind.

Hydrangea monstrosa, 2½-in., $3.00 100, $25.00 1000. Springfield Floral Co., Springfield, O.

IVY.

Hardy English ivy, 2¼-in., 40c doz., $2.00 100, $15.00 1000; rooted cuttings, 75c 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Ivy, German and English, 2-in., $1.75; rooted cuttings, 50c 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Hardy or English ivy, 4-in. pots, $10.00 100; 3-in., $7.00 100; 2½-in., $5.00 100.
G. Aschmann, 1012 Ontario St., Phila.

From 2¼-inch pots, German, $1.50 100; English, $3.00 100. Cash.
R. I. Hart, Hackettstown, N. J.

English ivy, 2½ and 3-in. pots, $2.50 and $4.00 per 100. H. Bornhoeft, Tipton, Ind.

Ivy. Hardy English, very strong 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

English ivy, 2½-in., $3.00 100; 5-in., $1.00 doz. Noack, Batavia, N. Y.

English ivy, 3½-in., $3.50 100.
Converse Greenhouses, Webster, Mass.

German ivy, 2-in., $1.20 100.
F. Griswold, Worthington, Ohio.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
Suzuki & Iida, 31 Barclay St., New York.

Japanese bamboo plants, large size, in fine condition. Bambusa nana, pygmaea, Alphonse Karri, 50c each, $5.00 doz. B. aurea, 45c each, $4.50 doz. B. argenteo striata, Veitchii, 60c each, $6.00 doz. Collection 1 plant each, 6 var., $3.00; 6 plants each, 6 var. (36 plants), $15.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

JASMINES.

Jasmines Grand Duke, Cape, 2-in., 50c doz., $4.00 100, $35.00 1000. Grandiflora, poetica, revolutum, 2-in., 40c doz., $2.50 100. Maid of Orleans, 2-in., 50c doz., $3.00 100.
Good & Reese Co., Springfield, O.

LANTANAS.

Lantanas, 4 varieties in bud and bloom, 2½-in. pots, $2.50 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Lantanas, 10 var., 2¼-in., 40c doz., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantanas, weeping, 2-in., 30c doz., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

Lantanas, assorted, 2-in., $2.00 100.
Springfield Floral Co., Springfield, O.

LILY OF THE VALLEY.

Lily of the valley. Berlin variety. Have grown same in this country for 10 years. Planting pips, $2.50 per 1000; $20.00 per 10,000.
Klehm's Nurseries, Arlington Heights, Ill.

Lily of the valley pips from cold storage, in original cases of 500, 1000 and 2500. Prices on application.
Chas. F. Meyer, 99 Warren St., N. Y.

Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Cut flowers of lily of the valley at all times, $3.00 and $4.00 per 100.
Anton Schulthels, College Point, L. I., N. Y.

Cut lily of the valley of good quality always on hand.
August Jurgens, 134 Herndon St., Chicago.

Lily of the valley from cold storage, $15.00 1000. A. T. Boddington, 35 Warren St., N. Y.

LOBELIAS.

Lobelias, 2 and 2½-in., fine plants from cuttings, $2.25 100. Cash.
Converse Greenhouses, Webster, Mass.

Lobelias from cuttings, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

MANETTIAS.

Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MOONVINES.

Mexican morning glory (Ipomaea mexicana), strong 2 and 3-year-old roots, $1.50 per doz. Cash with order please. W. W. Stertzing, 7280 Old Manchester, St. Louis, Mo.

Moonvines, blue, 2¼-in., 50c 100. $2.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Moonvines, white, 2¼-in., $3.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

MYRTLE.

Myrtle for cemetery planting, $1.00 and $1.50 per 100. Samples free.
S. J. Galloway, Eaton, Ohio.

OLEANDERS.

Oleanders, double pink, white and yellow, 2½-in., $4.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

PALMS, ETC.

Palms, fine plants; more for your money than from Belgium.

Latania borbonica,	from	5½-in. pots		$25.00 100
Kentia Belmoreana,	"	3-in.	"	15.00 "
" "	"	4-in.	"	25.00 "
" "	"	4½-in.	"	35.00 "
" "	"	5-in.	"	45.00 "
" Forsteriana,	"	3-in.	"	20.00 "
" "	made-up plants, 5 to 7 in. pots, about 2½ to 3-ft. high, $18.00 per doz.			

Cash with order, please.
A. Schultheis, Box 78, College Point, New York, N. Y.

	100
300 Kentia Forsteriana, 3-in. pots	$12.00
600 Kentia Forsterians, 4-in. pots	25.00
200 Kentia Belmoreana, 4-in. pots	25.00
200 Latania borbonica, 5-in. pots	25.00

Walker & McLean, Youngstown, Ohio.

Palms. We have a fine assortment of palms, all sizes. See our catalogue for prices.
Good & Reese Co., Springfield, O.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Pandanus Veitchii, pedestal-grown, 12-in. pots, $6.00 each.
John W. Young, Germantown, Pa.

Latania borbonica, 4-in., showing character, $8.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

100,000 now in bloom, extra large field-grown plants. They are the kind that sell. $2.00 100, $20.00 1000.
A. A. Sawyer, 23 S. Harlem Ave., Oak Park, Ill.

Pansies, twice transplanted, in bud and bloom, all the finest strains grown, per 100, $2.00; once transplanted fine plants, in bud and bloom, per 100, $1.00. J. Sylvester, Oconto, Wis.

Giant pansies, finest strain of seeds; in bud or bloom, $1.20 per 100; $10.00 per 1000. Express prepaid. Cash.
Des Moines Plant Co., 38th St., Des Moines, Ia.

Pansies in bud and bloom, $1.25 100; $10.00 1000. Cash with order.
Peter Brown, 124 Ruby St., Lancaster, Pa.

Pansies, finest strain in bud and bloom, $1.25 100, $10.00 1000.
F. Griswold, Worthington, Ohio.

Pansies and English daisies in bloom, $2.00 100. Cash. I. Merwin Rayner, Greenport, N. Y.

PELARGONIUMS.

Pelargoniums, 10 best named varieties, 2½-inch, $3.00; 3½-inch, $6.00 per 100, all in bud and bloom. J. Sylvester, Oconto, Wis.

Pelargoniums, 2½-in.; 2 good varieties at $2.50 per 100. Krueger Bros., Toledo, O.

PEONIES.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, 12c. W. H. Salter, Rochester, N. Y..

PETUNIAS.

Petunias, dbl. fringed, 6 distinct var. from 2½-in. pots, labeled, $2.00 100, $18.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Petunias, double, named varieties, nice stock in 2½-in. pots, $3.00 per 100; $25.00 per 1000.
McGregor Bros. Co., Springfield, O.

Petunia Seafoam White, strikingly variegated, some in bud and bloom, $2.50 100.
C. M. Niuffer, Springfield, O.

Petunias, rooted cuttings, strong, $1.00 100.
C. Humfeld, Clay Center, Kan.

Double white petunias, 2½-in., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Philadelphia.

Dbl.-fringed petunias, good varieties in bud and bloom, $2.50 per 100; $20.00 per 1000; 250 at 1000 rate. Krueger Bros., Toledo, O.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Petunias, 2½-in., fine plants, $2.50 100. Converse Greenhouses, Webster, Mass.

Seedling petunias, $2.50 100. Jos. H. Cunningham, Delaware, O.

POINSETTIAS.

Poinsettias, strong, dormant plants from bench, $10.00 per 100.
Thorn Hedge Greenhouses, Newtown Square, Pa.

PRIVET.

Privet, California and Amoor River, 15 in. high, 50c doz., $3.00 100; 24 in. high, 60c doz., $4.00 100.
Good & Reese Co., Springfield, O.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Eisele, Box 100, West End, N. J.

Ligustrum Ibota, hardy Japan privet, 4 to 5 ft., $10.00 per 100, $80.00 per 1000.
Samuel C. Moon, Morrisville, Pa.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendron maximum, absolutely hardy, well-rooted layers and young plants for nursery, 10 to 24 inches high, at $10.00 per 100. Strong plants and specimens, from 20 to 48 inches high, at 50c to $2.00 each. No charge for packing, etc.
A. E. Wohlert, 6222 Broad St., Pittsburg, Pa

ROSES.

REDUCED PRICES TO CLOSE OUT FROM 2½-IN. POTS. EXTRA FINE PLANTS.
HYBRID PERPETUALS, $3.50 per 100, $30 per 1000. Anne de Diesbach, pink; Baron de Bonstettin, maroon; Caprice, striped; Caroline de Sansal, rose; Cl. Jules Margottin, pink; Clio, flesh; Coquette des Alps, white; Coquette des Blanches, white; Duc de Rohan, vermilion; Fisher Holmes, crimson; Gen. Jacqueminot, crimson; Gen. Washington, red; John Hopper, pink; John Keynes, maroon; Jules Margottin, carmine; La Reine, rose; Mme. Gabriel Luizet, rose; Mme. Georges Bruant, white; Magna Charta, rose; Marchioness of Lorne, red; Margaret Dickson, white; Maurice Bernardin, red; Mrs. Cleveland, flesh; Mrs. John Laing, pink; Mrs. Sharman-Crawford, rose; Oakmont, pink; Paul Neyron, pink; Pierre Notting, maroon; Pride of Waltham, carmine; Prince Camille de Rohan, maroon; Ulrich Brunner, red; Victor Verdier, rose.
TEAS and HYBRID TEAS, $3 per 100, $25 per 1000.
Champion of the World, Clothilde Soupert, flesh; La France, pink; Pink Soupert, deep pink;
CLIMBING and RAMBLER ROSES, $3 per 100, $27.50 1000.
Baltimore Belle, blush; Crimson Rambler, crimson; Empress of China, red; Helene, rose; Pink Rambler (Euphrosyne), pink; Queen of the Prairies, red; Russell's Cottage, crimson; Seven Sisters, pink; Tennessee Belle, blush; White Rambler (Thalia), white; Wichuraiana, white; Yellow Rambler (Aglaia), lemon.
DOROTHY PERKINS, new, shell-pink, $5 per 100; $45 per 1000.
25 at 100-rate, if not less than 5 of a variety; 250 at 1000 rate, if not less than 25 of a variety; offered subject to our usual terms and conditions of sale.
JACKSON & PERKINS CO., Newark, New York.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme. C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am. Beauty.	6.00	50.00			

2-year-old plants from benches.

	100	1000		100	1000
Am. Beauty.	$6.00	$50.00	Ivory	$3.00	$25.00
Maid	3.00	25.00	G'den Gate	3.00	25.00
Bride	3.00	25.00	Kaiserin	3.00	25.00
Perle	3.00	25.00	Liberty	6.00	50.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty	5.00	45.00
Liberty	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses. Strictly No. 1 stock. Maids, Brides, Gates, 2½-in., $25.00 1000; 3½-in., $50.00 1000. Beauties, 2½-in., $6.00 100, $50.00 1000.
Old Beauties, from bench, $6.00 100. Old Teas, from bench, $4.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants.

		100	1000
American Beauty,	2½-in. pots	$5.50	$45.00
American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
3-in. ..... $6.00 per 100; $55.00 per 1000
4-in. ..... 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

GRAFTED ROSES—Kaiserin, Carnot, Brides and Bridesmaids, 2¼-in. pots, $15.00 per 100; $120.00 per 1000. OWN-ROOT STOCK—Kaiserin, Carnot, Brides and Maids, 2¼-in. pots, $4.00 per 100; $35.00 per 1000. American Beauty, 2¼-in. pots, $6.00 per 100; $50.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $60.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

	100 2½-in.	100 3-in.		100 2½-in.	100 3-in.
Beauties	$5.00	$8.00	Maids	$3.00	
Perles	3.00	6.00	Brides	3.00	$5.00
Meteors		6.00	GoldenGates	3.00	5.00
Ivory	3.00	5.00	Special price on 1000.		

W. H. Gullett & Sons, Lincoln, Ill.

Fine grafted rose plants, 3½-in. pots, $12.00 100; $100.00 1000. Bride, Bridesmaid, Ivory, Golden Gate, $15.00 100. Franz Deegen, $15.00 100. Own root stock, 3-in. pots, $3.50 100; $30.00 1000. Franz Deegen, $6.00 100.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

GRAFTED ROSES, ready now. We have grafted 100,000 rose plants on Manetti, all from choice flowering wood. Bridesmaids, $12.00 per 100; Liberties, $15.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

GRAFTED ROSES. Liberty, Bridesmaid, Bride and Golden Gate. Only the best English Manetti used, and plants are strong and vigorous with abundant roots, ready now to ship or re-pot into 3½-in. pots. Beauties on own roots. Robert Simpson, Clifton, N. J.

American Beauties. Fine stock in 2x2½-in. and 3-in. pots. Get the best, they will pay the difference in cost in first cut as they will be so far ahead of younger stock. Write
Geo. A. Kuhl, Pekin, Ill.

We have ready for immediate shipment H. P. roses, clematis, Hydrangea pan. grand., and other hardy vines and shrubs. Nice well-rooted stock, grown especially for the trade.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100, $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses.	100	1000
Bride, Maid, Gate, Ivory	$3.00	$25.00
Perle	3.50	30.00

From 2½-in. pots. Thrifty plants.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Roses. 2500 Perles, very strong; 3000 Kaiserins; 4000 Cochets, pink and white; 5000 Hermosas; 2500 C. Souperts, 3-in., $5.00 100; $45.00 1000.
J. D. Brennemann, Box 24, Harrisburg, Pa.

H. P. roses, fine 2-yr., field grown plants. Gen. Jacqueminot, La France, etc., leading sorts, 12c. Crimson Rambler, 2-yr., strong, 12c. C. Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
L. B. Coddington, Murray Hill, N. J.

Surplus stock—Grafted—Maids, Cusins, $12.00 per 100. Own roots—Perles, Cusin, 3-in., $8.00 per 100; Bon Silene, 2½-in., $6.00 per 100.
John Breitmeyer's Sons, Detroit, Mich.

Hermosa and hybrid roses, 4-in. pots, $10.00 100. Pres. Carnot and other mixed var., very strong, 5½-in. pots, $2.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

American Beauties, 2-in., to close out, $40.00 per 1000. Meteors, 2½-in., $20.00 per 1000. All strictly first-class.
J. A. Budlong, 37 Randolph St., Chicago.

AMERICAN BEAUTY ROSES, first crop now ready. Strong plants from 2½-in., $6.00 per 100; $50.00 per 1000.
Robt. Scott & Son, Sharon Hill, Pa.

The grand, new pink rose LA DETROIT, now in 3-in. ready for planting, $25.00 per 100; $200.00 per 1000.
John Breitmeyer's Sons, Detroit, Mich.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

Queen of Edgely, 2½-inch, $6.00 100; $55.00 1000; 3-inch, $8.00 100; $75.00 1000. Old stock, $6.00 100. Geo. Harrer, Morton Grove, Ill.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Brides, Bridesmaids, Golden Gates, Ivory and Meteors, 2½ and 3-in., $3.50 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Roses. Bridesmaid roses from 3½ and 4-in. pots, extra fine, $4.50 100; $40.00 per 1000.
E. T. Grave, Richmond, Ind.

BEAUTIES, 2¼-in., 3-in. and 4-in. stock, IVORY, 3-in. Write for special prices.
J. F. Wilcox, Council Bluffs, Iowa.

Yellow Ramblers, dormant, $6.00 100; Magna Charta, dormant, own root, $7.00 100.
Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Brides, Maids, large bushy plants, 2½ and 3-in., $3.00 and $4.00 100.
H. Bornhoeft, Tipton, Ind.

Roses. Kaiserin and Perle, 2½-in., $3.00 100. Brides and Maids, 2½-in., $2.50 100.
J. C. Murray, Peoria, Ill.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Brides and Maids, 3-inch, strong, $4.00 100. Cash. R. I. Hart, Hackettstown, N. J.

Bride, Maid and Golden Gate roses, 2-in., $3.00 100. S. D. Brant, Clay Center, Kan.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvia splendens and Bonfire, strong 3 and 4-in., $3.00 and $4.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia Bonfire, strong plants, 2-in., $2.00 100, 300 for $5.00. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

Salvia Bonfire from thumbs, $1.25 per 100. Cash with order.
The Kaber Co., La Porte, Ind.

Salvia splendens, 4-in. pots, stocky plants, 4c.
J. A. Keeney, Monongahela, Pa.

Salvia Triumph, 2½-in., $3.00 per 100.
William Clark, Batavia, Ill.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Primula—P. obconica grandiflora, large-flowering, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

Orders booked now for seed of Burbank's Ever-Bearing Crimson Winter Rhubarb for autumn delivery. Send for circular and catalogue. Theodosia B. Shepherd Co., Ventura, Cal.

SEEDS—Continued.

	100	1000	5000
Asparagus plumosus nanus..	.50	4.00	18.00
Asparagus Sprengeri	.20	1.00	4.00

Dracaena indivisa, oz., 25c; lb., $2.00. D. australis, oz., 40c; lb., $4.00 Smilax seed, oz., 20c; lb., $1.75.

Primrose, Chinese	100	500	1000
Alba magnifica, white.....	.25c	$1.00	$1.75
Kermesina, crimson	.25c	1.00	1.75
Delicata, beautiful rose.....	.25c	1.00	1.75
Coccinea, scarlet	.25c	1.00	1.75
Sanguinea, blood red.....	.25c	1.00	1.75
Holborn, blue	.30c	1.25	2.00
All colors mixed.....	.20c	.85	1.50

Primula Forbesi (Baby primrose), pkt., 25c; trade pkt., 50c. Primula obconica, giant flow., fringed, rosea, alba, pkt., 25c; trade pkt., 50c. All colors mixed, pkt., 20c; trade pkt., 40c. Cineraria stellata hyb., blue, lilac, lavender, white, pkt., 100 seeds, 10c; 500, 40c. Cineraria hyb. grand. maximum, pkt., 500 seeds, 25c; 5 pkts., $1.00; dwarf, pkt., 500 seeds, 25c; 5 pkts., $1.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Calceolaria hybrida grand. and compacta, James' superb strain, 60c per ⅛ trade pkt., $1.00 per trade pkt. C. rugosa, shrubby, 34c packet (small). Cineraria grand., blue, crimson, white, dwarf mixed, medium tall mixed, 60c per ⅛ trade pkt., $1.00 trade pkt. James' giant strain mixed, same price as above. Choice mixed hybrids, ⅛ trade pkt., 30c; trade pkt., 50c; dbl. mixed, ⅛ trade pkt., 60c; trade pkt., $1.00. Sutton's stellata (Star cineraria), original pkt., 60c. Stellata hyb., original pkt., $1.00. Maritima candidissima, white leaved, trade pkt., 10c; oz., 25c.
Henry F. Michell Co., 1018 Market St., Phila.

SEASONABLE SEEDS for present sowing. Quality second to none. Calceolaria, cineraria and primula seed, 50c trade pkt. Send for trade list.
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Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
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ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
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Van Namen's Excelsior Holland cabbage seed, pkt., 25c; ¼ lb., 75c; 1 lb., $2.00.
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Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
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Bannister Bros., Syracuse, N. Y.

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Good & Reese Co., Springfield, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

2-in. smilax, $1.20 100, $10.00 1000.
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CELERY—White Plume and Golden Self-blanching, 25c per 100; $1.00 per 1000.

PEPPER — Bull Nose, Ruby King, Sweet Mountain, 40c per 100; $2.00 per 1000.

PARSLEY—Moss Curled, 25c per 100; $1.25 per 1000.

Cash with order.
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Cabbage—Succession, Wakefield, Danish Ballhead, best of all late cabbage, true seed, $1.25 1000.

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TOMATO—Plants, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.

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1500 Vinca var. major, strong plants, 4-in., $7.00 100. Cash or C. O. D.
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Vinca variegata, 4-in. pots, extra heavy, $10.00 100.
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Vinca variegata, good for baskets and boxes, $7.00 per 100. O. A. Stoll, Oxford, Mich.

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Japan bamboo cane stakes, 5 ft., 65c 100, $2.50 500, $4.50 1000; bundle of 2500, $10.00; 6 ft., 75c 100, $3.25 500, $6.00 1000; bundle of 2500, $13.00.
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Buy your moss now while we are curing it, 1 bale or 100 at 60c each.
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In its pages every phase of chrysanthemum culture is thoroughly covered in a practical way, the phraseology being so simple and clear that the amateur may profit by it as well as the professional. It is a valuable addition to our trade literature, and the low price of 25 cents (in paper covers) at which it can be supplied postpaid by the REVIEW, brings it within the reach of everyone. The scope of the work is well shown by the titles of the leading chapters, which are: History, Stock Plants, Propagation, Specimen Plants, Packing Plants, Exhibition Blooms, Commercial Flowers, Insects, Diseases, Seedlings and Sports, Preparing Exhibits, Exhibitions, Types, etc. There are eighteen good illustrations.

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All soft bodied insects in the greenhouse may be successfully fought with what is known as the kerosene emulsion. It consists of one-half pound hard soap shaved fine, one gallon water and two gallons kerosene. Dissolve the soap in the water, which should be boiling. Remove this from the fire and pour it into the kerosene while still hot. Mix by churning, with a spray pump if you have one at hand, until it changes to a creamy and finally, a soft, butter-like mass. This stock will keep indefinitely. For use add one part of the stock preparation to from ten to thirty times as much water. As many plants will be affected differently by the spray it is best to begin with the weak solution.

PROGRESS IN HORTICULTURE.

I never look over one of these extensive glass-roofed gardens—like Rochford's at Old Turnford—without saying to myself that the demands of Covent Garden and other large markets have led to some of the most remarkable phases of horticultural perfection, both practical and economic, ever seen in British horticulture. We all know the dictum of Adam Smith, who, in writing his celebrated "Wealth of Nations" in 1776, said market gardening was a poor calling because nearly all persons able to purchase garden produce were also able to grow their own supplies. This was probably quite true at the time, but the growth of large towns and manufactures, the increase of population, etc., have altered things, and to-day, not only is there a good open market for edible garden produce grown in England, but for imported fruit, vegetables, and flowers to the annual value of many millions of pounds as well.

One very patent sign of progress nowadays consists in the specialization going on, especially in trade or market gardening. Some, indeed, many, of our best cultivators are specialists in the best sense of the word. It is easier and cheaper to grow a house full of one thing than a house full of many things. One man becomes famous for grapes or peaches, and another for rhubarb and seakale, or asparagus, or even mushrooms; another grower takes up carnations or roses, palms or ferns; and we have even specialists devoted to lily of the valley who can supply flowers of it practically every day in the year. We have tomato, potato, sweet pea, and daffodil specialists, and these men are bound to surpass growers who divide their capital and attention among too many separate things. The word specialist spells progress.—Gardeners' Magazine.

Bucksport, Me.—On the morning of May 12 fire did great damage to the greenhouses of Buckley & Preble. The blaze originated about a temporary heating apparatus. Two carnation houses, one 115 feet long, the other 125, were completely destroyed and a rose house sixty-six feet long was badly burned. To restore the plant will cost $3,500 and in addition there was the loss on stock just at a time when prospects for a profit were brightest. There was insurance to the amount of a few hundred dollars. Property adjoining the greenhouses caught from the fire, so that the blaze was the most disastrous the town has seen in some years.

Covington, Ky.—John Gillespie, a florist, became weary and lay down beside the railroad track. A spark from a passing engine set fire to his clothing and he was seriously burned.



To Close (em) OUT QUICK.

COLEUS—2½-in. $2.00 per 100, $18.00 per 1000. Rooted cuttings, $4.00 per 1000.

AGERATUMS—Stella Gurney and Pauline, big strong cuttings ready to set out, $4.00 per 1000; 2-in., $1.50 per 100.

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MME. SALLEROI GERANIUMS—$1.00 per 100; $8 per 1000. 2-in., $2.00 per 100; $18 per 1000.

ALTERNANTHERAS—Red and yellow strong cuttings, $4.00 per 1000.

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Boston Ferns. Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000.
Special price on large quantities.

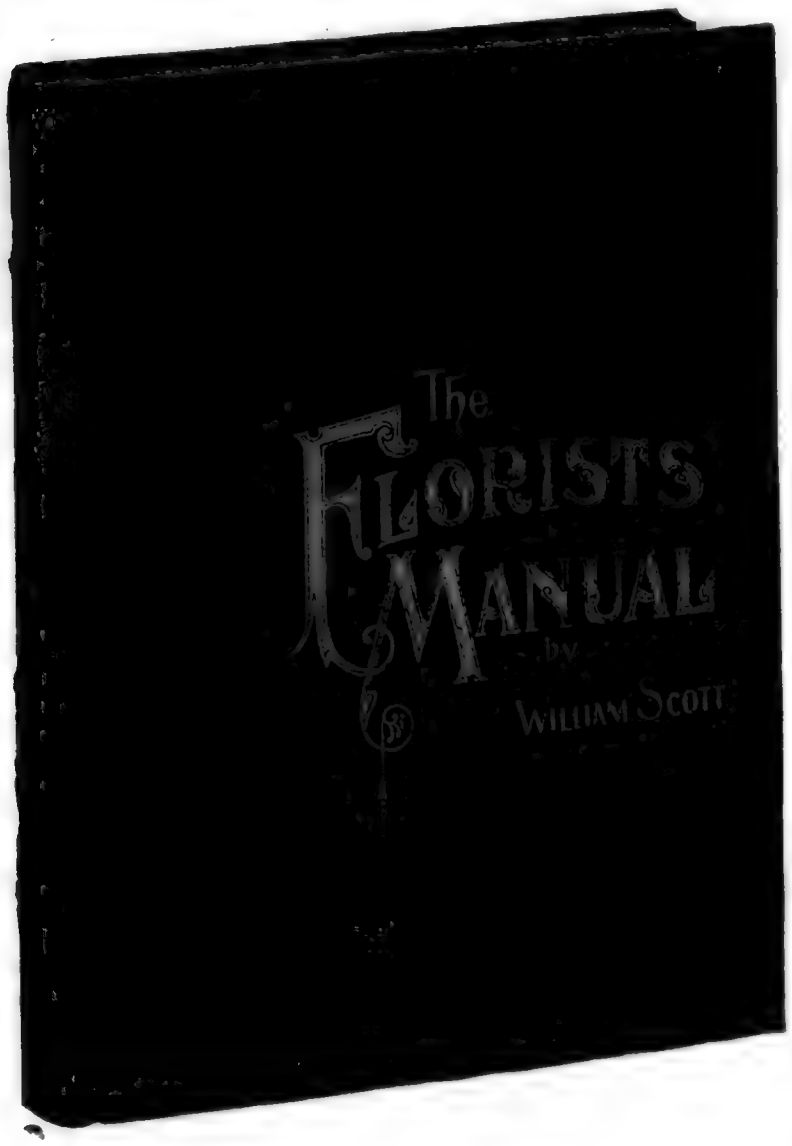
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OFFICE OF STATE VICE-PRESIDENT SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.
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Very respectfully, CHAS. L. SEYBOLD, Patterson Park.

Mr. Seybold is superintendent of Patterson Park, one of the largest parks in the city of Baltimore. He is a member of the Maryland Horticultural Society and a member of the American Park and Outdoor Art Association.

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Alternanthera, red	20.00	3.00	.50
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Shiocton, Wis., April 5, 1904.
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TORONTO.

The Market.

During the last week or ten days the weather has been anything but favorable. Frosts at night, cold, wet, dreary days have had the effect of retarding spring growth so much that but little bedding stock has been moved thus far. In this locality it is generally considered that the bulk of the bedding trade is done by June 1, but this year, from present prospects, it will just be nicely commenced.

In the cut flower business, trade has been fairly good, and although the quantity of roses, carnations and other cut flowers was large, yet the demand at most times seemed quite equal to it. The Ontario Jockey Club races have opened and this usually makes quite a demand for the better class of flowers, such as American Beauties, good roses and first quality carnations.

Various Notes.

We understand that W. J. Lawrence is thinking seriously of selling his retail store and going into growing and wholesaling entirely.

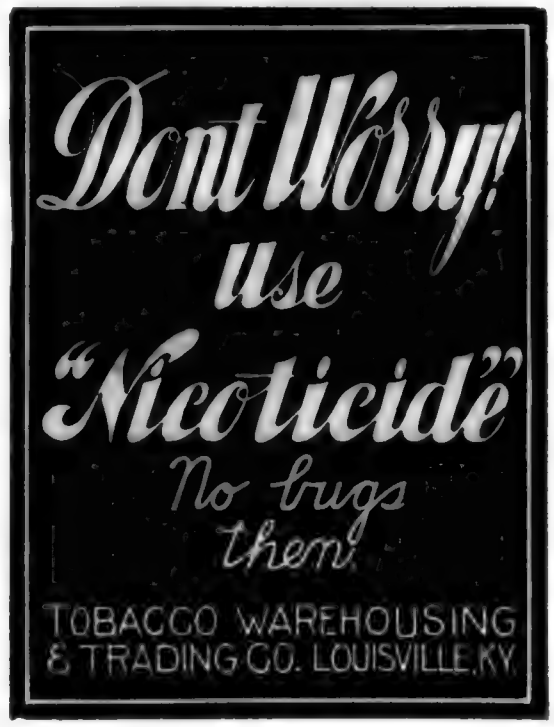
Harry Jennings paid us a flying visit this week. He informs us that he is leaving London and is going into a new range of houses that is being built in Berlin.

The Northwest Toronto Rate Payers' Association is organized for the improvement of the northern section of Ward Six. Meetings are held on the first Monday of each month at Dunlop's greenhouses. John H. Dunlop is president and D. J. Sinclair secretary. D. J.

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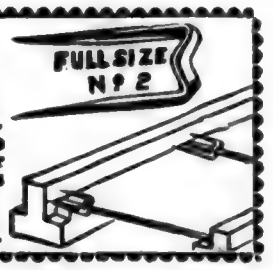
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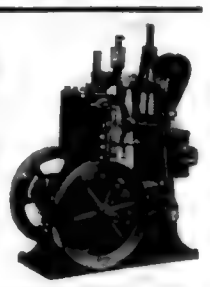
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BOILERS 2 No. 16 Hitchings at $45 00. 3 No. 17 at $55.00. 1 No. 19 Hitchings, $65.00. 2 No. 3 Scollay at $25.00. 3 No. 5 Scollay at $40.00. 1 Richardson, steam, 1300 feet steam, $45.00. 1 500 feet steam, $35.00.

PUMPS Rider-Ericsson. Second-hand, from $45.00 up; all repairs; other makes; new; cheap.

PIPE New 2-in. full lengths, with coupling, 9¼ cts. a foot. Good serviceable second-hand, 2-in., 6¼ cts.; 1¼-in. 5½ cts.; 1¼-in.. 3¾ cts.; 1-in., 3 cts.; ¾-in., 2¼ cts. New and old fittings and valves.

STOCKS and DIES New Economy, best made, No. 1. Threads, 1¼-in., ¾-in. 1-in. pipe, $3.00. No. 2 Threads, 1¼-in., 1½-in., 2-in. pipe, $4.00.

PIPE CUTTERS New Saunders Pattern. No. 1 cuts ⅛-in.-1-in. pipe, $1.00. No. 2 cuts 1-in.-2-in. pipe, $1 30.

STILLSON WRENCHES New. 18-in., gripe ¼-in.-2-in. pipe, $1.65; 24-in., gripe 1¼-in.-2½-in. pipe, $2.40; 36-in., gripe ½-in.-3½-in. pipe, $4.75.

PIPE VISES New. No. 1 Hinged, gripe ⅛-in.-2 in. pipe, $2.25.

GARDEN HOSE New. ¾-in., guaranteed 100-lbs. pressure, 7¼ cts. per ft.; ¾-in., not guaranteed, 4¾ cts. per ft.

GLASS New American, natural gas made, 50-ft. boxes 16x24, double, $3.31 a box; 16x18 double, 14x20 double and 12x16 double, $3.05. 12x16 single, $2 35; 12x12 and 8x10, single, $2.25. (Carload and import orders solicited).

HOTBED SASH New. Cypress, 3-ft.x6ft., from 70 cts. up; glazed, complete, from $1 60 up.

TREE GUARDS 400, 5 ft. 6 in. high, 10 in. diam., $1 25 each. Good as new.

OLD GREENHOUSES BOUGHT.

Get our prices on **New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.**

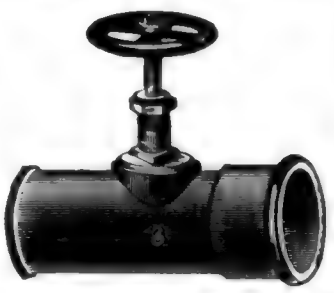
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CINCINNATI.

The Market.

We are now having regular summer weather and when one considers that for four or five days last week the thermometer sank dangerously near the freezing point, it is quite a change. All kinds of flowers have very much of a midsummer aspect. Carnations are smaller and roses of poor quality. Beauties are holding out well. Other red roses are scarce. The supply of other varieties is large but as there is a pretty fair demand the majority of them are sold at some price. The few cold and dark days have cut down the supply of carnations greatly and there are scarcely enough to fill orders. The price has advanced many points also. Sweet peas have been selling very well. Outdoor valley is in and some of it very good; it brings from 50 cents to $2 per hundred. A few new ferns are coming in from the south, but they are still too soft to be of much use.

Various Notes.

The planting season is now on in full force and it is proving to be first class. Many of the growers have as much as they can do taking care of their orders in this department, so they are rather neglecting their cut flowers, which have not been very profitable of late.

The general demand was much better this week than last and with Decoration day but a few days off every one is feeling in a better humor. There is scarcely a doubt but that flowers will be scarce then and prices rule correspondingly high.

Mr. and Mrs. C. E. Critchell are in the city. Charlie has severed his connection with the Atlanta Floral Co., of Atlanta, Ga., and is at present spending a few days visiting the home folks and his many friends.

Miss Roberts, of Springfield, O., is here to make a study of the retail business. She will presently take the place in a Springfield store recently left vacant by the marriage of Miss Alice Barnes.

Visitors: A. C. Kohlbrand and Mr. Leverly, both of Chicago.

C. J. Ohmer.

GREENHOUSE MATERIAL

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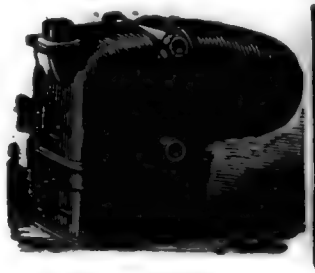
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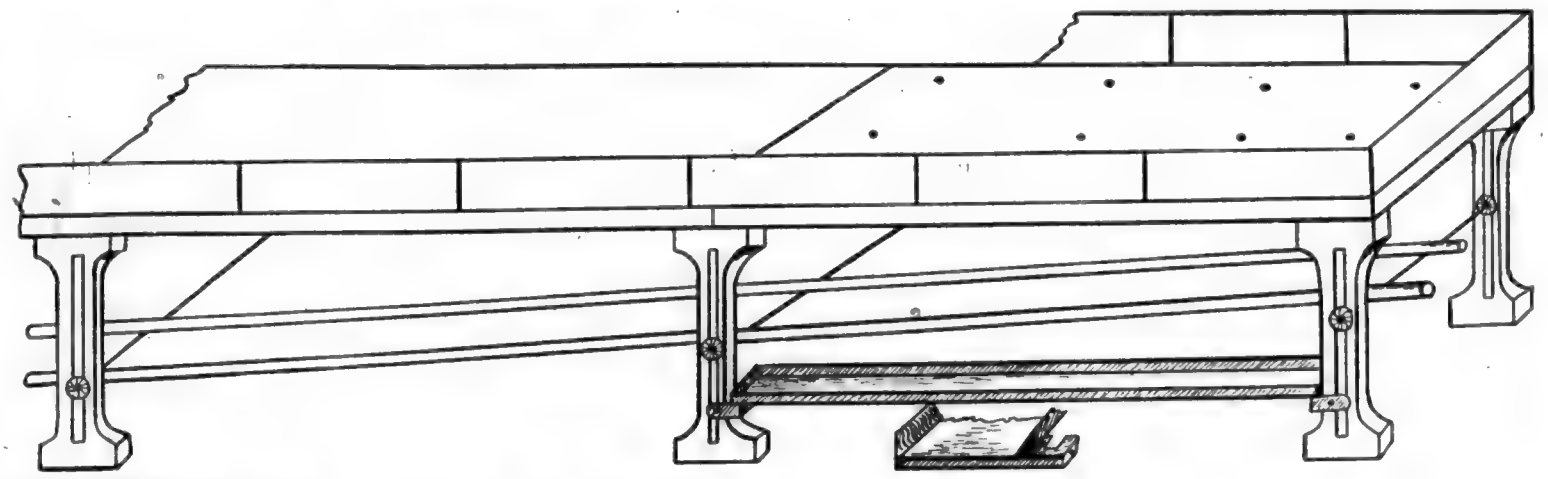
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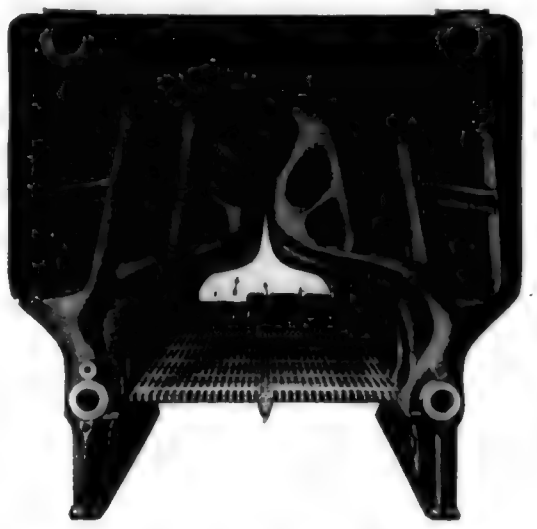
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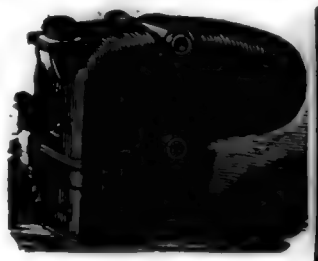
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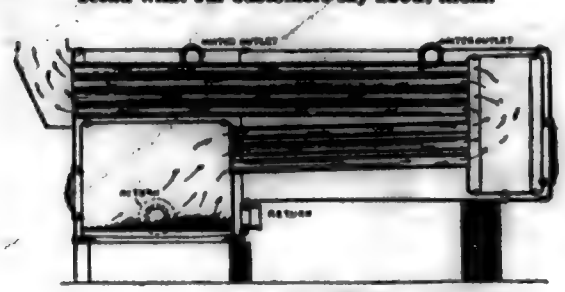
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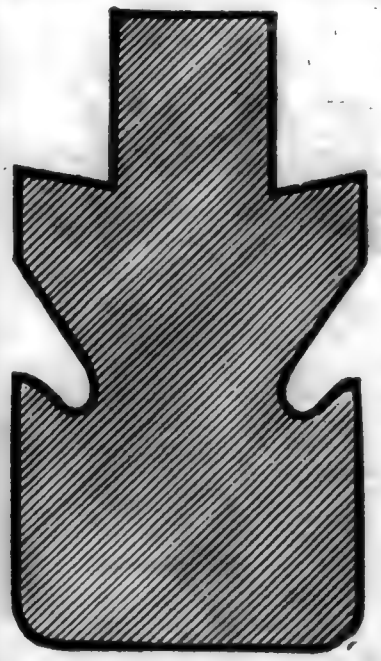
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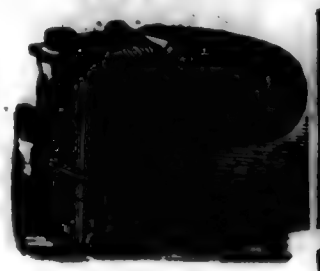
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THE RETAIL FLORIST.....

THE VACANT CHAIR.

The accompanying illustration is from a photograph of a very handsome vacant chair made for the obsequies of the mayor of Knoxville, Tenn., by C. L. Baum, the artist being Miss Minnie Baum. The piece was three feet eight inches high and broad in proportion. The half-tone shows the material used and the excellent character of the wark.

COLOR HINTS.—II.

Shade and Tint.

In our last talk on color we discussed how to harmonize different colors and combinations of colors. This time we shall attempt to show how a color can find itself. There are two terms to be employed today, which should be well understood at the start. They are "shade" and "tint." By the word shade is meant the darkest, or one of the darker tones of any one color. By the word tint is meant the lightest or one of the lighter tones of the color. To better understand this, get out the color box again. Take, for example, a red. To find a shade of this color, mix it with black, and as you add more black, the red will become fainter, and the result of the mixture will be a darker red each time. These are the shades of the red with which we started. Now start again with a little of the pure red. Dilute it or mix it with white, and as you mix more white the color resulting from the mixture will become lighter and lighter, until finally you get a delicate pink. These light colors are the tints of the red. We see that the red runs all through from the darkest shades to the lightest tints.

In our last study we found that there must be some one color common to two or more flowers in order to make a harmonious combination. The same principle differently applied governs the use of tints and shades. Follow it out, and you will come upon many beautiful and rare combinations, which will make novel and catchy ideas. People will say, "I am tired of pink and white; suggest some other combination." Be able to demonstrate to them that a dark crimson and a delicate pink make a beautiful and artistic combination. The darker the red and the more delicate the pink, the richer and softer is the harmony. To illustrate: Take a cluster of Liberty roses and introduce to the group a few Golden Gates. In all the realm of color you can never find a finer combination. Another illustration of the same principle can be seen in the combination of Maceo and Morning Glory carnations. It is pleasing to the eye because there is a union and an easy blending of the same line of color from the shade to the tint as we see it discover itself.

Adding Intermediate Tones.

After some practice in this line you may introduce an intermediate tone or two, as when in using the Liberty and Golden Gate roses, some of the lighter Bridesmaid roses may be added to the group with good effect, for the coloring in the Bridesmaid rose is one of the tints of the red found in the Liberty.

All so-called white flowers have a tint or a trace of some color. It may be yellow, green, violet, red or blue. Find a rich dark color which to your eye is the shade corresponding to the tint found in this particular flower, and combine the two. Violets and white lilacs in a cluster well illustrate this point. In this combination purple in tint and shade is the one color. A brilliant yellow or orange in such flowers as chrysanthemums, zinnias, marigolds and others which are trying colors in most situations may be correctly used with flowers of a soft creamy white tint. This law of color harmony governs the use in this last combination also. Brilliant and trying magentas and purples are beautiful with very delicate pink and lilac tints; for example, Joost or Lawson carnations with Prosperity. Try in this line of coloring American Beauties and white lilacs together. The more hidden the common or connecting color is, the more delicate and fascinating is the picture. In other words, the darker the shade and the lighter the tint, the finer is the color work.

Among other questions that are apt to occur in this connection is, how many colors is it safe to use together? It is quite a fad nowadays among people who consider themselves qualified to dictate to the public taste to limit the amount of coloring to be used in a cluster or vase of flowers. Some even declare that it is poor taste to use more than one color. But I fail to see the reasonableness of this opinion. Nature blends many colors in one scheme. A flower of a pure, that is, unmixed color, is as rare as a vacuum. Use as many colors as you can blend. This rule will work both ways. If you have at hand two colors between which you can see



Vacant Chair for Funeral of Mayor of Knoxville, Tenn.

no connection, don't attempt to combine them. If you have a dozen colors and can thoroughly establish the harmony, use them all, the critics to the contrary notwithstanding. Of course, common sense and the everlasting fitness of things must be given due consideration, but don't be afraid to do and dare what you have seen nobody else do.

To Tone Down Brilliant Color.

Once upon a time we had an order for a large standing cross, to be made solid of dark crimson carnations, for the funeral of an elderly man. Fortune failed us in our efforts to get the right color, and we were compelled to use brilliant rose pink carnations. In order to subdue the holiday appearance of the design a veil of adiantums was thrown over the entire piece. The effect was soft and rich. Such flowers as Stevia serrata, and other fine-cut, spray-like racemes and panicles, are useful for just such finishing touches. Elderberry blossoms and flowers of such nature and appearance are very desirable for this purpose.

How to Proportion Color.

Above all things, avoid using equal quantities of different colors together. Make the proportions as unequal as possible. Have one color very much in excess, another one quite noticeable and others barely suggested. To illustrate this, take up almost any flower at hand. Suppose it is a Bridesmaid rose. You will find pink, yellow, green and possibly faint streaks of red in it, distributed in about this order: Very much pink, blotches of yellow at the base of the petals, relieved by a little green, and betraying the faintest traces of red along the veins here and there. Almost any other flower will follow out a distribution of color similar to this. Some will have fewer colors, but more will have many colors in irregular proportions.

The Use of Yellow.

There is one color common in some form to every flower that has come under my observation. That color is yellow. We are too shy of its use with other colors. Of course any yellow cannot be used everywhere, nor can we find easily yellows in common cultivation which may be used correctly with the other ordinary flowers. To find the yellow which you desire to use with any one flower examine the stamens or pistil found in that flower. With a crimson rose like the Liberty or Meteor there is a soft, subdued, old gold yellow as seen in the floral organs. If you do not find yellow in these parts or in plain sight on the petals or sepals, look down around the base of the petals or in the markings of some obscure part of the flower. Wherever found, the yellow which blends most closely with the flower's own yellow is the best one to combine with it.

Yellow sheds the most light of any color. Therefore, if you wish to brighten a dark corner, use masses of yellow. To have a yellow of any character at night, select a deep color, as artificial l[illegible] pales most yellows.

Much confusion results from different ideas of one color name. Very few people have the same idea of what any one color term means, for instance, scarlet or crimson. About the simplest and easiest way to convey color meaning is to describe a color by a variety of plant or flower well known to the trade, as, for example, everybody who knows the Crane carnation, or America, can get a good conception of what scarlet is, and can see crimson most easily by looking at a Liberty or Meteor rose. Be careful never to confuse these two reds. Scarlet and pink, however, delicate, must never be used together, but crimson and pink, as referred to above, make an excellent combination. There are variations and combinations which by and by your eye will refuse, and gradually your sense of color will develop, and combinations in which you formerly could see no fault will begin to be offensive, while new creations of color will continually occur to you. In all, you will find it a most fascinating and profitable study. Gertrude Blair.

THE BEDDING PLANT TRADE.

The season for spring bedding ordinarily closes with Memorial day, but the lateness of spring has this year retarded outdoor work to such an extent that in many sections it has little more than begun and everywhere considerable work yet remains to be done. Reports from all over the country are unanimous in saying that the season has been one of the best on record; larger quantities of stock are being used than ever before and at prices at which there can be little complaint. There is, of course, poor sale for rank and scraggly geraniums, but well-grown stock of the better bedding varieties is moving rapidly everywhere. Although the cry has often been made that the vinca is being used too universally and that something should be offered for variety, yet the people still want the vinca, as is attested by the fact that stocks of it were quickly cleaned up in most places, and those who have a surplus are finding a very ready market through the medium of the advertising columns of the Review. Pansies have sold finely too and there is a sale for every surplus lot. Although the season is not yet at its end, there are many sections of the country in which some, or several, items of necessary stock are already exhausted. Those who have worked up such large supplies that they may feel some doubt as to their ability to retail all their stock, should take advantage of the opportunity to find a buyer for their surplus before the season is too far advanced. Advertising in the Review will find a buyer for all kinds of good stock offered at a reasonable price.

MISCELLANEOUS SEASONABLE HINTS.

Decoration Day.

This is Decoration day and others are doing the work. The earth, the trees and the little carnation plants, recently put into the field are being decorated and refreshed by a gentle rain. Perhaps it is only local. We hope so, for welcome as is this warm rain it will disappoint millions who looked forward to the day and make a damp march for the fast dwindling ranks of the heroes of Gettysburg and Antietam.

We have been cutting a fine lot of lilac blooms from young bushes three to five feet high; that is their pruning. And besides the lilac there are the snowballs. Pyrus Japonica, forsythea and African tamarix will soon be out of flower and if you have large bushes and want to keep them from occupying more space now is the time to shorten back the growths that bore the flowers. In the case of the tamarix cut them right down as you would a willow. The strong growth they quickly make is most ornamental. If not cut down they soon become bare, straggling, unsightly bushes.

Begonias.

The very important winter plant, Begonia Gloire de Lorraine, will soon be needing close attention. Those plants propagated from leaves last winter, as well as the plants that you reserved for stock, will begin to grow actively the coming month. Little plants with two or three shoots will make very large plants for next winter. Old plants sending up young growths will give you cuttings that, if propagated, will make most useful plants. This beautiful begonia, as is well known, is a true hybrid. It is a cross between two species. If not a direct cross between two species, then varieties of two species, and that is why it is peculiar and difficult to manage. It does not enjoy our hot summer, as is proved by its making its most rapid and vigorous growth after the middle of September on to New Year's.

With the exception of the Rex begonias, to propagate which by the leaf it is necessary, in the fall months, to have a good bottom heat in the sand, all the begonias root well in the summer months without any fire heat. Keep them shaded during the day and moderately moist in the sand and Gloire de Lorraine and all the other begonias will root freely.

This is an opportune moment to speak of the condition of the propagating bed, for it is by no means out of use just now. When the chrysanthemum renaissance began some fifteen years ago we thought it necessary, in propagating them in June or July, and for which there are several uses, that we must put up a mild hot-bed in which to strike them. We did not know then that the chrysanthemum, as well as the poinsettia, would root in the sand in the propagating bench as well, if not as quickly, in July as in March, if you only keep them soaked and shaded from bright sunshine. By soaked I mean a thorough watering of the sand morning and evening on every warm, bright day and every morning whatever the weather.

To return to the begonias, not only is this a time to begin active work on the Lorraine, but on the many species and varieties which can be almost called shrubby. Metallica we will take as a type and the varieties and forms are now without number. They are not a very important class of plants, either as cut

flowers or as a florists' pot plant and yet in private greenhouses or as a window plant there is no genus of plants that surpasses them for continued beauty and interest. I have never discovered that the begonia was particular about soil, yet if I were catering to Gloire de Lorraine I should choose a fresh, rather light loam with one-fifth of well rotted stable manure, one-fifth leaf-mold to three-fifths of the loam. Begonias are all natives of a tropical or sub-tropical clime, where the bright sun shines on them. So don't subject them to a dense shade while they are occupying but a limited space on the bench. Shade them when necessary but morning, evening and on dull days give them unobstructed daylight.

The Problem of Bench Material.

I feel sure there are at least a thousand florists in the country who are, or will be in a few days, worrying over the question of new benches or beds for their carnations and roses, as well as repairing the benches that are used for plants. We can dismiss the plant benches quickly by simply saying that for all our small plants, our bedding plants and our Easter plants there is nothing so convenient as the bench some two feet above the ground. Of what to construct these benches is of great importance. I am confident that a coming generation will look back at us and smile and pity us for building benches of quick-rotting wood that had to be renewed every three or four years. The benches of the future will be of iron and tile or cement.

A Survey of the Past.

This is such a large subject that one scarcely knows where to begin. To be reminiscent a moment, many of us can remember when the only roses to be had in winter were Lamarque, Marechal Niel or beautiful old Solfaterre. Then Safrano, Isabella Sprunt and a few other tea roses began to be grown in pots. Then came planting them on beds of a foot or more of soil. Next some genius discovered that a bench that sloped to the south about the same pitch as the roof, or about eighteen inches in six feet, was the correct thing. Then John N. May and other good thinkers found that four inches of soil was all that was necessary to produce the finest roses, and the great majority of rose and carnation growers have not made any radical change from the shallow raised bench for a number of years. Where the house is a detached three-quarter-span some twenty feet wide you could not very well have any other system than the raised bench.

I have briefly reviewed the evolution and changes that have taken place in thirty years in a most important part of our business merely to attempt to show that progress and change may be ahead of us, as we have emerged from it. Evolution, progress and improvement must and do go on in all spheres of life and industry, theology included.

So in building benches for roses or carnations, it is a question whether it is wise to put up too costly a structure, for if you are anywise of a progressive kind you may in two years be altering your methods and adopting a style of bench that you saw over at "old Bill Jones', who had some gol darn fine stuff." Leaving these soil benches for a moment, we must admit that for our ordinary class of plants in pots there has been no change in style of bench.

No Pipes Overhead.

I don't want to drag in that momentous question of heating in these notes, but I will say that under benches devoted to pot plants, particularly soft-wooded plants, it is of the greatest benefit to have two or three pipes, either hot water or steam. The man who advocates any hot water or steam pipes above the plants or near the ridge pole is suffering from paresis. The very best rose grower the writer has ever known, although only growing five or six houses, told me, while looking around at his wonderful Bridesmaids, that he would not have any pipes beneath his benches. He would consider it a real detriment, and I most cordially agree with him. The temperature of the soil is that of the atmosphere and that is enough. Remember you are not forcing these roses and carnations, you are simply partially reversing their season of blooming. We truly force lily of the valley, tulips, seakale and rhubarb, known in the western hemisphere as pie plant, but we don't force these roses and carnations that are a staple of our industry.



Phalaenopsis Amabilis Grown by Dr. R. Schiffmann, St. Paul, Minn.

Bottom Heat Often a Benefit.

Pipes beneath the bench are not an absolute essential but many of our succulent plants, such as geraniums and begonias, are greatly benefited by a little warmth from the boards. It is not so much heat that is good to them as dryness. More especially is this the case in the spring, when little fire is needed and yet some is wanted to keep out the dampness. With the exception of palms and some few other large plants, I see no likely change from the ordinary bench that is, and has been, used for many years and if you are sure that you will never convert this or that house into any other use than growing plants in pots, then it will pay you splendid interest to build a bench that will last as long as you will last, or your son-in-law included.

An Ideal Bench.

First cost is, of course, the great consideration. Something cheap that will last a few years "till I can afford to build better" is the excuse. The neatest, most substantial and consequently the most durable bench I have lately seen was at George Urban's, at Pine Ridge, N. Y. Cost was of no great consideration, but you will generally notice that wealthy men are continually encouraging and making money by buying at wholesale, building substantially and looking into the future. This bench had for legs 4-inch vitrified sewer pipe, resting on a brick or flat stone. The pipe, socket up, was filled with a cheap concrete, four parts of sifted ashes to one of cement. On the tile rested a tee iron, running lengthwise of the bench and on the iron were tiles 24x18. The tile was about one and a half inches thick. To make the bench a complete success there was an edge of concrete two inches thick at the bench, tapering to one inch. Now there is a bench which will outlast the roof and it is not so costly after all. If there is a tileyard in your neighborhood you will find that they are very pleased to make any pattern of tile or hollow brick that you desire, only give them the pattern.

Cypress the Best Wood.

After all, there will be more wooden benches built and repaired than others, and what are you going to use for material? White pine that once covered the great state of Michigan, is now prohibitive in price and quickly decays. Hemlock that once clothed the slopes of our Alleghany mountains, is like the American bison, fast disappearing from the face of the earth, and a few men own the good timber now standing and, with the help of a high tariff known as "protection to American labor," these few individuals have jumped the price of hemlock within six years from $10 to $19 per 1,000 feet. I have yet to learn that the man who chopped the tree or sawed it into boards has received a proportionate increase in wages. Perhaps his house rent and flour and coal have gone up. So the poor fellow thinks we are having prosperous times. Canada has plenty of pine and tamarix, the American larch, which is a grand article for our purpose, closely resembling our southern cypress. Both are deciduous conifers.

Cypress is a great boon to we florists. It seems indestructible except by fire. Our greenhouse structural firms, of which there are now many, all seem to be conscientious, good people and send out only pure and unadulterated quality. You get ridge and plate sixteen feet long with not the sign of a knot. Now there

must be any amount of second quality stuff in cutting up these logs that can be bought as cheaply as our fast rotting white pine or hemlock, and the cypress will outlast the former seven times. You will notice in your benches, when repairing, that it is where the plank or board lay on your crosspiece or joist that the rotting took place. Of all processes to rot wood, our use of it as benches is the most successful.

I have proved that a heavy coating of new board with hydraulic cement will add two or three years to the use of the soft hemlock or pine. This costs comparatively nothing. Just mix the pure cement in a pail with enough water so that it can be spread or smeared over the boards with a brush. Where wood lies on wood is where the decay begins, and ends with a board falling down and taking down with it a dozen carnations or twenty 4-inch geraniums. With this cement, plaster the top of the crosspiece, the 2x6 that is to support your boards, and be sure to put a heavy lot of cement on the underside of the board where it lies on the crosspiece.

Beds Versus Benches.

Next week, if I am spared, as devout people of the last century used to say, I want to illuminate some ideas that are revolving in my coco anent benches versus beds on the ground, etc. The great majority of houses built for the past twenty-five years, up to within two or three years ago, were not intended, nor can they be used, with beds near the ground surface, but nowadays immense ranges of glass are erected especially designed for these low beds, and depend upon it, that is the system that is coming to stay.

In conclusion, if you have to use wooden benches, buy cypress. Noah's Ark was made of cypress and a piece of it can still be seen at the foot of Mt. Ararat. It is a piece of the partition that separated the giraffe from the skunk and the giraffe's curiosity to know where the odor came from was the cause of his neck growing so long.

William Scott.

Mt. Carmel, Ill.—The greenhouses and business of the Mt. Carmel Floral Co. have been sold to Jacob Knupp, of Colera, Ala., consideration $4,000.

THE WEILAND ESTABLISHMENT.

Few young men have had a fairer start in the trade than has been the good fortune of Peter Weiland, son of M. Weiland, of Evanston, Ill., and nephew of Peter Reinberg, with whom he has until recently been in partnership at the plant at New Castle, Ind. Mr. Weiland was 27 years of age only last Saturday and yesterday came into full control of the greenhouses shown in the accompanying illustrations, the deal for the purchase having been made last fall. To sell the product, which has heretofore gone to Chicago, Mr. Weiland has opened a wholesale store at 128 East Third street in Cincinnati, where it is his aim to do a shipping business. He has ten houses, 30x300, covering a space of 90,000 square feet. The space is now all in roses, except some benches of asparagus and sweet peas, but next season there will be two houses of carnations and two benches of smilax and asparagus, leaving seven and one-half houses for roses, principally Beauties, Brides and Maids. As shown in one of the accompanying illustrations, there is a big field of peonies on the place, about 4,000 plants, which will give a big cut this month.



One of Peter Weiland's Houses of Young Beauties at New Castle, Ind.

TEMPERATURE FOR CARNATIONS.

I have three connected houses, 30x75 feet, the grade of the land being a sharp slope. As there are no partition walls, the upper house runs 8 to 10 degrees warmer than the lower one. I expect to grow Lawson, Lord, Crocker, Joost, Harlowarden, Adonis, Crane, Hill and Queen Louise. At least these are the kinds I have propagated and planted in the field. And I want to try some of the new ones on a small scale, as I never want to be behind the other fellows. I have solid beds and would like to know what varieties to plant on the cold side and on the warm side. H. G. F.

—

I believe the best thing you can do is to put some kind of a partition between either the two lower houses or between the upper two. The difference in the temperature between the lower and the upper houses is too great. If you keep the coldest house up to 48 to 50 degrees it would run the warmest house up close to 60 degrees, which is too warm for any carnation I know of. By having only two connected there would be a difference of perhaps 6 degrees, which would be all right. The separate house you could then keep at whatever temperature you wished. In deciding where to put the partition, you should bear in mind where you will add on when you build some more. If you expect to add on at the upper side, I would have the lower two open, or the reverse in case you will add at the bottom.

The varieties you name will need about the following temperatures, and you will have no trouble in planting them in the temperatures they want: Lawson and Crocker, 56 degrees; Mrs. Joost and Flora Hill, 54; the others, 50 to 52, with Adonis and Queen Louise at the warmer end. A. F. J. Baur.

ROSES.

Culture for Meteor.

That red roses still command a ready and profitable market is evidenced by the many efforts to grow that erratic favorite, Liberty. That this gem can be grown profitably is an established fact, as several growers have during the past season apparently solved the problem. Many growers of good repute, however, have failed in getting profitable returns from this variety, and are hunting for some reliable red rose that can be grown in Bridesmaid temperature. A good red that will succeed under these conditions will fill a long felt want.

The new rose, General MacArthur, which is now being put on the market, is recommended to fill just such a want, but as the price is rather steep for the ordinary grower and the risks too great to warrant large plantations this year, the majority of us will still have to depend on Meteor for our red crops for at least the coming season. The greatest drawback to this rose as felt by the smaller growers is that it requires for its successful culture conditions peculiar to itself, which cannot be obtained in a house where other roses are grown. Requiring a much higher temperature than other standard sorts, and more moisture, both in the atmosphere and at the roots, to obtain the best results a house must be entirely devoted to it.

Planting early to give it the full benefit of the growing season is also advantageous, so that by the time for beginning to take the crop the plants may be large and stocky. If it is well handled during the winter every shoot will produce a bloom and the cutting of these will prevent the plant from increasing very much in size during these months.

As they require copious supplies of water during the growing season and, indeed, at all times requiring more water than the ordinary rose crops, extra drainage ought to be provided. More frequent cultivation will also be necessary to keep the surface of the soil open and porous. Spider being one of its most persistent enemies, careful watching will be absolutely necessary to secure success, as the higher temperature to which it is exposed is very conducive to the rapid reproduction of these pests. The peculiar hump-backed shape of the mature leaves makes it difficult to reach the under sides of these and renders watchfulness all the more necessary, for if spider once secures a good foothold in a Meteor house the work of eradicating it, or even keeping



Greenhouse Establishment and Peony Fields of Peter Weiland, New Castle, Ind.

it in subjection, is harder and more exacting than that demanded by any other variety.

The minimum temperature to which this rose can be exposed without retarding or injuring it during the growing season is about 62 degrees and if there is any danger of the temperature falling below this firing should be resorted to at once. The maximum during sunshine can approach the 100 degree mark, if there is sufficient moisture in the house.

In order to secure plenty of flower bearing buds disbudding will have to be strictly attended to. This, as practiced by the best growers of this variety, consists in cutting off the bud with about the half of the flower stem attached, leaving not more than three or four well developed leaves on the stem, every bud from which will under ordinary cultural rules develop into a flower bearing stem. RIBES.

CHRYSANTHEMUMS.

Cuttings.

Plants intended to produce late flowers may still be propagated, though it is not so easy to strike them now that the weather is warm. One must be careful to see that the cuttings are well shaded and the ventilators rather close, for a drying wind is as bad as, or worse than sunlight. The cuttings must be kept from wilting by being frequently sprayed and copiously watered. If they are allowed to get dry and hard they may as well be thrown out for they will never root well enough to make satisfactory plants. Just as soon as the roots are pushing out pot them up and shade heavily for a day or two and they will soon establish themselves.

Plants that are set out on the benches should be looked over carefully and the fly killed that as a rule infests the tips of the growing shoots at this season. A heavy dusting of tobacco dust or spraying with tobacco water will clean them out. I have found that if the plants are entirely freed from fly shortly after planting they will often run clean all summer. The lady bug, well known to practically everybody, is the best aid a man can have in keeping down the fly.

Many of the plants propagated in February are now showing a bud. Rub this off and when the side shoots have become sufficiently long to enable you to see which will be the best, pinch off everything except the shoot you wish to retain to grow along. It is not wise to be in too much of a hurry in taking off the superfluous shoots, as it sometimes happens that some of the growths get one inch or so long and then throw another bud. Occasionally all the growths do this, and in that case there is nothing to be done except cut the plant down to within five or six leaves of the ground and let it break out again. Ordinarily, however, the plants are not troublesome in this way, but come away clean and right with a new shoot.

If the soil in the bench does not feel firm and solid run over it again with a brick. There is more in this firming of the soil for chrysanthemums than the average grower thinks. It makes a much slower, firmer and better growth of the plants.

Look out for your pot plants, if you grow any. The ones intended for 6-inch pots should be moved up from the 2-inch just as soon as they are rooted enough. It is not wise to let plants stay in small pots any longer than is necessary, as they dry out so quickly and are very liable to get hard and stunted. Plants for specimens should be kept pinched closely, so that they will produce all the shoots possible. Pot them on as they need it, so that they may have all the show possible. Do things on time, and keep doing them on time, is the watchword of the successful grower. BRIAN BORU.

JUDGING A MUM SHOW.

In a recent issue we asked about the standard method of grading chrysanthemums, but as Mr. Boru did not catch our meaning we will try to be more explicit. The idea is that we are selected to judge a mum show this fall and want the standard rules of grading the flower, plant, form, etc., the same that are used in the shows in the large cities. Anything pertaining to classing and handling the plants in the show would be very interesting. G. N. Co.

The scale of points as adopted by the Chrysanthemum Society of America, which is printed below, forms the best guide for a judge to follow. As a judge the correspondent should have nothing whatever to do with classing or handling the plants. The schedule is gotten up by the society or parties having the exhibition in charge and they are supposed to classify and arrange every exhibit in its proper place. Then when every detail is complete, every exhibit staged, the hall is cleared of every one, interested or otherwise, and the judges are turned in, with minds unbiased and in total ignorance of the ownership of anything on which they have to pass judgment.

That is the proper way to do things, but I only know of about two societies that do things that way. Generally the judges will be found judging one class while the exhibitors are frantically setting up another, and before things are finished the general public is coming in, making confusion worse confounded. It has been the writer's fortune or misfortune to help judge on some occasions, and it is at best a thankless task. The kicker is always in evidence at a flower show and all sorts of charges and insinuations are hurled at the heads of the poor judges. I doubt if any fairminded man ever rendered anything but an honorable decision and tried to be strictly honest in his verdict, but the promoters of a show owe it to the judges to have the hall cleared, have all cards enclosed in numbered envelopes and place the judges in a position where they would be like Cæsar's wife, "above suspicion."

The scale follows. So far as its interpretation is concerned, the correspondent will have to travel alone and pray for himself.

Scale A.—Scale of points for bush plants and standards, single specimens or any number up to six, in an exhibition where the class under consideration does not form the chief feature in the exhibition hall.

Equality of size and form of plant	40
Excellence of bloom	35
Foliage	25
	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall.

Excellence of bloom	40
Equality of size and form of plants	35
Foliage	25
	100

Scale C.—Scale of points for plants grown to single stem and one bloom.

Excellence of bloom	40
Compact and sturdy growth	35
Foliage	25
	100

Scale D.—Scale of points on specimen blooms for commercial purposes.

Color	25
Form	25
Fulness	15
Size	15
Stem and foliage	10
Substance	10
	100

Scale E.—Scale of points on specimen blooms for exhibition purposes.

Distinctiveness	25
Color	15
Form	15
Size	15
Stem	10
Foliage	10
Fulness	10
	100

Brian Boru.

SOIL STERILIZATION.

We print below some extracts from an interesting lecture on this subject delivered before the Massachusetts Horticultural Society by Prof. G. E. Stone, of the Hatch Experiment Station, Amherst, Mass.

The treatment of soil by heat, or sterilization as it is called, has been carried on at the Hatch Experiment Station, Amherst, for some years in connection with troublesome organisms which thrive in the soil and prevent the production of healthy crops. It should be borne in mind, however, that when we speak of sterilization of the soil we do not mean absolute sterilization, but what we actually accomplish is a sort of Pasteurization or partial sterilization; in other words, our soil is sterilized so far as the presence of some obnoxious organism is concerned. Cultures of soil treated with steam which attained a temperature of 212 degrees F. would show a considerable bacterial flora, and the subsequent and continual exposure of the soil to the air and the application of water will enable the soil to become subsequently supplied with a host of organisms which are beneficial, indifferent or otherwise. In order to obtain absolute sterilization and maintain those conditions we would have to make use of the methods employed by bacteriologists. Absolute sterilization we do not desire; and all that it is necessary to accomplish is to destroy the obnoxious pests which cause damage to the crop. A uniform temperature of 180 degrees F. maintained for a short time would accomplish this, but in practice it is far better to exceed this temperature in order to be on the safe side.

* * *

The heating by steam is now done largely by the aid of perforated pipes and in some cases use is made of two-inch porous tile, although this method is not so practicable. If finely perforated tile could be obtained in the market at a reasonable cost their use would be of much more value for this purpose than at present. The various contrivances made out of perforated pipe varying from one inch to three inches in diameter and usually placed from seven to twelve inches apart are made up into frames from ten to twenty feet or more in length and into any desired width. The size and number of the perforations vary much in different appliances. Where they are rather large (one-fourth inch) they are frequently covered with burlap. In some appliances the perforations are one-fourth inch in diameter and are only one and one-half inches apart each way; in others the perforations may be only one-eighth inch in diameter and from three to six inches apart with two or three rows of such holes extending along the pipe. Some of these appliances are not made up into permanent frames but are in sections easily put together or taken apart and are so constructed that they can be readily extended to any length or width desired. These forms are provided with headers placed transversely which are pipes of larger diameter containing perforations, and nipples are inserted at intervals which readily fit into the extension pipes. In some instances the headers are placed at each end, thus forming with the extension pipes a frame composed of a series of rectangles. In this form a complete circulation of steam can take place through the apparatus. In others the headers are in the middle and the extension pipes lead off into opposite directions. In the latter case the ends of the extension pipes are plugged with wood and no circulation of steam takes place.

* * *

The methods generally adopted by lettuce growers in heating their soil is to place the sterilizer on the surface of the bed. If the bed is twenty feet wide then it would be most convenient to have the sterilizer ten feet wide and twenty or thirty feet long. This is placed midway in the bed and the soil to the depth of one foot or more is dug up on either side and thrown on top of the sterilizer. The steam is then turned on and the soil heated. After sufficient steaming has taken place the pipes can be pulled out and made ready for the next treatment. The soil previously treated is covered up with old canvass and allowed to stand some hours, after which the top portion is shoveled back to where it was taken from. Not only is the one foot or fifteen inches of top soil heated by this method, but the soil underneath the apparatus is equally well sterilized, providing too much haste is not made in removing the treated soil.

* * *

Mr. W. W. Rawson claims that it cost him $50 to sterilize a house three hundred by forty feet which would be at the rate of about $4.16 per one thousand cubic feet. This is undoubtedly a very fair estimate of what it costs to sterilize soil when undertaken on a large plan.

Mr. Sargent maintains that two men can sterilize a house one hundred and sixty by forty-five feet with his apparatus in three days. Assuming that it will take forty-two cents worth of coal to heat one thousand cubic feet of soil together with the labor required in setting up the apparatus it would cost about $1.66 to sterilize one thousand cubic feet. This is assuming that the boiler is already in operation for heating the houses and a fireman is employed to run it. It should be understood that there is no shoveling of the soil required with the use of this sterilizer, hence we should expect a saving of expense. When soil can be sterilized at $2.00 per one thousand cubic feet or even at $5.00 there is no longer any question concerning the practical application of this method in greenhouses for the extermination of some of its worst enemies which interfere with the production of healthy and profitable crops. Even where the cumbersome tile method is employed, the cost of sterilization is less than one-half what it costs to remove the old soil from a house and supply it with new.

It is not possible for us to give an adequate estimate in dollars and cents as to the amount of money that has been saved by the practice of sterilization, as we do not know the amount of loss experienced by floriculturists and market gardeners in this state due to infested soils. The value of any method of treatment will not be considered for one year alone but for a period of years in order to obtain an idea of its full significance. As a rule lettuce growers have suffered a loss of from fifteen to fifty per cent from the "drop" alone and in some instances even greater losses have taken place. There are, however, other beneficial results derived from the practice of sterilization other than those of ridding the soil of disease producing germs. Some market gardeners have practiced sterilization for three years, not wholly for the sole purpose of ridding the soil of certain disease producing organisms, as that can be accomplished by one treatment when properly done, but largely for the purpose of increasing their crops. We have made many experiments with various crops in which the growth of plants in sterilized soil was compared with the growth of the same species of plants in precisely similar earth not sterilized. The effect of sterilization is quite marked in such experiments.

For the purpose of determining on a larger scale than we had heretofore shown the effect heating the soil had upon the acceleration of a crop of lettuce we grew a crop from the seed to maturity in sterilized and unsterilized soil. The results showed a gain of thirty-three per cent in weight in favor of the sterilized plats. Plants grown in sterilized soil are always lighter colored, more tender and it is not a difficult task for an expert to pick out such plants in the market. Neither is it difficult to ascertain from market specimens what temperatures lettuce crops have generally been subject to. In houses where the soil has been treated twice the difference in the color of plants is very marked indeed showing that the prolonged heating of the soil is much more favorable to the growth of the plant than a brief period of heating.

There was two and two-tenths per cent more water in those plants grown in treated soil than in the untreated as well as a corresponding decrease in the unburned residue representing organic matter, ash constituents, etc. From the color and texture of the lettuce grown in sterilized soil this might be expected.

A BIG BLAZE.

Under the above heading and with the sub-head "Elwell's Greenhouse on Fire," the following appeared in the Sioux Falls Leader for May 14:

"Fire Chief McKeever was called to Elwell's greenhouse, 1015 S. Main, which he found ablaze with scarlet geranium blossoms. Water was of no avail, as it only increased the ruddy glow; so the chief decided to reduce the fiery aspect by ordering a quantity of plants for bedding purposes, and declared that it was the only blaze in the city that he had failed to extinguish. The greenhouse contains an excellent stock of the best kinds of plants for beds and window boxes and is quite worth a visit."

Brooklyn, N. Y.—Hitchings & Co. are building a house 28x115, for J. M. Keller, 451 Sixty-sixth street.



A Single Shipment of Palms from the Albert Fuchs Place, Chicago.

A PALM SHIPMENT.

The accompanying illustration is a reproduction from a photograph of a shipment of palms recently sent by Albert Fuchs, Chicago, to the Foster Floral Co., St. Louis. The plants were all of good size and a furniture car, double decked, was required to hold this single order. Both decks were covered with a deep layer of shavings to receive the plants and they arrived without a pot broken.

HYDROCYANIC FUMIGATION.

Method of Making the Gas.

"The materials required in fumigating with hydrocyanic acid gas are ninety-eight per cent cyanide of potassium, broken in small lumps, best secured in ten or twenty-five pound cans at 30 to 40 cents a pound, and commercial sulphuric acid at 3 to 4 cents a pound by the carboy.

"For an ordinary house or frame, good vessels for liberating the gas are one and a half or two-gallon earthen jars of as small diameter as possible, so as to insure the immersion of the cyanide of potassium when it is dropped into the acid. One jar should be used to about every twenty-five feet in length of greenhouses of ordinary width, in order that the gas may be quickly distributed when set free. When the jars are placed in position the next step is to arrange to lower the paper bags containing the desired amount of cyanide into the jars, from the outside. This is best done by passing a cord through a hook or screw-eye attached to the roof over each jar in such a manner that when the string or strings are loosened from the outside the bags of cyanide will be lowered into their respective jars.

"When the strings are ready and the quantity of chemicals determined, divide the amount of cyanide to be used into parts corresponding to the number of jars. Wrap each part up in a single thickness of ordinary newspaper and put in ordinary brown paper bags, and attach the bags to the strings. While the jars are empty test the arrangement to see if it works satisfactorily. After each bag is suspended in place, the other end of the string securely fastened where it can be reached from the outside and the arrangement tested, move the suspended bags to one side so they will be out of the way while putting the water and acid in the jars. When this is done, pour into each jar an amount of water about equal to the bulk of the potassium cyanide in the bag. Eight ounces of cyanide will require about a half a pint of water. The sulphuric acid should then be poured in until steam rises from the water. This would require for a pint of water about a pint and a half of acid. It is not necessary, however, to measure the acid, as the evolution of steam indicates when the right amount has been poured in. Always put the water in first and then pour in the acid. As soon as this is done place the bags over their respective jars. When all is ready go out, close the door and carefully loosen the strings, allowing the bags to settle into the acid.

"While the method just described is desirable for a large house or series of houses from which exit would be difficult after dark it is not necessary to go to the trouble of lowering the cyanide into the acid by strings in most cases. When the jars containing the water and acid are properly placed the cyanide in the paper sacks, as previously described, may be set beside the jars; then the operator, starting in one end of the house, may carefully drop the bag into the water and acid, coming out the other end of the house. If there are two sets of jars in different paths it will be necessary for two operators to start, one in each path, working in the same direction, at about the same rate of speed. In this way the cyanide can be placed very quickly and easily in quite a large series of jars, taking care that no cyanide is placed in a jar in such a way as to cut off the exit of any operator from the house.

"This method of hand dropping is now the one most largely used. The gas will very soon be given off and fill every portion of the house. It is colorless and smells and tastes like peach pits. A little of it is harmless, but too much will cause death. A small quantity will leak out of the house; avoid positions where it can be smelled. The time of exposure should be reckoned from the lowering of the cyanide into the jars. When the proper time has elapsed, varying for different plants, quickly open the ventilators from the outside, so that the gas can escape as rapidly as possible. It will all be gone from a large house in half or three-quarters of an hour, and the ventilators may then be closed if necessary. Next morning the material left in the jars should be emptied into a hole and buried."

BOSTON.

The Market.

We experienced the first genuine warm wave of the season during the past week, temperatures ranging from 85 to 87 degrees from May 24 to 27. Cooler conditions prevailed for the great Decoration day market on Saturday, the air being crisp and cool, fine weather lasting over the holiday itself. During the early part of the week the hot weather caused a heavy glut in the market, but a perceptible shortening was noticeable by Thursday, growers holding back their stock. Most of the florists have a very heavy local trade to supply for Memorial day and consequently bring less than their usual supplies into the market, which causes prices to harden.

The general opinion among wholesalers and retailers appears to be that Decoration day trade was equal to any past year's record in most respects and superior in some. A little more outdoor material was available than a year ago, but this seemed to have no effect on prices of greenhouse stock. Roses were quite plentiful but cleared out easily, colored varieties as usual selling best. There was no decided advance in prices; $12 to $20 seemed to be the ruling price on Beauties. Brides and Bridesmaids made from $4 to $12, a few extra fine ones going above these prices. Liberty, Meteor and hybrids were scarce and eagerly snapped up at advanced prices. The output of carnations, while very large, was less than had been expected, many being held back for local trade; $3 to $3.50 per hundred seemed to be the ruling price for good average stock, some selling at $4 and fancies $5. Crimson and scarlet varieties were in strongest demand.

There was a big output of feverfew, stocks and white candytuft, which sold generally at 50 cents per bunch. Antirrhinums and spiræas were fairly plentiful and sweet peas went at from 25 to 50 cents per hundred. Very little bulbous stock appeared except a few Narcissus poeticus and some of the late flowering tulips. Outdoor lily of the valley was extra fine, selling at $1 to $2 per hundred. Callas, Lilium longiflorum and L. candidum, Gladiolus The Bride and Gandavensis hybrids, Iris Germanica in variety (the variety Mme. Chereau being the best seller), lilacs and Spanish iris comprised the bulk of the remaining stock sold. Retailers used flowers of gloxinias, zonale and fancy pelargoniums, hydrangeas, loniceras, viburnums, hardy azaleas, native cypripediums and in fact about everything procurable to help fill their numerous orders. The wholesalers were very busy and did an enormous trade, having to hire considerable additional floor space. While Friday and Saturday were their busiest days, they were quite active on Monday morning, the wholesale market cleaning out well on that day. A great many artificial wreaths and bouquets were disposed of and, taken all in all, the Memorial day trade of 1904 was an eminently satisfactory one.

Business during June will be materially assisted by the numerous weddings and class day gatherings. As many growers also start to pull out their roses and carnations after Memorial day, this further restricts the output and prevents a glut.

Peonies, except officinalis, are never in season for our Memorial day trade, but

some fine single pyrethrums, Oriental poppies and other perennials were noticed. One florist made a great strike with a house of Iris Hispanica, while another had a batch of 10,000 Tulip Gesneriana major which sold like hot cakes.

The Arnold Arboretum.

There is always something to interest the visitor at the Arnold Arboretum. The lilac display this year is remarkably fine. This is one of the few shrubs which winter cold never seems to affect in the least and it is no wonder that lilacs are becoming more popular each year. During a visit the past week we spent two hours looking over the remarkable collection of these plants and took down the names of over 100 varieties which seemed to be first class. The following appeared to be extra fine, with very large trusses: Marie LeGraye, still the best all around white. Mme. Lemoine and Comte de Kerchove are newer whites of great merit. Furst Lichtenstein is a magnificent rosy lilac variety with huge trusses, an improvement on the older Jaeques Calot. Frau Bertha Dammann is a beautiful single white; Belle de Nancy, satiny rose; President Grevy, a beautiful double blue, panicles fourteen inches in length. Ludwig Spaeth is the best of the dark, purplish-red varieties. Some of the other noticeable sorts were Comtesse Horace de Choiseul, Dr. Von Regel, President Massart, La Tour d'Auvergne, Gehemrath Hayden, Michael Buchner, beautiful pale lilac color; Ambroise Verschaffelt, Emile Lemoine, Croix de Brary, Philemon, beautiful dark variety; Lilarosa, Goliath, Prof. C. S. Sargent, Belle de Nancy, Mme. Abel Chatenay, beautiful white; Mme. Briot Lamarck, Dr. Lindley, Alphonse Lavalee, De Humboldt, Macrostachya, beautiful blush white, and Francisque Morel.

Of the newer and scarcer Lemoine hybrids Jackson Dawson pointed out the following as being extra good: Crampel, immense florets considerably larger than a silver 25-cent piece; Mme. Casimir Perire and Mme. Leon Simon. Others were hardly equal to the older hybrids and Mr. Dawson thought the limit had been about reached in lilac hybrids.

The earliest species to flower is S. oblata. Other very desirable species are Chinensis, Persica and the graceful pubescens. The handsome tree varieties, Japonica and Perkenensis, promised a fine display of bloom later.

The shrubby loniceras on the opposite side of the avenue to the lilacs were very beautiful. Some of the more desirable sorts noted were L. Tartarica in variety, L. Morrowi, L. alba, the finest white variety; L. candida, L. bella albida and L. Ruprechtiana.

Mr. Dawson is at present working strongly on the crataegus family and many thousands of seedling hawthorns from a few inches to three or four feet high were noted. Some 300 varieties of these are already named. A batch of 1,100 different lots of crataegus seeds have recently been sown and it would look as though there would be enough plants when developed to stock all the ornamental grounds in the United States.

A batch of rhododendron hybrids, maximum crossed with best Catawbiense hybrids, came through the winter unscathed and some were showing flower. In the propagating house were noted boxes containing many thousands of seedling azaleas, rhododendrons and other plants. Particularly interesting was a batch of willows, chestnuts, walnuts and other plants secured by Prof. Sargent on his recent trip to Siberia, Manchuria and Korea, some of these coming from the present site of the Russo-Japanese war and being new to cultivation.

A strikingly handsome tree of Japanese origin is Acanthopanax ricinifolium, foliage quite tropical in appearance, resembling that of ricinus. The damage done by the recent severe winter at the arboretum is more widespread than ever before, but the copious rains of the present spring have caused such a rampant growth on trees and shrubs that this is not now particularly noticeable.

Various Notes.

Hitchings & Co. have a large number of contracts on hand for new greenhouses in this vicinity at present. The bulk are on private estates and include the following: J. B. Case, Newton, range of greenhouses; W. Firth, Brookline, one house; F. A. Day, Newton, range of houses; Miss M. S. Ames, North Easton, range of houses; Mrs. A. S. Bigelow, Cohasset, range of houses; F. Peabody, Hyde Park, range of houses; H. I. Wallace, Fitchburg, range of houses; W. O. Blake, Hingham, range of houses; E. Lovering, Holyoke, one house; H. D. Auchincloss, Newport, range of houses; Mrs. J. A. Codman, Newport, one house; Miss Alice Kettletas, Newport, one house; T. Curley, Providence, two commercial houses; E. D. Clark, Providence, carnation house 30x200; R. J. Erwin, Hartford, Conn., one house; E. K. Hubbard, Middletown, Conn., one house.

George A. Sutherland, of Hawley street, one of our leading wholesalers, has made an assignment for the equal benefit of his creditors.

At Horticultural Hall on May 28 James L. Little showed four varieties of Malmaison carnations: Prime Minister, brilliant scarlet; Lord Rosebery, bright salmon scarlet; Trumpeter, deep scarlet, and Mrs. Martin R. Smith, fine bright rose of enormous size, said to be the handsomest Malmaison yet raised.

The garden committee of the Massachusetts Horticultural Society has issued a circular calling special attention to its work and to the prizes awarded under its direction. Each year handsome premiums are offered by the society for the purpose of encouraging the development and ornamentation of private grounds and the establishment and maintenance of greenhouses for the culture of plants, fruits and vegetables. These prizes have now been awarded for over fifty years.

A meeting of the Independent Co-operative Flower Growers' Association was held at the New England House, Boston, on Wednesday evening, where there was a good attendance. There is little doubt from the sentiment expressed at the meeting, but that a new wholesale market will be formed in the very near future. About 100 growers are pledged to support the new concern and a considerable amount of stock is already taken up. Several locations in the business center are being looked up, one with 7,000 feet of floor space being the most popular. There has been considerable dissatisfaction with the governing body of the present wholesale market for some time. The dissatisfied members claim that undue favoritism is shown to some and that their petitions and claims for recognition have been ignored. They object to growers from other states being allowed to come into the market and while considering the present market excellent in many ways, think it is too far away from the business center for retailers to patronize it. The Columbus avenue market has proved quite remunerative to the stockholders and we hope some arrangement can be made to settle the present differences.

R. J. Farquhar & Co. have a fine collection of late blooming tulips in flower at their nurseries. Some of the named Darwins are remarkably good. A few of the best are Glory, light red; Liberia, dark purple maroon; Herold, light violet; Richelieu, bright red and Grand Duchess, deep rosy pink.

W. N. Craig.

ST. LOUIS.

The Market.

This is Decoration day and everybody seems fairly busy with some kind of work in the cut flower line. The wholesale market was somewhat strengthened for the occasion. All outdoor flowers are in full bloom and these are about the only flowers that sell well for this day. Other cut flowers at the wholesale houses are enough for the demand and only special grades are short and the demand is most excellent for these, as many of the social functions call for fancy stock.

American Beauties are selling well in all grades. Choice are still at $2.50 to $3 per dozen. Shorts run as low as $3 per hundred. In Brides, Maids and Meteors there are plenty for the demand though some days the market is short on this stock. For good roses $5 and $6 per hundred is the price. Some extra specials run as high as $8. The market is also fairly well supplied in good carnations in all varieties. Some extra fine Lawson, Joost and Hill are to be seen, also very fine Prosperity and Estelle. Of these the specials are $3 per hundred, firsts $2 and the common $1.50.

Peonies are plentiful, white and pink. Nick Himmer, of Maramar Highlands, brought in a two-horse wagon load of them the past week, from which he averaged about 3 cents each. At the wholesale houses 4 cents is asked. Harrisii and callas are becoming scarce. Lily of the valley is very fine at present at $3 per hundred. A great deal of outdoor stock is crowding the market, which is in great demand today, Monday. Sweet peas are in great abundance. All light shades are selling well, at from 35 to 75 cents per hundred. In greens Asparagus Sprengeri is having a big call; plumosus strings are scarce; smilax is plentiful and so are adiantum and common ferns.

We are having most beautiful weather and plenty of decorative work is going on at the World's Fair grounds. School commencements are coming early this year and quite a lot of this kind of work was done the past week. This week a number of early June weddings are reported, a few very large affairs among the west end florists. Funeral work, too, is keeping some of us very busy. Miss Roosevelt's visit during the past week exhausted the supply of American Beauties. Miss Roosevelt's car and room at the Catlin mansion were handsomely decorated. At all the social gatherings in her honor among the fashionable folks cut flowers in great profusion were used.

Bedding plantsmen are nearly sold out, although the bad weather hindered

them in the start. Echeveria and alternanthera are scarce, so are geraniums. From the looks of the homes in the fashionable districts a great many of these must have been used. The cemetery florists have had a very busy time this spring. They had all they possibly could do and they have scarcely any bedding plants left for sale.

Various Notes.

W. D. Keith, of Ennis, Texas, is in town. Mr. Keith is president of the Rubber Tree Culture Co., in Mexico.

George Young and wife, of New York, are in the city taking in our World's Fair. They are guests of James Young, of C. Young & Sons Co.

Next Sunday will be the first Sunday opening of Shaw's garden this year. Everything is being put in shape for the big crowd which takes advantage of these Sunday openings. These, with the many strangers in town attracted by the World's Fair, will no doubt make this the largest Sunday opening in the history of the garden.

The peony show in the Horticulture building at the Fair this week promises better results than the rose exhibition of last week. The dates of this exhibition are May 28 to June 7.

Charles Juengel, state vice-president of the S. A. F., would like to hear from all florists who are not yet members of our society. Mr. Juengel will be at the club meeting on next Thursday afternoon with blank applications for those who wish to join.

The exhibition of hardy roses at the World's Fair, in the Horticulture building, takes place June 18 to 28. There are six classes. June 15 is the last day for entries to Superintendent Hadkinson.

Illinois dedicated her state building at the World's Fair last week. Governor Richard Yates and wife with mounted staff and 850 cadets attended. The building was elaborately decorated with plants, roses and carnations, the governor's wife carrying a huge bunch of American Beauties which were grown in Springfield, Ill.

The Texas building, too, had its dedication the past week. The entire building on the inside was decorated with cape jasmines, all coming direct from the Lone Star state. James Bass, of Temple, Texas, was in charge of the decorations.

The vice-president of the S. A. F. will on Thursday meet the chairmen of the different committees who will have charge of the S. A. F. affairs, including C. A. Kuehn, the superintendent of trades' display at the Exposition building, Thirteenth and Olive streets, to perfect plans for the coming convention which is only ten weeks off. Those who will meet with the vice-president and superintendent are Fred Ammann, Otto G. Koenig, F. C. Weber, Carl Beyer, Henry Ostertag, F. M. Ellis and F. H. Meinhardt.

The Florists' Club meeting will be held Thursday afternoon, June 9, at 2 o'clock. All members are earnestly requested to attend, as matters of great importance pertaining to the S. A. F. convention will come before them. As the busy plant season will be over, the largest meeting of the year is looked for. Emil Schray, Fred Ammann and Mr. Thompson, of Shaw's Garden, will lead discussions on very interesting subjects. A box of the Florists' Club's special cigars will be handed around.

C. A. Kuehn, superintendent of trades' display, reports that every mail brings in orders for space. All those who contemplate making an exhibition should communicate with Mr. Kuehn at once, before all the choice space is taken up, as only ten more weeks are left when the convention will be in full blast.

Mr. Wertheimer, of Lion & Wertheimer, of New York, was with us recently. The firm will make an extensive exhibition of ribbons at the trades' display.

The St. Louis Cactus Club held its annual picnic and excursion last Sunday at Chautauqua, Ill. Although the weather was bad a large crowd attended.

The S. A. F. souvenir book is already in the hands of the printers, who are working on the cover, which will be handsomely embossed, also the back of the book which will show Carnation Fiancee for the Chicago Carnation Co. Advertisements must reach St. Louis not later than June 15. To save time send them direct to J. J. Beneke, 1220 Olive street.

J. J. B.

NEW YORK.

The Market.

Memorial day opened in New York cloudy, sultry and with hardly an indication of special demand or any call out of the ordinary. The quantity of everything is enormous and much of the supply is not up to the standard in quality and business cannot improve while present conditions and overshipments continue. The extreme heat also affects the retail demand and uniform stagnation about expresses the state of things in the metropolis.

Not only are roses here in floods, but carnations, outdoor valley, lilac and lilies, of which there seems no end. Peonies have arrived in all colors and are welcome. Brilliant retail windows already manifest their value. They grow more popular yearly.

Various Notes.

Next week the American Peony Society gives its exhibit, June 8 and 9, at the Bronx Park Botanic Garden and the week following, Monday, June 13, the peony night of the New York Florists' Club will doubtless see a very large exhibit and attendance of members and friends of the club, it being ladies' night also, with strawberry and cream accompaniments. A fine musical program and other features will add to the pleasures of the last meeting of the club until September. In addition to the prizes mentioned in our last for the outing of the club on June 29, donations have been received from Schloss Bros., W. J. Elliott, Chas. Weathered, F. R. Pierson, B. Suzuki, L. J. Kreshover, Patrick O'Mara, John Scott, Arthur T. Boddington, Alex McConnell, Alex Guttman, Geo. M. Geraghty, Clucas & Boddington Co., Vaughan's Seed Store, W. B. DuRie and M. Gibbs, the values ranging from $3 to $10 and so an aggregate of $200 is to be devoted to the athletic contests of the day. All the young folks are provided for and a good many unique battles will occur. The programs will be distributed at the club's meeting, June 13, and everything now indicates a large attendance.

The exodus to Europe this summer by members of the trade in many of its departments is greater than usual. Wholesalers, growers, supply men and seedsmen, several accompanied by their wives, have already departed or will early in June.

Chas. B. Hanft, of Hanft, Bros., goes to Saratoga this week to manage the Aldine hotel there, which he has rented for the season. He will be glad to see any visiting florists from New York at his hostelry this summer.

The carnationist, A. J. Tharp, of Bedford Station, first shipper to Moore, Hentz & Nash, some seven years ago, celebrated his silver wedding on May 20. About 200 people attended the reception, among them Mr. Nash of the above firm, who reports many handsome presents bestowed upon Mr. and Mrs. Tharp.

Miss Emily Isabel Wadley, only daughter of Albert Wadley, of New Rochelle, was married to Arthur Goodenough, of Bristol, Conn., last Tuesday evening, the father of the groom officiating. The decorations at the house and church revealed the artistic ability of the veteran florist whose hand has not lost its cunning, even if the accident of a year or two ago has left his underpinning perpetually the worse for wear. White spring flowers were abundantly used, an arbor of lilies and dogwood completely hiding the pulpit. The bride carried a shower bouquet of lilies of the valley and the six maids had Bridesmaid roses.

Early closing is becoming popular and with many after this week 3 p. m. seems to be considered the popular hour. It would be well if this system could be made conveniently universal until the end of August.

A good deal of sympathy is expressed by the trade for W. A. Manda, of South Orange, in the loss of his furniture and valuable paintings by fire last week.

Elliott's and Cleary's auction rooms are busy places these days, and to one who has visited these marts for years a remarkable feature is the number of new faces and the few florists to be found there. The outside public has found a mecca, evidently, and readily absorb everything that is offered at good prices. The sales will close shortly and the season, which promised badly at its beginning, ends in the most satisfactory way to all concerned. The year, too, which is now about at an end with the seedmen, has far exceeded all expectations, many declaring it to be the greatest season of their experience.

The closing of the schools and the European travel should make themselves felt for a few weeks among the retailers, many of whom are complaining of dull times at present.

The Plant Growers' Market at Canal street, is an interesting place these days, buyers arriving often about the time most of us go to bed. In fact, one prominent retailer told me he had to be there at 2 a. m. to get what he wanted, so great is the demand. The street peddlers are everywhere in evidence and the necessity of a proper market building is more and more apparent every day.

Bowling.

The Florists' Bowling Club met on Tuesday evening, May 24, at the new alleys, Twenty-third street and Sixth avenue, and a much increased attendance encouraged the officers of the club, notwithstanding the intense heat. The special prize for highest score was won by Captain Lang, with a total of 221. Next week Mr. Lang will give the special prize for competition among the balance of the members. There will be special efforts made during the next few weeks to test

the ability of the members who intend to be at the St. Louis convention and the make-up of the club to compete there will soon be decided. The scores made at the last meeting were as follows:

Lang	150	221	...	...	...
James	125	142	...	...	...
Stewart	106	115	121	...	...
Guttman	120	134	164	...	...
Nugent	106	168	117	...	...
Gibbs	121	131	132	161	...
Frank	106	115	117	144	...
Shaw	102	117	126	138	...
Siebrecht	134	135	142	143	151
O'Mara	122	123	129	132	144

J. Austin Shaw.

CHICAGO.

The Market.

In spite of many unfavorable circumstances, the Decoration day business is counted as the best on record. This was because of great quantities of stock moved, for prices were lower than usual. The early part of the week was probably the worst period ever known in average returns for the growers, and conditions improved but little up to Friday, when there was considerable shipping business, in spite of the fact that keeping qualities were not to be looked for in the stock. Saturday saw an enormous shipping demand, which continued fairly strong on Sunday and even up to noon on Monday there were boxes going out. Local business was fair.

Receipts on Saturday and Sunday, while very heavy in miscellaneous items, were not equal to requirements on roses and carnations and prices, which early in the week had been steadily declining, took a brace and were fully up to advance quotations. Many orders for carnations were sent out short, also many on roses, while at the time there were roses left in the market, but of such low grade that they could not be shipped. There were plenty of long Beauties at all times. On Monday several growers who had not shipped a flower for two days sent in big boxes of carnations, too late to find a buyer, and robbed themselves of the week's profit.

There were very heavy supplies of peonies and a big business was done in this line but not at so good average prices as have frequently been realized at this season. When business ceased Sunday there were many hundreds of dozens still unsold and Monday's receipts were far heavier than the sales. Peonies began going into storage again on Monday but it remains for the future to show what profit there will be in this operation this year. With the unseasonable weather, peonies threaten to inundate the market all through June, where usually they are well over before school closings and are held for the good market which comes at that time. However, heavy plantings in late years have so increased the supply that even in normal seasons values must be readjusted.

All the miscellaneous items sold out fairly well for Decoration day except cape jasmine and valley. The capes were salable only in limited quantities and made very low prices, with many spoiling on wholesalers' hands. Valley was in large supply and did not seem to be wanted. Lilac cleaned up much better than might have been expected from the quantities offered; it all found a home, if good for anything. Lilies went cheaply and there was no time when it was not possible to find a bargain in odds and ends.

On Tuesday there was fair business but unwieldy receipts and prices, which had begun to slide on Monday, took a further drop, except on the best grade of roses, which are so few in proportion to the total receipts that they hold firm in price.

Various Notes.

Peter Weiland was up from New Castle last week, returning Monday. Yesterday he came into sole ownership of the big greenhouse plant at New Castle, from which Peter Reinberg has had half the cut this season. Mr. Weiland has opened a wholesale store at Cincinnati, in the same building with Wm. Murphy, and will hereafter sell his own cut, taking personal charge of the work. The greenhouses will be under the management of Peter Heirnes.

The weather always counts for much in the flower business and it has been so utterly unreliable of late as to be worthy of note. The vagaries of the past week included: On Wednesday before Decoration day, 87 degrees; twenty-four hours later, 45; Friday, 71; Saturday, 75; Sunday, 74; Decoration day, 42 and rain.

One of the novelties was bougainvillea, not often seen in this market, which Amling found a good seller.

The cold storage ferns are gone, cleaned up nicely at $4.50 per thousand where the owners held for it.

C. M. Dickinson has moved his family to Park Ridge, where they formerly resided.

Carl Thomas went to his old home in Pennsylvania Sunday night to spend a two weeks' vacation. On his return A. L. Randall and family will go to their fruit farm in Michigan to spend the summer.

J. B. Deamud was last Saturday elected president of the Model Oil and Gas Mfg. Co., a newly organized company operating in Kansas adjoining the Chicago-Kansas Co., in which Mr. Deamud was already interested.

E. E. Pieser says that in all the years he has been in the trade he never saw so many flowers in market as were moved for Decoration day, and there were not enough carnations or shipping roses.

F. C. Struvy returned Tuesday from a six weeks' trip to California and Mexico.

Bassett & Washburn report selling 15,000 longiflorum lilies for Decoration day.

It is the report that young stock of Chatenay rose has not been selling the way the propagators expected it would, from the success which two or three growers made with it the past season.

There were very few plants offered for Decoration day. Some well flowered hydrangeas were good property and Beauty plants with one well developed flower and several buds sold well.

Edwin Eagle has closed up his place on the south side and will remove to a fruit farm and summer resort near Union Pier, Mich.

Albert Fuchs has closed a contract with the E. F. Winterson Co., whereby they will conduct his auction, June 15 and 16. Mr. Winterson will do the selling and Mr. Degnan will have charge of the business arrangements. There is a very large quantity of good stock in the houses and one of the biggest sales on record is assured. Mr. Fuchs will not only sell the stock, but also the greenhouses for removal from the property.

P. J. Hauswirth says he is having a nice run of work, a great deal of banquet and dinner work in the Auditorium.

Bowling.

Following are the scores made by the Chicago bowlers Tuesday evening, May 31:

Player.	1st.	2d.	3d.	4th.	5th.	T'l.
Balluff	127	124	109	176	185	721
Hauswirth	165	191	161	148	153	818
Scott	176	138	165	203	128	810
F. Stollery	158	178	199	179	172	886
Asmus	199	183	176	174	168	900
Degnan	132	147	124	169	126	698
Ell	100	143	150	121	151	665
Winterson	...	135	134	125	104	498
Stevens	...	...	...	166	162	328

HAIL.

The Florists' Hail Association is adjusting losses at Pueblo, Colo.; Rochester, N. Y.; Reading, Pa., and Guthrie, Okla. The Pueblo storm was the most severe that has occurred since the organization of the Association. Ten members of the F. H. A. lost from ninety to 100 per cent of their glass. All claims that have been properly presented are either adjusted or are in process of adjustment.

ELMIRA, N. Y.

The first consignment of plants which have been ordered to stock the mammoth greenhouses that are being erected by the United States Cut Flower Company, arrived here May 27, over 20,000 carnations being received, while over 12,000 more are expected in a few days. The plants, which are all strong, vigorous stock, are of the best varieties obtainable, including the standard varieties and latest introductions. The stock was purchased of Dorner & Sons Co., of Lafayette, Ind.; S. J. Reuter, Westerly, R. I.; Baur & Smith, Indianapolis, and others, and several thousand plants were grown in this city by Harry N. Hoffman.

The work of erecting the greenhouses is proceeding at a rapid rate. Nearly all of the iron framework has been placed in position and painted. President Algie states that two cars of ironwork, which will complete the shipment, are expected daily and can be placed in position in a few days after being received. Tuesday the work of building the brick benches was commenced. The glass for the greenhouses has all been received and can be placed in position as soon as the structural work is completed.

Everything about the immense plant will be painted white. The 10,000 sash bars and caps which are to be used to hold the glass are now being painted. Each piece receives three coats of the best grade of white paint, each piece being dipped into a tank of paint, then passed through steel and rubber dies to work the pigment into the wood, and then brushed to distribute evenly, the work being thus performed with greater expedition than by brushing only.

"The greenhouse will be completed by July 10," said President Algie. "That does not mean the power houses and various other auxiliary buildings, however. Those buildings are not needed immediately, but we will have them completed by the first of August."

Guthrie, Okla. — Furrow Bros. suffered a very heavy loss by hail last week, their place being completely wrecked and all glass broken. Repairs will be made at once.

I have certainly been well pleased with the Review and would not like to be without it; I think every florist should take it.—C. L. Shanks, Newton, Kan.

PEONIES FOR JUNE WEDDINGS and COMMENCEMENTS

These are the popular flowers of the season. We can fill all orders with choice stock at $3.00 to $4.00 per 100.

ASPARAGUS is scarce but we have plenty of SMILAX, $2.00 per dozen, $15.00 per 100.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 6.00
Liberty	4.00 to 8.00
Roses, our selection	2.00
Carnations	1.00 to 1.50
" large and fancy	2.00 to 3.00
Peonies.....per doz., 35c to 50c	
Valley	2.00 to 4.00
Marguerites	.50 to .75
Forget-Me-Nots	1.00
Mignonette, per doz., 35c to 50c	
Sweet Peas	.75 to 1.00
Callas, per doz. .....$1.00 to $1.25	
Longiflorums, doz., $1.00 to $1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns.....per 1000, $3.00	.30
Galax.....per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax .....per doz., $2.00	
Leucothoe sprays	1.00

Subject to change without notice.

Mention The Review when you write.

IMPRESSIONS OF ST. LOUIS.

St. Louis is a much maligned metropolis. The more visitors see of St. Louis the more they like it. St. Louis is a phenomenally well arranged city and well kept, abundantly supplied with public parks and places of amusement. The heat of St. Louis is discovered to exist to a considerable degree in the minds of the outside world. St. Louis is closely connected with the country. You can get on a car in its throbbing heart and ride twenty miles straight and far out away from the noise and bustle of the city, to lakes, rivers, country places and clubs, suburban resorts, through the fresh real country. Those who have never seen Missouri, who have ridden in trolley cars over the flats from Buffalo to Niagara, from New York to Coney Island or from Chicago to Waukegan know nothing of what it means to speed through the country about St. Louis over the various splendid electric routes which radiate here. It is a fact that St. Louis has more beautiful homes than any other city in the world. Many of these homes are palaces. If a Chicagoan or a New Yorker were to go to sleep at home and wake up in, say, Portland place, Westmoreland place, or Vandeventer place in St. Louis he would, I sincerely believe, hesitate before he decided that he was not in paradise. Enough said.

Impressions have gone abroad that St. Louis hotels have doubled their rates and that hotel accommodations are hard to get. This is not true. The souvenir book, which will be gotten up by the St. Louis Florists' Club and will be in the hands of the members of the S. A. F. by July 15, will show ninety-six hotels, where they are located and their prices. The highest priced hotel down town is the Jefferson, which has a capacity of 1,500 and their charges are from $2.50 per day up. The Planters hotel is from $2 per day up. Southern, Lindell and St. Nicholas are $1.50 per day up. The combined capacity of these first-class hotels is 5,000 persons. At the Hotel Rozier, which is across from the convention hall, with a capacity of 400, the rates are from $1 per day up.

The souvenir book will also have a map of the ground plan of the World's Fair showing the exact location of all the buildings; on the other side showing all the streets and locations of the different places of amusement outside of the World's Fair grounds, which are Shaw's Garden, Tower Grove park, Lafayette and Forest parks, Crompton Hill reservoir, the old Fair grounds, Forest park highlands, Delmar Garden, West End heights and Suburban Garden. Those mentioned above will be the most attractive spots for the S. A. F. members to visit. J. J. B.

LYNN, MASS.—R. S. Bennett is building a greenhouse 20x60.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, 36-inches and up	$3.00
" " 30-in. stem	2.50
" " 24-in. "	2.00
" " 20-in. "	1.50
" " 15-in. "	1.25
" " 12-in. stem	1.00
" " Short stem	.75
	Per 100
CHATENAY, select	$ 8.00 to $10.00
" medium	4.00 to 6.00
LIBERTY, select	8.00 to 10.00
" medium	4.00 to 6.00
SUNRISE, select	7.00
" medium	4.00 to 6.00
BRIDE	3.00 to 6.00
BRIDESMAID	3.00 to 6.00
METEOR	3.00 to 6.00
GOLDEN GATE	3.00 to 6.00
CARNATIONS	1.50 to 2.00
ROSES, OUR SELECTION	3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Mention The Review when you write.

PEONIES. The best for JUNE WEDDINGS.

Our stock is guaranteed. Order of

Kennicott Bros. Co.

40-44 Randolph St., CHICAGO.

Mention The Review when you write.

REMERBER THE SIGN at the Milwaukee S. A. F. meeting:—

"When others fail go to

Kennicott Bros. Co.

they will fill your order."

40-44 Randolph Street, -- CHICAGO.

Mention The Review when you write.

WHY?

BECAUSE we always prepare ahead and arrange to be there with the goods when others fail.

PEONIES for JUNE WEDDINGS.

KENNICOTT BROS. CO.,

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

Those who have not had dealings with us should order their JUNE PEONIES from us for that is the time to test our ability to fill orders. KENNICOTT BROS. CO.

40-44 Randolph Street, - - CHICAGO.

Mention The Review when you write.

WE represent more glass than any other commission dealer.

Order JUNE PEONIES from us.

Kennicott Bros. Co.

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

THE Chrysanthemum Society of France has 735 members and there are forty-five affiliated societies.

MUNCY, PA.—Stanley Bryfogle has taken down his greenhouses at Bloomsburg and is re-erecting them here. The change was made because of the damage and danger of spring floods.

PACIFIC COAST.

OUTDOOR-GROWN ROSES.

Before we got into the habit of growing roses under glass in California many of the nursery men had big fields of roses planted in the open ground for cut blooms and except in the coldest weather there was no difficulty in making this portion of the business one of the best paying. Now the rose patches are neglected and it is only in the spring of the year, for about three months, that any use is made of them. The street venders are the only dealers who will handle them. Safrano, Jacqueminot, Madame Lambard, Bougere, Elisa Sauvage, Bon Silene, Marie Van Houtte, Papa Gontier and a host of others were great favorites and from $1 to $2 per hundred was the usual price secured, which paid very well, considering that the plants lasted for several years and they did not require any special care except to keep them well pruned and the soil well worked up and occasionally watered.

Last season I planted about 500 strong two-year-old plants, of Ulrich Brunner, Mrs. John Laing, Belle Siebrecht, Mme. Caroline Testout and Liberty, even quantity of each. I put them out in November and pruned them back well. They commenced blooming in March and continued through April, May and June and long after the hot weather had weakened and bleached out the hothouse roses I still was able to cut hundreds of long-stemmed flowers with splendid, clean foliage that I had no trouble to dispose of at $3 per hundred. The Ulrich Brunner and Mrs. Laing were exceptionally fine, as they make stems averaging two feet long with splendid, big flowers to match. I kept the moisture from them during July and August, pruned and mulched them well in September and gave them a thorough soaking several times. They gave me another succession of flowers fully as good as those I had in the spring and I cut a good quantity up to December. I found that they were one of the best paying propositions on my place as there was no trouble at any time to dispose of them. I planted several hundred Brides, Maids and Perles also but they do not make a good stem outdoors, although the flowers were fine.

Roses do well anywhere in California near the coast except in the southern portion of the state, where the season for flowering is much shorter than in the central part, owing to the hot weather. They like a heavy, adobe ground and do not do well where there is too much sand in the soil. They can be handled out in the open field provided there is not too much wind to mar the flowers. The varieties I have mentioned stand considerable pruning and want plenty of moisture. About four years is the average time to figure on the plants giving good service. After that throw them out and replant with younger stock and on another piece of ground, if you can, and use the first location for some other stock for a season or two when after a good manuring and spading it can be used again for roses. Roses are heavy feeders and they will exhaust soil much quicker than many other kinds of stock and where a grower's land is limited they are often kept too long in one place. G.

SAN FRANCISCO.

The Market.

We are within a few hours of Decoration day and the stores are piled high with the products of the season. A great many flowers are shipped to Nevada, Oregon and Utah and I think this portion of the business averages about the same as in former years. Flowers are extremely plentiful and very cheap and outside of the outlook for Decoration day there is very little doing. We have had several good weddings and school commencements during the week, but funeral work has not been in evidence. A great many Italian and Chinese growers have gone into raising outdoor stock, such as candytuft, stocks, gaillardias, poppies, etc., for this particular day and I have never seen such a quantity of hardy flowers. The sweet peas are extra fine and can be bought at $4 per hundred bunches, each bunch containing 100 stems. Calla lilies are somewhat scarce, as their first crop of blooms is over and it is only where they have been well watered that it is possible to cut many flowers. They are in great favor with the flower-buying public at this time of the year, wholesaling today at from $1 to $1.50 per hundred. Carnations are very cheap but the tendency in prices is somewhat upwards. Roses are not plentiful but there has been such a slight demand that the want of them has not been felt to any extent. Bride gladioli are handled in large quantities.

Various Notes.

The San Francisco florists, with but a few exceptions, have placards in their windows announcing that after June 1 the stores will close at 1 p. m. on Sundays. This new departure is hailed with delight by everyone interested in the trade.

A committee endorsed by the Mayor, the Chamber of Commerce, the Board of Trade and the Merchants' Exchange will tender a banquet to John McLaren, superintendent of the city parks, at the Palace Hotel on June 2. J. S. Webster is chairman of the committee.

Albert Vinther, a gardener and florist formerly employed by A. M. Sanborn, of Oakland, committed suicide last week by swallowing carbolic acid. He was 45 years of age and leaves a widow and six children.

Samuel G. Stevens, the pioneer nurseryman and florist of Redwood City, died on Wednesday. He located in San Mateo county forty years ago and remained steadily in business ever since. He was born in England 75 years ago and was twice married. His only surviving relatives are his widow and a nephew. The funeral took place on Friday. G.

CALLA, O.—The formal transfer of the property, business and good will of L. Templin & Sons to the new Templin & Sons Co., took place May 19. The Templins have no longer any interest in the plant.

Position Wanted in California only

By Experienced Nurseryman and Florist

First-class propagator: several years' experience on the Coast before. Prefer to take charge of a smaller place where owner intends to retire from business, with chance of buying or renting place. Address—

No. 148, care Florists' Review, Chicago.

TRUE

ASPARAGUS Plumosus Nanus

PLANTS FROM FLATS,

$15 per 1000. Express paid.

100,000 Calla Bulbs

WRITE FOR PRICES.

California Carnation Company,

LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at **$15** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS

ONLY FIRST-CLASS STOCK.

White.	100	1000	Pink.	100	1000
Queen Louise	$1.20	$10 00	Marquis.....	$1.00	$9.00
Gov. Wolcott.	3.00	25.00	Mrs. Joost...	1.20	10.00
White Cloud..	1.00	9.00	**Variegated.**		
Scarlet.			Armazindy...	0.85	17.00
America.....	1.00	9.00	Prosperity...	1.40	2.50

LOOMIS CARNATION CO.

Lock Box 115. LOOMIS, CAL.

Mention the Review when you write.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

ANNOUNCEMENT TO THE TRADE.

PETER WEILAND

WHO ON JUNE 1 RECEIVED FULL CONTROL OF THE

REINBERG & WEILAND

GREENHOUSES AT NEW CASTLE, IND., HAS OPENED A WHOLESALE STORE AT

128 EAST 3d ST., CINCINNATI, OHIO

AND SOLICITS YOUR ORDERS WITH CONFIDENCE THAT HE CAN SERVE YOU TO YOUR ENTIRE SATISFACTION.

CURRENT PRICE LIST

AMERICAN BEAUTIES—36-inch	per doz.,	$3.00	
" " 24-inch	"	2.00	
" " 12-inch	"	1.00	
" " Shorts	per 100,	2.50	
PEONIES—All colors	per 100, $4.00 to	6.00	
ASPARAGUS PLUMOSUS—Sprays	per bunch,	.50	
" SPRENGERI—Sprays	"	.75	
BRIDES—Selects	per 100,	$4.00	
" Medium	"	3.00	
" Seconds	"	2.00	
MAIDS—Selects	"	4.00	
" Medium	"	3.00	
" Seconds	"	2.00	
SWEET PEAS	"	.25	

CINCINNATI.

The Market.

Decoration day trade proved to be very good this year and, notwithstanding the fact that stock was scarce in all lines, it was fully up to last year, if not somewhat better. Had it not been for the failure of the peony crop to be in time, also had lilies been more plentiful, this year would have far exceeded last, for the demand was far in excess of the supply.

It was expected that carnations would be scarce and that roses would not be equal to the demand and we were not disappointed. But still there was a large supply, especially of carnations, and they were of good quality. Roses were mostly very poor. Beauties, as for the last month, were in good demand, and some of the stock was A1. Good short-stemmed Beauties were especially scarce and many more could have been disposed of to advantage.

There were practically no outdoor flowers that could be used by the florists, with the exception of irises and large quantities of them were sold. The big crop of peonies was just about four days late, but still there were some and they were quickly picked up at first-class prices. As it is, we will have peonies through June and with carnations and roses scarce they will be good property.

New southern ferns are now coming in large quantities and though they are a trifle soft, still they are much better than the rubbish we have been handling. They sell at $1.50 per thousand and it is hard to keep any on hand, they go so quickly.

Various Notes.

It is a strange thing that the average grower pays so little attention to what the market really wants. Take for instance, sweet peas. Why is it that the grower insists in planting one-half or even more of pink and that dark pink, which in many cases go on the dump or are sold at a sacrifice, when the buyers are looking everywhere for lavender, white or daybreak pink? It would appear that a little judicious attention to what the public really wanted would result in considerable profit to some enterprising grower. And sweet peas are only one of many cases where the same thing is being seen almost every day.

The growers in the Jabez Elliott Flower Market report a very good trade. Their entire stock of plants and cut flowers being exhausted, very good prices prevailed.

Cincinnati, already supplied with five wholesale cut flower houses, is about to have another. Peter Weiland, of New Castle, Ind., is to open up a store to dispose of his cut. He was in this city last week looking over the field and leased a place at 128 East Third street, second floor, opposite Wm. Murphy.

Nick Weber spent part of last week in Chicago and Milwaukee, returning home Sunday night.

F. W. Hardesty made the run over to St. Louis last week to have a look in at the Fair.

John Evans was a caller, as also was Martin Reukauf. C. J. OHMER.

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

DECORATION DAY IS PAST

and you are thinking of planting roses. We have some fine stock in 2 by 3, and 3 by 3 inch pots, in La France, American Beauties, Golden Gates, Ivory, Perles, etc. Also complete line in 2 by 2½-inch pots of following varieties: Meteors, Brides, Maids, Ivory, Golden Gate, Perles, La France, A. V. Kaiserin, Woottons, Bell Siebrecht, President Carnot, American Beauties and Liberty. Get your orders in early.

REMEMBER we are Headquarters for anything in Ferns, Boston and Piersoni, from 2½ to 10-inch, besides Plumosus and Sprengeri in most any quantity. Write

GEO. A. KUHL, - Pekin, Ill.

Mention The Review when you write.

La France Roses

Choice stock in 2¼-in. pots at $3.00 per 100.

K. A. Victoria

Choice stock in 3-in. pots at $5 00 per 100.

HONAKER, The Florist,
LEXINGTON, - KENTUCKY.

Mention The Review when you write.

HILL CITY, TENN.—Will Haeger has put in an acetylene gas plant for lighting both his residence and greenhouses. He is boring an artesian well for water supply.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

Ellwanger & Barry, of Rochester, N. Y., were hit by hail on May 25. They were insured.

An arrangement has been made whereby members of the American Association of Nurserymen who will attend the Atlanta convention June 22 to 24 can travel from New York via steamer to either Savannah or Charleston, fare $33.25.

The landscape work at the University of Chicago, after plans by Olmsted Bros., Boston, is attended by many difficulties, not the least of which is the fact that the soil is pure lake sand. In the planting of some 4-inch elms this season an excavation was made sixteen feet square and four feet deep for each tree and this filled with prairie loam, brought from Elgin, Ill., forty miles away.

San Jose scale has made its appearance in Oklahoma and the secretary of the territorial board of agriculture says it is because the territory has been the dumping ground for infested nursery stock, there being no inspection law. Such a law was passed by both houses of the legislature at the last session, but was vetoed by the governor because of mutilation by an incompetent engrossing clerk.

In writing of the attractions of Atlanta as a convention city in late June, Secretary George C. Seager, of the American Association of Nurserymen, says: "The opportunity to see the famous Georgia peach orchards is one which no nurseryman should miss. Ample arrangements will be made for their inspection, and southern hospitality is waiting for the nurserymen of the northern sections, where the winter has been long enough, severe enough and tedious enough to make the land of sunshine and flowers seem peculiarly inviting."

NATURAL FERTILIZERS.

Animal manures, unless carefully saved and protected from heavy rains and excessive fermentation, are not rich, and are very variable in their manurial value. Farmyard manures are most effective and valuable when composted or mixed with the soil, or when used in a well-rotted state as a mulch for growing crops. Rapidly fermenting manure will injure the roots of almost any plant. Liquid manures should therefore be made from materials that have already fermented or rotted under such conditions as to conserve their fertilizing value.

The following proportion will make capital solutions: Ten pounds of pulverized sheep-manure to fifty gallons of rain-water; or twenty pounds of cow or horse-manure (droppings, when in a comparatively dry condition) to fifty gallons of rain-water; or three or five pounds of hen or pigeon-manure to fifty gallons of water.

The best way is to put the manure (to which two pounds of soot may be added) into a coarse-fibred sack and soak it in water for several days, sousing the sack up and down occasionally and mashing it with a blunt stick, so as to thoroughly break up the contents.

Strong-growing plants with good root systems will be benefited by feeding with such manure solutions once in ten days or two weeks during the periods of most active growth. When growth is slow or checked by cold or cloudy weather feeding should be discontinued until active growth again indicates its need.—Gardeners' Chronicle.

EVERY FLORIST and NURSERYMAN NEEDS THEM

JUST RECEIVED.

250,000 JAPANESE

Bamboo Plant Stakes.

Just the right size for staking carnations, chrysanthemums, geraniums, roses, etc., etc.

5 feet and over, ¼ to ⅜-inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜-inch, per 500, $3.25; per 1000, $6.00; per 2000, $11.00.

FRESH CYCAS STEMS, assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.), $18.00.

FERN BALLS, 5-inch per 100, $12.00.

FOSTITE (Death to Mildew). Prevents and checks **Carnation Rust, Mildew on Roses,** Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

VAN NAMEN'S EXCELSIOR HOLLAND CABBAGE SEED.

Late, large, round, solid white heads. One pound has produced $250.00 worth of cabbages. Pkt., 25c; ¼ lb., 75c; lb., $2.00. Highly recommended by all who have sown this seed.

Cash with order please.

C. H. JOOSTEN

IMPORTER -- 201 West Street -- NEW YORK.

Mention The Review when you write.

H. P. ROSES Fine 2-year, field-grown plants, Gen. Jacqueminot, La France, etc., leading sorts, 12c; Crimson Rambler, 2-year, strong, 12c; C. Rambler, XXX, 20c. Large flowered Clematis, best purple, white, lavender and red sorts, 2-year, 18c; 1-year, strong, 9c. Golden Glow, strong roots, 5c. Perennial Phlox, best sorts, 10c. Pæonias, 12c. Hydrangea Pan. Grand., fine bushy plants, 8c; tree-shaped specimens, 25c. Other fine 2-year shrubs, Deutzias, Spiræas Weigelias, Snowball, Honeysuckle, etc., 10c. Packing light as consistent with safety and free for cash with the order. Fruit and ornamental trees, etc. Prices on application.

W. H. SALTER, Rochester, N. Y.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft.,	$25.00	per 1000.
Strong, 2 to 2½ ft.	20.00	"
1000 Coreopsis, strong clumps	4 00	per 100.
Achillea The Pearl, strong clumps.	6.00	"
Gaillardia Grandiflora, clumps	5.00	"
Golden Glow, strong clumps	2.50	"
Helianthus Maximiliani	2.50	"
Roseum	3.00	"

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.

PETERSON NURSERY,
170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book,** containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

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EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

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C. W. McKELLAR



Cattleyas ..... $6.00 per doz.
Dendrobiums .... $2.00 to 4.00 "
Assorted Orchids, 5.00 to 25.00 per box.

ORCHIDS

51 Wabash Ave.
CHICAGO

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW THAN EVER. TRY ME.

L. D. Phone Central 3598.

Everything in suitable flowers and supplies for June Weddings and School Closings.

Phone or telegraph your rush orders if you want prompt service and the best stock that is.

PHILADELPHIA.

The Market.

The volume of Memorial day business appears to have been larger than usual. Carnations were in very heavy demand, with the supply not quite large enough to meet all requirements. There was some complaint of sleepiness. Peonies were very popular, but in short supply. All roses were poorer in quality, but higher in price Tuesday, but peonies were accumulating and prices were lower except on the fancy grades. The commencement at Bryn Mawr college on Wednesday creates a heavy demand for sweet peas, Beauties, Liberties and valley. Business may be said to be excellent. Outdoor sweet peas are arriving.

Plant Notes.

The last ten days have been days of great activity in bedding, basket and decorative plants. It would be absurd to say that the growers had sold out. The supply is too large for that to be literally true, except in isolated cases, some special size, or variety, or small places with limited quantity. But the quantity of plants sold has been most gratifying. No one looking over the houses of the growers today could have any doubt that the people love growing plants. Their use in gardens, on porches, at windows and in the cities of the departed is universal. The growers of pot roses, geraniums, small blooming plants and others expected this heavy demand accentuated by the week of bright, warm weather and have profited by it to the fullest extent. But I think the foliage plant growers have been agreeably surprised at the strong tide running in their favor. Many of them feel that this stock is better sold after the summer's growth, but it is doubtful policy to refuse orders that hardly any one is bold enough to venture. Areca lutescens, considered by many a back number, is experiencing a run on the decorative sizes, while the other standard foliage plants are being sent out as fast as they round into salable shape.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

11. Who is the buyer described in your column and whom does he represent? John McIntyre, with H. H. Battles.

12. Will the Liberty rose be grown more largely about Philadelphia next season? Yes.

13. I have two small houses, 20x75 and 16x75 feet, respectively. What should I grow in them to sell to the Philadelphia market to make them pay best? I know very little about the business yet. An impossible question. If it must be answered without further information, try Asparagus plumosus nanus.

14. Does bouvardia pay as a cut flower in the wholesale market? Apparently not, but it is deserving of further trial.

15. Did Dutch bulbs forced for cut flowers prove profitable last winter and spring? No; it was an off season.

PHIL.

Peony night at the Florists' Club of Philadelphia will be held in connection with the regular June meeting, on Tuesday evening, June 7. Exhibits are invited by the committee having the matter in charge, and it is to be hoped an exhibition worthy of the flower will result.

Those intending to exhibit should forward the flowers by express, prepaid, in care of David Rust, Horticultural Hall, Broad street, above Spruce, Philadelphia, Pa. EDWIN LONSDALE, Sec'y.

LYNN, MASS.—Gibbs Bros. have begun work on two houses, one 18x100 and the other 25x120.

EASTON, PA.—A hail storm on May 19, broke 450 feet of double thick glass in the greenhouses of Howard P. Kleinhans.

TOLEDO, O.—George A. Heinl had his place and stock in fine shape this spring and has done a big business in bedding plants. The season is now about over and stock well cleaned up.

SADDLE RIVER, N. J.—J. G. Esler, secretary of the Florists' Hail Association, says that nearly all those struck by the destructive ice storm at Pueblo, Colo., May 20, carried double insurance.

WIETOR BROS.



Wholesale Florists,
51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$5 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good	2 00
" fancy	2 50 to 3 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Vegetable Forcing.

CLEANING CUCUMBER HOUSES.

Since pests of various kinds are likely to increase with the age of the greenhouse it is good practice to follow some systematic treatment of the house each year as a means of prevention. As cucumber houses are usually empty for a portion of the year it is possible to apply stringent remedies. We have made a practice each year of thoroughly fumigating our houses with either burnt sulphur or hydrocyanic gas, or both, before putting in the crop. We have burned sulphur at the rate of 200 grams (about six ounces) to 1,000 cubic feet of space and hydrocyanic gas at the rate of

25 grams cyanide (nearly 1 oz.).
½ more by weight of sulphuric acid.
½ more by weight of water than acid.

This amount is sufficient for 100 cubic feet.

The sulphur treatment is not as expensive as the cyanide, and while the sulphur is desirable for some things the cyanide is better adapted for others. Either of these treatments will effectually remove certain pests common to greenhouses, and we believe it desirable for growers to practice fumigation methods.—George E. Stone, in Bulletin of Hatch Experiment Station.

manure and coarse sand. Good drainage is essential, for although when growing water must be given freely, it should be remembered that a stagnant condition of the soil will result in yellow and sickly-looking leaves. As these plants are often kept for a long time in the same pots, when grown under cool conditions, small lumps of charcoal should be well mixed with the potting soil.

The aspidistra is said to be almost hardy, and I have seen a number of plants in a house from which frost was scarcely excluded. These had a healthy appearance, but were somewhat stunted in their growth. For general use they are much better grown under warm conditions, especially during the time they are making growth. The leaves and stems are then longer, which result in more graceful specimens being secured. The most suitable time to repot or divide the plants is just when they are beginning to grow. A little warmth at this time is most beneficial, as it will greatly assist the formation of new roots, and the plants will soon become established. Abundance of water will be required during the summer, when growth is being made, but not much will be needed during the dark days of winter. Indeed, many plants are spoilt by inattention to this particular.

Aspidistras are not much troubled with insect pests, but when grown in warm houses, thrips sometimes makes its



Mr. Compere. Mr. Rees.

Section of Freesia Fields of Rees & Compere, Long Beach, Cal.

ASPIDISTRA LURIDA.

Perhaps no other plant, used generally for decorative purposes, is better known than Aspidistra lurida. No doubt this is owing to its very accommodating nature, as it will grow and flourish under adverse conditions where many other plants would succumb. In houses where gas is used, in smoky districts, or dark rooms, it is a most valuable plant, but it will be scarcely necessary to add that it will be more satisfactory under better conditions.

The aspidistra is popularly known as the parlor palm. Its thick, handsome, shining leaves, somewhat resemble those of some kinds of palms, and from the fact that it flourishes so well in "parlors," the name is appropriate. Although the aspidistra will grow in a poor, light soil, it thrives much better under generous treatment. A suitable medium in which to put it is good turfy loam, leaf-mold, a little well-decayed

appearance, but can easily be kept at bay by sponging or syringing periodically with any approved insecticide. Used as a window plant, the aspidistra should have the leaves sponged over once a week with clean water, to free them of dust. Or the plants may be stood outside during a shower of rain, if the weather be not too cold or windy. The variegated aspidistra is in every way as good and useful as the green, it being purely a matter of taste which one may like best.

It is fairly well known that aspidistra flowers appear on the creeping rhizomes, and seem to "sit upon the soil," so to speak. There are many who do not recognize them as flowers, and I have several times had them pointed out to me as something extraordinary.—Gardeners' Magazine.

Cleveland, O.—Smith & Fetters are having a very fine run of wedding work.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

Clover seed is rapidly approaching the usual summer dullness.

The A. A. Berry Seed Co., Clarinda, Ia., will build a large warehouse this season.

Oklahoma City, Okla. — Mr. De Beere, representing the L. A. Budlong Co., onion set growers, Chicago, has been booking orders here.

The Ohio Department of Agriculture reports that the acreage of clover sown is ninety-one per cent of the area sown last year.

The acreage of clover sown in Michigan, compared with 1903, is, in the state and southern counties eighty-nine, in the central counties eighty-eight and in the northern counties ninety-two.

An international committee has been formed for the purpose of erecting a memorial at Paris to the late Henri de Vilmorin. The United States is represented by Prof. C. S. Sargent, of Arnold Arboretum, Boston.

Many seed dealers find that poultry supplies make a very popular side line and in some instances very large catalogue trades have been built up in this department. The Harvey Seed Co., of Montgomery, Ala., has found the poultry department well worth developing.

The English growers are attempting to rival with the potato the famous tulip craze in Holland. Seed stock of one or two new varieties has been sold, literally, for its weight in gold and now small plants of the variety Eldorado are selling at $10 each. And they have a National Potato Society.

In the three leading lines of canned vegetables—tomatoes, corn and peas—our export business, compared to the annual production and home consumption, is almost insignificant. A few tomatoes are sent abroad each year, and, of course, a small quantity of corn and peas; but our foreign trade in these vegetables is still in its infancy and will require vigorous pushing to develop. And development in exports of staple vegetables is desirable to provide wider markets and a bigger outlet for American canners, and to carry off a portion of the surplus in seasons of excessive production.

Toledo, O.—At the Scottwood Greenhouse they say that the sale of bedding plants has been heavier than ever before and that Decoration day trade was very good.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

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Primula Seed

THE VERY FINEST SELECTED STRAIN.

ALBA MAGNIFICA, white,	50c	per packet.
RUBY QUEEN	50c	"
ROSE CARMINE	50c	"
THE BRIDE	50c	"
CHESWICK RED	50c	"
PINK BEAUTY	50c	"
ROSE QUEEN	50c	"
BLUE GEM	50c	"

All our Primula Seed is sold in sealed packets only and contain 150 seeds.



Cineraria Seed

S. & W. CO.'S GIANT PRIZE STRAIN,
Per pkt. (500 seeds), 50c; per 1-64 oz., $2.00

CINERARIA GRANDIFLORA,
Large flowered, prize varieties, splendid mixed, per 500 seeds $1.00
Per 1-64 oz. 3.00

MIGNONETTE MACHET,
Per packet ..... 25c; per oz., 75c

CANDYTUFT EMPRESS,
Per packet ..... 10c; per oz., 25c

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote
LILIUM HARRISII,
LILIUM LONGIFLORUM,
DUTCH HYACINTHS
and other Bulbs for florists. Send for prices, stating kinds and quantities required.

ASPARAGUS PLUMOSUS NANUS, $1.00 per 100; $7.00 per 1000.

CYCAS REVOLUTA STEMS, per case of 300 lbs. at 6c per lb.; broken cases at 8c per lb. The stems run from 1 to 5 lbs. each.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.
Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.
Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,
1409 W. Madison St., CHICAGO.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

NOTICE!

It will pay you to watch this space carefully each week. Our special offers are always good value and always seasonable.

THIS WEEK WE OFFER FINE

CYCAS STEMS weighing from ½ pound to 15 pounds each at 10 cents. Also 25 pounds for $2.00; 100 pounds, $7.00.

TUBEROSES Choice bulbs in prime condition, 80 cents per 100; $7.00 per 1000.

Let us quote you prices on Seeds, Bulbs, Plants or Implements.
Send for Wholesale Catalogue.

HENRY F. MICHELL CO., 1018 Market St., **Philadelphia.**

Mention The Review when you write.

CLEARANCE —SALE— **Gloxinias** At ⅓ Regular Prices.

GIANT FLOWERNG ——— Five Separate Colors.

If you can use them this is your opportunity. The quality is the best obtainable, and in excellent condition.

	Per doz.	Per 100	Per 1000
SPLENDID MIXED, all colors	30c	$1.75	$16.00
GIANT FLOWERING, red, pink, blue, spotted and white	40c	3.00	28.00

See our BULB OFFER in last week's Review.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

LILY OF THE VALLEY COLD STORAGE

EXTRA SELECTED PIPS for delivery from now on through the Summer and Autumn, **Per 1000, $15 00**

LORRAINE BEGONIAS, Healthy Stock, 2¼-inch pots, immediate delivery, per doz., $3.00; per 100, $22.50; per 1000, $200.00. June-August delivery, per doz., $2.00; 100, $15.00; 1000, $140.00

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**

Mention The Review when you write.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

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Burpee's Seeds Grow

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Samuel S. Pennock, THE WHOLESALE FLORIST

HIGH GRADE FLOWERS FOR Weddings and Commencements

WILD SMILAX.

1612 {Ludlow Street, Philadelphia

Mention The Review when you write.

RAILROAD LANDSCAPING.

While the necessity of retrenchment, or some other reason, is prompting a number of railroads to discontinue their gardening departments, it is not so with the Michigan Central. It is nearly twenty-five years since it took up this work and last year at the greenhouses at Niles and Ypsilanti over 200,000 bedding plants and shrubs were grown for use on the station grounds along the line. This year the gardening department has been equally busy, most of the stock now being planted out. The Michigan Central also grows large quantities of cut flowers for its own use. The Chicago & Northwestern has large greenhouses at Waukegan, Ill., for the Milwaukee division and at West Chicago for the main line, where thousands of bedding plants and shrubbery have been grown the past season and are now planted out along the road. The Burlington is following suit, with its greenhouses at Aurora, and the Illinois Central is doing more work in this line than ever before, as its greenhouses at Champagne have only this season got under full headway.

PEWAUKEE, WIS.—Frank Scholl has a new house 18x40 in course of erection.

NORWOOD PARK, ILL.—Carl Niemann is starting in here as a carnation grower and expects to soon build up a good-sized range, producing for the Chicago market. Mr. Niemann was formerly for some years employed by the west parks as gardener and was president of the union.

VALLEY, NEB.—W. R. Nightengale does a considerable business in vegetable plants and says seeds of all kinds have germinated very irregularly this season. He is an extensive grower of sweet potato plants and these rotted early in the spring, but as soon as the weather cleared they began to sprout fairly well. He has a large tank and steam pump in connection with his hot-beds and can supply water in any quantity. S. B. Stewart, the Omaha seedsman, handles a great deal of Mr. Nightengale's output.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. **149**, care Florists' Review, Chicago.

WANTED—At once, florist to take charge of small retail place (Texas); $30 per month, room and board, to competent man; references required. Address No. **144**, care Florists' Review, Chicago.

SITUATION WANTED—By a young man 22 years old, with 5 years' experience in greenhouse; understands care of mushrooms, carnations and general work. New York or vicinity preferred. Address Joseph Roberts, Concordville, Pa.

WANTED—First-class carnation grower immediately, to take charge of section; must be sober, industrious and reliable; steady position; state salary expected; references. Address No. **146**, care Florists' Review, Chicago.

WANTED—Reliable working foreman for 60,000 feet of glass; one capable of taking full charge; must be posted in growing of high grade cut flower stock; sober, industrious and able to handle help. State wages expected, experience and references. Steady position to right party. Western man preferred. Address No. **145**, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant, up to date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. **143**, care Florists' Review, Chicago.

FOR SALE—At auction, florists' and market gardening place, 10 a. m. Thursday, June 23. 7000 ft. of glass, steam heat. 25 acres land, house, barn, stock, tools, crops. Near 1500 population; on electric road; fine chance. A. F. Johnson, Gardner, Mass.

WANTED—At once, rose grower who can turn out good stock; must be sober, industrious and reliable; steady position to right party; state wages expected and also references. Address No. **147**, care Florists' Review, Chicago.

SITUATION WANTED—Young man, age 17, desires to serve apprenticeship with some florist near Park Ridge, Ill. Chas. Londenberg, 793 W. 14th Place, Chicago, Ill.

WANTED—A good general purpose man, one who can do all kinds of work about a greenhouse and understands construction. Address Box 442, Rockville, Ind.

WANTED—To buy about 10,000 or 15,000 feet of glass in good condition, vicinity of Chicago preferred; $800.00 cash, balance on time. Address No. **150**, care Florists' Review, Chicago.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. If property is not sold will sell stock and lease to responsible party. C. B. Humphrey, Rome, N. Y.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. **151**, care Florists' Review, Chicago.

WANTED—A first-class florist to take charge of conservatories growing a general line of stock on a large estate near Lexington, Ky. First-class house and liberal salary to proper party. Address with reference and price—Honaker, The Florist, Lexington, Ky.

WANTED—Foreman for section of rose houses (Chicago); must be competent, married man; must answer in person if considered; wages $15.00 per week. Address No. **152**, care Florists' Review, Chicago.

WANTED—A good all-round florist for cut flowers and pot plants; wages $12.00 per week. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. **153** care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—A fine house and business. Good paying place. Address T. Kloss, St. Peter, Minn.

FOR SALE—A well-paying, up-to-date greenhouse establishment, in thriving town with 6 railroads, in Central Indiana natural gas belt; best rose soil in country; a golden opportunity for a florist with small capital. Address No. **148**, care Florists' Review, Chicago.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply: wages $25 per month, board and room; chance for advancement. Address No. **116**, care Florists' Review, Chicago.

WANTED—Help, first-class rose grower to take entire charge rose section; comfortable position, $15.00 weekly, to competent man; locality, suburb of Toronto; references required. Miller & Sons, Bracondale, Canada.

WANTED—A young man as assistant in greenhouses, must have had experience in general work; be sober and industrious, and able to assist in office at design and floral work; give references and state wages wanted without board. Address No. **134**, care Florists' Review, Chicago.

WANTED—At once, a reliable florist to take full charge of 15,000 feet of glass and capable of growing a general stock of first-class cut flowers and plants for retail store trade; must be sober, honest and good worker; send references and state wages with room and board in first letter. Address Fred. J. King, 720 Madison St., Ottawa, Ill.

FOR SALE—Cheap for cash, a well-paying florist business. 4,000 square ft. of glass, in city of 18,000. For particulars, address A. Schoepen, Marietta, O.

FOR SALE—Having decided to change to steam we offer one No. 1 Kroeschell boiler 7 years old, new flues and flue head 1 year ago; one No. 3 Kroeschell boiler almost new; one Phelps Ideal hot water heater, a good cheap heater to put in for safety; six 4-inch gate and angle valves; six 2½ inch gate valves; a large number 2½-inch and 4-inch screw fittings, all good as new; also three closed expansion tanks with safety and air valves. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR RENT or SALE. Modern greenhouse plant and dwelling at Moorestown, N. J., 9 miles from Philadelphia. 4 houses 100x28, propagating house, sheds, barn and cold frames; 2 acres ground. The stock, tools, pots, wagons, etc., will be sold at great sacrifice. Splendid chance for live man. Immediate possession. Joseph T. Sullivan, 429 Walnut Street, Philadelphia, Pa.

Situation Wanted

By a designer and decorator, second to none. Can furnish the very best of references as to ability. Am capable of taking entire charge of store. The West preferred. Address No. **140**, care Florists' Review, Chicago.

IN OKLAHOMA

Our business, Nursery, Seed and Floral, has grown up to our full financial capacity and is still expanding. We want more capital to use in it. Will take a partner with money to invest, who can furnish A1 references, or we can give good security for a loan. Correspondence solicited.

THE STILES CO.,

Seedsmen, Nurserymen, Florists.

Oklahoma City, Oklahoma.

Mention The Review when you write.

LEO NIESSEN.

For JUNE WEDDINGS and COMMENCEMENTS
BEAUTIES AND VALLEY

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

CHARLES F. EDGAR & CO.,

Specialties: Cape Jasmine, Carnations and Peonies

CONSIGNMENTS OF CHOICE STOCK SOLICITED.

Wholesale Florists, 1516-18 Sansom St., PHILADELPHIA.

ROSES, CARNATIONS, SWEET PEAS. **EUGENE BERNHEIMER**

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Fancy Valley.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

A Daily Cut From 40 Growers

"Highest Qualities" as well as "Under Grades"

At Ruling Market Quotations.

WE CAN AND WILL SUPPLY YOUR

Cut Flower Wants

TO ADVANTAGE.

Headquarters for "Superior Quality" Brand

Wild Smilax (None Better) Galax, Fancy Ferns, Etc.

We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.,

E. F. Winterson, J. P. Degnan, L. H. Winterson.

Successors to McKellar & Winterson.

45-47-49 Wabash Ave., CHICAGO

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,

300-306 Dearborn St. CHICAGO.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

Wholesale Cut Flower Prices.

Philadelphia, June 1.

			Per doz.
Beauties,	Specials	$2.00 to	$3.00
"	Extra		1.50
"	No. 1		1.00
"	Shorts		.75
Queen of Edgely,	Specials	1.50 to	2.50
" "	Medium		1.00
" "	Shorts		.75
			Per 100
Bride and Bridesmaid,	No. 1	5.00 to	8.00
" "	No. 2	2.00 to	3.00
Golden Gate,	Firsts	5.00 to	8.00
"	Seconds	2.00 to	3.00
Kaiserin,	Firsts	5.00 to	8.00
"	Seconds	2.00 to	3.00
Liberty,	Firsts	8.00 to	15.00
"	Seconds	2.00 to	6.00
Meteor,	Firsts	4.00 to	6.00
"	Seconds	2.00 to	3.00
Perle		2.00 to	4.00
Sunrise		2.00 to	5.00
Orchids			50.00
Carnations,	Commons	1.50 to	2.00
"	Fancies, all colors	2.50 to	3.00
"	Prosperity	3.00 to	4.00
"	Enchantress	3.00 to	4.00
Adiantum Cuneatum			1.00
Asparagus Plumosus,	Strings	35.00 to	50.00
" "	Sprays	35.00 to	50.00
Callas		5.00 to	10.00
Daisies		.50 to	1.00
Lilium Longiflorum		6.00 to	10.00
Lily of the Valley		2.00 to	5.00
Peonies		6.00 to	8.00
Smilax		12.00 to	15.00
Sweet Peas		.50 to	1.00
Tulips			2.00
Gardenias	per doz.	.75 to	1.00
Jasmine			1.50
"	per 1000		12.50

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

THAT little one-inch advertisement in your valuable paper did the work all right as usual.—J. F. Ammann, Edwardsville, Ill.

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in CUT FLOWERS

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Daisies, Sweet Peas.

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

PEDESTAL GROWN

Pandanus Veitchii,

12-inch pots, $6.00 each.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

ORCHIDS.

Arrived in **perfect** condition—Cattleya Mossiae, C. Labiata, C. Trianae, Laelia Crispa, L. Anceps, Oncidium Varicosum Rogersii, O. Crispum, and many more. Write for prices.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Yellow Daisies -- Fine Kaiserins,

Maids and Brides, Fancy Carnations.

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash

Wholesale Florists.

55-57 W. 26th St. NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices

ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

WHOLESALE COMMISSION,

The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.

57 W. 28th Street, NEW YORK.

My large shipping trade enables me to command the highest prices.

Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of **$5.00.**

FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, May 30.

		Per 100	
Beauties,	Specials	$ 8.00 to	$12.00
"	Extra	4.00 to	6.00
"	No. 1	2.00 to	4.00
"	Shorts	1.00 to	2.00
Brides and Maids,	Specials	2.00 to	4.00
" "	Extra	1.00 to	2.00
" "	No. 1	.50 to	1.00
Golden Gate		1.00 to	4.00
Liberty		2.00 to	15.00
Meteor		1.00 to	8.00
Orchids, Cattleyas		30.00 to	40.00
Carnations, Common		.25 to	.50
"	Selects	.50 to	.75
"	Fancies	1.00 to	2.00
"	Novelties	2.00 to	3.00
Adiantum Cuneatum		.35 to	.50
"	Croweanum		1.25
Asparagus Plumosus, strings		25.00 to	50.00
Callas		3.00 to	5.00
Daisies		1.00 to	2.00
Gladioli		8.00 to	12.00
Lilac	per bunch	.10 to	.35
Lilium Harrisii		2.00 to	4.00
Lily of the Valley		.50 to	2.00
Mignonette		.25 to	2.00
Narcissus		.25 to	.75
Smilax		6.00 to	12.00
Stocks	per bunch	.10 to	.20
Sweet Peas	" "	.01 to	.05
Tulips		.50 to	1.00

WHO SAID SO, INDEED!

ED. REVIEW:—Please discontinue my Smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the REVIEW don't pay? It could only be the one who never tried them.

HARVEY B. SNOW.
Camden, N. Y., April 14, 1904.

CHAS. D. BALL,
GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.

CHRYSANTHEMUMS ROOTED CUTTINGS
Col. Appleton, Glory Pacific, Polly Rose, Bonnaffon, Jerome Jones, W. Yellow Monarch, White Ivory, $1.25 per 100; $10.00 per 1000.
Cash with order.
H. STAHLHUT, N. E Cor. New Lots Rd. & Shepard Av., Brooklyn, N Y.

Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
Mention The Review when you write.

REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
Mention The Review when you write.

If you are short of anything in Miscellaneous Stock, write
Geo. A. Kuhl, Pekin, Ill.
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 187 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

Mention The Review when you write.

ESTABLISHED 1873.

JOHN J. PERKINS

WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

Mention The Review when you write.

ALEX. J. GUTTMAN,

Wholesale Florist.

Shipments daily all over the country.

Correspondence Suggested.

52 West 29th St., - NEW YORK.

Tel. 1664-1665 Madison Sq.

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FRANK MILLANG,

CUT FLOWER EXCHANGE.

Coogan Building, 55-57 West 26th St. NEW YORK CITY.

Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Mention The Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

113 W. 30th St., NEW YORK CITY.

Tel. 854 Madison Sq.,

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Mention The Review when you write.

....THE....

COTTAGE GARDENS

Wholesale Florists,

QUEENS, - L. I., N. Y.

Mention The Review when you write.

National Florists' Board of Trade

NEW MANAGEMENT. Tel. Call, 655 John.

HARRIS H. HAYDEN (late manager of the Nepera Chemical Company). .....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar),..... Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

Mention The Review when you write.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, June 1.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	15.00 to 18.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	8.00
" " " Extra	4.00 to 6.00
" " " No. 1	2.00 to 3.00
" " " No. 2	1.00
Cusin	2.00 to 6.00
Kaiserin	2.00 to 10.00
Liberty	2.00 to 10.00
Carnations, Common	.75 to 1.00
" Selects	1.25 to 1.50
" Fancies	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	30.00 to 50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Daisies	.25 to 2.00
Gladioli	8.00 to 12.00
Lilium Longiflorum	6.00 to 8.00
Lily of the Valley	2.00 to 4.00
Mignonette	1.00 to 2.00
Peonies	3.00 to 6.00
Smilax	15.00 to 20.00
Candytuft	1.50 to 2.00
Stocks	1.50 to 2.00
Sweet Peas	.25 to 1.00

Buffalo, June 1.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 5.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 4.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 5.00
Sunrise	2.00 to 4.00
Carnations, Commons	1.00
" Selects	1.25 to 2.00
" Fancies	2.50 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 3.00
" Sprengeri "	1.00 to 3.00
Callas	5.00 to 8.00
Lil. Longiflorum	6.00 to 8.00
Lily of the Valley	1.00 to 3.00
Mignonette	1.00 to 2.00
Narcissus	1.00 to 1.25
Smilax	15.00 to 20.00
Sweet Peas	.40 to .75
Tulips	.75 to 1.00
Water Lilies	.50 to 3.00

KEWANEE, Ill. — Hamilton & Plummer expect to erect this season three Dietsch pattern houses, each 16x110 feet.

N. LECAKES & CO.

45 West 29th St., NEW YORK



Tel. No. 1214 Madison Sq. and 53 W. 28th St.



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Mention The Review when you write.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,

38 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Mention The Review when you write.

FORD BROS.

111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

CUT ROSES Direct from the... GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

Mention The Review when you write.

Lily of the Valley

of good quality always on hand.

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO.

Mention The Review when you write.

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

Mention The Review when you write.

For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.) Write, Wire or Phone the Introducers.

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

Mention The Review when you write.

Commercial Violet Culture.

BY B. T. GALLOWAY.

This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., Chicago.

Mention The Review when you write.



PALM—Latania Borbonica.

AUCTION—

ALBERT FUCHS, N

A Chance of a

disposed of to the highest bidder on Jun

E. F. WINTERSON COMPAN

"The finest stock of Palms in the West." The consensus of opinion of many up-to-date Florists who have visited our plant within the last month.

Illness compels me to retire from business and I have decided to sell o through the E. F. WINTERSON CO., 45, 47, 49 Wabash Avenue, Chicago North Halsted Street, Chicago, and consisting of 65,000 Palms, Ferns, etc., a "strung out" stuff in the lot; every plant is healthy and with fine, dark folia

If it will not be possible for you to attend the auction in person or th E. F. Winterson Co., with remittance of 10 per cent. made out in the name of highest price you wish to bid on the different stock listed. Either myself or m stock will be shipped to you, carefully packed, previous to June 22nd. In the e in full within three days after the sale. Messrs. Greenbaum will hold in trust firm (one of the best known banking institutions in the West) as to quality of s

MESSRS. E. F. WINTERSON CO., Superintendent of Auction.

Make Checks Payable to { GREENBAUM & SONS, Bankers, 83-85 Dearborn St., Chicago

We hereby authorize you to bid in for us at the auction of the **ALBERT FUCHS GREENHOUSES** the following goods at the price stated and we enclose 10 per cent of the total purchase which you guarantee to return within 3 days after the auction, should the stock be sold at a higher price than we bid, or send us the goods within one week from date of sale carefully packed.

Quantity	Kind	Size Pot.	No. Leaves.	Height of Plant.	Wholesale Value.	My present Prices. Each.	Per 100.	Insert here price you wish to bid.
6 00	Kentia Belmoreana, from seedbed,		2		$ .06	$ .05	$3.00	.....
80 0	" "	2½	2-3	4-6	.09	.06	4.00	.....
7000	" "	3	3-4	6-10	.15	.09	7.00	.....
8000	" "	4	4-5	9-14	.35	.20	18.00	.....
3000	" "	5	6-8	18-30	.75	.60	50.00	.....
2000	" "	6	6-8	26-36	1.50	1 15	90.00	.....
800	" "	7	6-8	28-38	2.50	2.00	170.00	.....
200	" "	8	6-8	36-42	3.00—5.00	2.50	220.00	.....
100	" "	9	6-9	40-48	7.00—10.00	5.00	.....	.....
2500	Kentia Forsteriana, ...	3	3-4	6-8	.15	.14	12.00	.....
500	" "	5	5	20-38	.75	.70	65.00	.....
50	" "	6	5-7	24-36	1.50	1.25	100.00	.....
1000	" "	7	5-7	42-52	2.50	1.60	150.00	.....
150	" "	8	5-7	48-72	3.00—10.00	2.50 - 8.00	.....	.....
100	" "	9	5-7	68-78	5 00—25.00	4 00—15.00	.....	.....
1000	" made-up	7	...	28-40	1.50	1.10	100.00	.....
500	Pandanus Utilis, ...	6	...	15	1.00	.60	50.00	.....
200	Pandanus Veitchii, ...	6	...	15	1.00	1.00	90.00	.....
200	" "	7	...	22	2.00	1.75	150.00	.....
190	" "	8	...	28	3.00	2.25	200.00	.....
1000	Latania Borbonica	5	5-7	12-15	.40	.20	18.00	.....
2000	" "	6	5-8	16-28	.75	.40	35 00	.....
1000	.....	7	6-9	26-30	1.00	.75	65.00	.....

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Sale will be Held on June 15 and June 16, 2 to

—AUCTION

2045 North Halsted Street, CHICAGO

Lifetime 75,000 Palms, Ferns, Etc., to be

ne 15 and June 16

NY, Auctioneers



PALM—Kentia Forsteriana.

on June 15th and 16th inst., between the hours of 2 and 5 p. m., by Auction, o, and to the highest bidder, the contents of my greenhouses, located at 2045 as listed below, all of which have been cool and light grown, no forced or age. All of these plants are ready for immediate shift.

hrough a representative, send a commission, either direct to myself or to the Greenbaum & Sons, bankers, 83-85 Dearborn Street, Chicago, and state the ny auctioneers will offer said bid in auction and if there is no higher bid the event that your offer is overbid the amount advanced by you will be returned all moneys advanced in this connection and we are priveleged to refer to this stock offered and our ability to carry out any contracts made by us.

If you cannot attend the Auction in person or send a representative either myself or E. F. Winterson Co. will look after your interests. Don't fail to send remittance to extent of 10% with your commission.

Make all checks payable to Greenbaum & Sons, Bankers.

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th much more money it; will soon order

, Indianapolis, Ind.
excellent; check for

of St. Louis.
ers telegraphed for e day after they got heir check for $2,845 they received Palms not a pot broken."

rd, Mich.
much, nor such fine ere packed elegant."

Quantity	Kind	Size Pot.	No. Leaves.	Height of Plant.	Wholesale Value.	My present Prices. Each.	Per 100.	Insert here price you wish to bid.
1000	Latania Borbonica	6	6-9	30-32	$2 00	$1.50	$ 90.00	.....
250	" "	9	7-9	32-36	8.00	2.50	225.00	.....
	Ficus Elastica	5	...	....	.50	.35	30.00	.....
	" "	6	...	....	.75	.50	44.00	.....
	Stock Plants	5-8	...	....	1 25	.75	25.00	.....
7000	Boston Ferns, cool gr., fr. bench	...	...	....	....	.15	10.00	.....
400	" " " "	5	...	....	.40	.20	18.00	.....
200	" " " "	6	...	..	.60	.40	30.00	.....
	Asparagus Plumosus	4	...	....	.15	.12½	12.00	.....
	" Sprengeri	4	...	....	.15	.10	10.00	.....
	" "	5	...	....	.30	.20	18.00	.....
	" " Mossbaskets	...	...	....	1.50—2.50	1.00—2 00	.....	.....
	Aspidistra, green, per leaf	...	...	....	....	.05	5.00	.....
	" variegated	...	...	....	....	.15	15 00	.....
	Areca Lutescens	5	6-8	15-20	.50	.25	20.00	.....
	" "	6	6-12	22-36	1.00	.60	50.00	.....

Cycas Revoluta, Sago Palm, fine large trunks, 5—10 feet high, $25.00 to $200.
1 Kentia Belmoreana, 12 feet high, 10 leaves, $150.

A GOLD DOLLAR FOR 50 CENTS I offer previous to the auction my entire institution with upward of 75,000 of the best Palms, Ferns, etc. in the country **for only $18,000** and will give a 99 year ground lease at the very low rate of $200 per month, to parties who can furnish reliable security, I will sell on the basis of one fourth cash and the balance on long time.

FLORISTS, VEGETABLE GARDENERS, Etc., In the event that I do not sell my entire plant to one party, the following greenhouses are for sale at prices named, viz: 2—25x100 feet houses for $300 each, cost $1,200 each; 3—25x115 feet houses for $320 each, cost $1,500 each; 2—25x100 feet houses for $325 each, cost $1,500 each; 3—25x150 feet houses for $500 each, cost $2,100 each. These greenhouses will be sold separately or if the entire 10 are taken I will sell them for $3,000.

NY, E. F. WINTERSON. JOHN P. DEGNAN. L. H. WINTERSON. AUCTIONEERS

5 P. M., at 2045 North Halsted Street, Chicago

Wholesale Cut Flower Prices.

Chicago, June 1.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24 "		2.00
" 20 "		1.50
" 15 "		1.25
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$5.00 to	$ 6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	8.00 to	10.00
" Firsts	4.00 to	6.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Meteor, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Mme. Chatenay, Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Ivory, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Sunrise, Firsts		7.00
" Seconds	3.00 to	6.00
Perles, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Carnot	5.00 to	8.00
La France	5.00 to	8.00
Kaiserin	5.00 to	8.00
Carnations, Fancy	2.00 to	3.00
" Common	1.00 to	2.00
Peonies, per doz.	.85 to	.50
Gladiolus, per doz.		1.50
Tulips	2.00 to	5.00
Mignonette, doz.	.35 to	.50
Sweet Peas	.50 to	1.00
Easter lilies, $1.00 to $1 50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Valley	2.00 to	4.00
Asparagus strings	40.00 to	50.00
" sprays, per bunch	.35 to	.50
" Sprengeri	3.00 to	6.00
Smilax, per dozen		2.00
Galax, per 1000		1.25
Ferns, per 1000		3.00

MATTOON, ILL.—J. W. Shrader has sold a large cactus and a number of large palms to the St. Louis exposition. They were shipped May 16 in a special car.

JACKSONVILLE, ILL.—J. E. Young, who has been with Joseph Heinl for four years, has been appointed florist at the Central Insane Hospital, succeeding D. F. Pocock.

E. H. HUNT
THE "OLD RELIABLE" FOR
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Specialties in Cut Flowers.
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To Cut Flower Growers:
Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave, CHICAGO? If not, do so at once, you may profit by it.
CALL ON OR ADDRESS PERCY JONES, Manager.

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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
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Fresh Stock always ready for orders.
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Wholesale Florist
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FOR JUNE WEDDINGS:

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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

Mention Review when you write. Send for Weekly Price List

Wholesale Cut Flower Prices.

Milwaukee, June 1.

		Per 100
Beauties, Specials		$25.00
" Extra	18.00 to	20.00
" No. 1	12.50 to	15.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, Specials		6.00
" " Extra		5.00
" " No. 1		4 00
" " No. 2		2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	6.00
Liberty	10.00 to	12.00
Meteors	4.00 to	6.00
Perle	4.00 to	6.00
Carnations, Selects		1.50
" Fancies	2.00 to	3.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Callas		10.00
Daisies	.50 to	.75
Lilium Longiflorum		12.50
Lily of the Valley		2.00
Mignonette		2.00
Pansies		1.00
Peonies		5.00
Smilax		18.00
Sweet Peas		.50
Galax		.20
Common Ferns		.25

PARSONS, KANS.—Wm. J. Wirt says that business has been very good this spring, everybody rushed. He is building a new rose house, office, storeroom and workroom.

"THE more we advertise in the REVIEW the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement.''—WM. BIERSTADT & SON, Springfield, Ill.

I GO to the REVIEW, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. GALLOWAY, Eaton, O.

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

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Leucothoe Sprays, assorted sizes, $1.00 per 100. Fancy or Dagger Ferns. Cycas Leaves and all kinds of Florists' supplies at lowest market prices.

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WIRE WORK.

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Wholesale Cut Flower Prices.

St. Louis, June 1.

		Per 100
Beauties, Specials	$2.50 to	$3.00
" Extra	1.00 to	1.50
" No. 1	.75 to	1.00
" Shorts	.50 to	.60
Brides and Maids, Specials	6.00 to	8.00
" " Extra	4.00 to	5.00
" " No. 1	2.00 to	3.00
Carnot	5.00 to	8.00
Golden Gate	5.00 to	6.00
Kaiserin	5.00 to	6.00
Liberty	3.00 to	5.00
Meteor	3.00 to	5.00
Perle	3.00 to	4.00
Sunrise	3.00 to	4.00
Carnations, Common	1.00 to	1.50
" Selects	2.00 to	2.50
" Fancies	2.50 to	3.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Callas	6.00 to	8.00
Daisies	.35 to	.50
Gladiolus	3.00 to	4.00
Lilac	3.00 to	4.00
Lilium Harrisii	8.00 to	10.00
Lily of the Valley	1.50 to	3.00
Pansies	.25 to	.50
Peonies	4.00 to	5.00
Smilax	15.00 to	25.00
Sweet Peas	.50 to	.75

Cincinnati, June 1.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	20.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		6.00
" " Extra		5.00
" " No. 1		4.00
" " No. 2	2.00 to	3.00
Cusin	2.00 to	4.00
Golden Gate	2.00 to	6.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	8.00
Meteor	2.00 to	6.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		1.50
" Selects	2.00 to	2.50
" Fancies	3.00 to	4.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings	50.00 to	60.00
" Sprengeri sprays	2.00 to	3.00
Callas	6.00 to	10.00
Daisies	.35 to	.50
Lilium Longiflorum	8.00 to	10.00
Lily of the Valley	3.00 to	4.00
Peonies	2.00 to	6.00
Smilax	12.50 to	15.00
Stocks	2.00 to	4.00
Sweet Peas	.50 to	.75

THE REVIEW is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. MCSWEENEY.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., **ST. LOUIS, MO.**

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. **BEST CALIFORNIA VIOLETS** in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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The Largest Florists Supply House in America.

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New Crop Dagger Ferns, 75c per 1000. Fancy Ferns $1.25 per 1000. Galax, bronze or green, 75c per 1000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. Flowering Laurel in its season; can ship large or small lots. 50c for a nice bunch with lovely pink blossoms.

Just what you want for your June Decorations.

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311 SUTTER ST., **SAN FRANCISCO, CAL.**

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

ELLIOTTIA RACEMOSA was sent to England ten years ago by P. J. Berckmans, Augusta, Ga., but it succumbed. Two years ago Mr. Berckmans sent other plants of it and now to all appearances two of these are well established at Kew. The shrub is a native of Georgia, but is thought not now to occur in a wild state.

PRIMULA OBCONICA has shown considerable variation in late years and from selected seedlings varieties have been obtained that produce larger flowers and greater variety of color. The culture is so simple that, in view of the improved strains now obtainable, it should be more largely used. If the handling of the leaves is found to cause irritation of the skin, the difficulty can be overcome by the use of gloves.

IT IS COMMON knowledge that a perceptible deterioration is gradually taking place in the old-named varieties of auricula, which continue to be reproduced by the detaching of their offsets. To offset this each grower should each year isolate and cross-fertilize his best plants. Choose the middle of a fine day for the pollination, when the trusses are well developed, using a camel's hair brush. When the seed is ripe preserve it in the seed vessels in a dry place till early the following spring. Sow in shallow pans and place in a hotbed and give careful attention to ventilation to maintain an even temperature. This will make germination more uniform. Harden off the seedlings and pot. Be careful about disturbing the roots in repotting and do not force.

YOUNG PLANTS of bouvardia raised from cuttings this spring should be grown in a moist and warm atmosphere, repotting them when necessary, a final shift into 5-inch pots being sufficient for spring-struck plants.

THE HIPPEASTRUM (amaryllis) is now a decorative plant from every point of view and affords a great variety of color. For this reason their popularity is increasing, both in greenhouse and garden, but at the same time it may be doubted if their beauty and utility are appraised as highly as they should be. James Veitch & Sons have cross-bred these plants very successfully. They are potted and started into growth in the middle of February and the pots are plunged to the rim in tan, which generates a little warmth that induces root action in proportion to growth. Seedlings average taking three years to flower. There is now a pure white form.

IN REPOTTING cattleyas and laeliocattleyas W. H. White, orchid grower to Sir Trevor Lawrence, says to make use of plenty of dry fern rhizome from the pete as drainage material, especially for large plants, and over this place a layer of rough moss or peat to support the compost, which should consist of fibrous peat, leaf soil and sphagnum moss in equal parts, with some silver sand. It is necessary that those inexperienced in the use of this potting material should use care in watering, as I have found more plants ruined by over-watering than by any other cause.

THERE IS MUCH greater danger of overmanuring than of under-manuring roses in benches. If there are indications of over-feeding, sow on the beds some quick-growing grass, such as Poa annua, that will take out some of the excess plant food; also give a liberal coating of gypsum or quick-lime (slaked), which will counteract an excess of soluble nitrogeneous food.

PLACE A FEW old plants of Euphorbia (Poinsettia) pulcherrima in the stove house to provide cuttings for an early batch of plants if required, and afford them a watering. When the growths are from three to four inches in length, take them off with a heel, and insert them singly in small pots filled with sandy soil. Afford a watering, and plunge the pots in the propagating-frame, or on a hotbed.

A GARDENER has obtained compensation at the Gloucester County Court under unusual circumstances. On June 2 last year, while in the act of picking up leaves from the lawn, his face came in contact with the point of a leaf of Agave Americana. The spine entered the ball of his left eye, inflicting injuries from which he has not yet recovered. His employer had insured her servants against accident, and the company paid the injured man 10s. per week compensation for a time, discontinuing to do so upon a medical man having certified that the gardener was fit for work again. After hearing counsel on both sides, his honor awarded claimant 10s. 6d. a week and half the value of the occupation of the house, assessed at £16 a year. Richings was earning £1 1s. per week at the time of the accident, and had a free house on the premises.

The Grand New Pink Rose La Detroit.

NOW IN 3-INCH POTS, READY FOR PLANTING.

$25.00 per 100; **$200.00** per 1000.

Surplus Stock, Grafted. 1000 Maids, 3-inch .....$12.00 per 100
500 Mme. Cusin, 3-inch, 12.00 "

Own Roots. 1000 Perles, 3-inch, $8.00 per 100; 500 Mme. Cusin, 3-inch, $8.00 per 100; 1000 Bon Silene, 2½-inch, $6.00 per 100

JOHN BREITMEYER'S SONS,

Gratiot and Miami Avenues. **DETROIT, MICH.**

Mention The Review when you write.

A BONE MEAL SUIT.

The following is reprinted from the Journal of Elizabeth, N. J., for May 25:

The Elizabeth Nursery Co., in a suit now on in Circuit Court, before Judge Vail, seeks to recover damages from the Lister Agricultural Works, of Newark, for the loss of plants which the local concern claims was due to a fertilizer it purchased of the defendant.

The nursery company has for the past six years made a specialty of rose plants, and four of its thirteen greenhouses are used for that purpose alone. In order to enrich the soil the nursery company last June directed the Lister Agricultural Chemical Co. to send it a half ton of its grade of fertilizer known as Lister's Pure Raw Bone Meal. When the company ordered the half ton of fertilizer, it had one bag and a half of the same brand on hand left over from January previous. This the company made use of in greenhouse No. 6, and on receiving the half ton used five of the six bags in the other three houses set apart for rose plants. In each of the four houses were 4,500 rose cuttings, making in all 13,500 plants, and in addition to that there were 10,000 3 and 4-inch pot plants.

George Regg, superintendent of the nursery, claims that a week after the new fertilizer had been used the leaves of the plants began to turn yellow, and in two weeks they began to die, while in greenhouse No. 6, where the old fertilizer had been used, the plants thrived and not one of them died. That of the 13,500 plants in the other three houses, 9,500 died, and of the 10,000 3 and 4-inch pot plants, only 500 lived. The plaintiff claims that on having the fertilizer examined it was found to be only half bone, the remainder muriate of potash, which even in exceedingly small proportions, is injurious to rose plants. As a result of their loss the nursery people, instead of sending out roses this spring, have been buying in plants, paying as high as 25 cents a plant, in order to restock their houses.

The defense is that the fertilizer sent the nursery company was the same as previously used and that when it left the works was just what it was represented to be. The loss to the company is laid to alleged want of care.

The defendant is represented by McCarter-Williamson & McCarter, the head of which is the attorney-general. Richard V. Lindabury, and Frederick J. Faulks, of Lindaburg, Depue & Faulks, of New York, are looking after the nursery's interests.

CLEVELAND, O.—Cecelia C. Jaynes, widow of the late Harris Jaynes, the pioneer florist, died May 23, aged 63 years.

TARRYTOWN, N. Y.—The Tarrytown Horticultural Society will hold a rose, strawberry and hardy flower exhibition June 14. E. W. Neubrand is secretary.

CEDAR FALLS, IA.—Joseph Bancroft & Son have concluded to drop hot water and use steam for heating their entire plant. The change will be made this summer.

Dracaena Terminalis, 5-in., $3.00 per doz.

Latania Borbonica. We have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz.; $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz.; $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz.; $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

A fine assortment of 2-inch FERNS for fern dishes, at $3.00 per 100; $25.00 per 1000.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, **CHICAGO.**

Mention The Review when you write.

10,000 Brides and Maids

A1 stock, ready for planting. Own roots, 3-inch, ready for shift, $60.00 per 1000; 4-inch, $100.00 per 1000.

Grafted Stock.

3-inch Maids, $15.00 per 100; 4-inch Brides and Maids, $20.00 per 100.

Pittsburgh Rose and Carnation Co.
CRYSTAL FARM,
GIBSONIA P. O., PA.

Mention The Review when you write.

KAISERIN, PERLE, $3.00 per 100. 2½-inch.

BRIDES, MAIDS, $2.50 per 100. 2½-inch.

J. C. MURRAY, Peoria, Ill.

Mention The Review when you write.

Asparagus Plumosus
From flats, ready for potting, $2.00 per 100; $18.00 per 1000. 2-inch, $3.00 per 100.

Roses. Brides, Bridesmaids and Golden Gates, 2-inch, $2.00 per 100.

SAMUEL WHITTON,
15-17 Gray Avenue, UTICA, N. Y.

Mention The Review when you write.

Here Is What You Want!

Geraniums—Leading var., mixed 2 and 3-inch stock	Per 100 $2.25 and	$5.00
Salleroi Geranium—2-inch		2.00
Petunias—Fine plants 2½-inch		2.50
Ivy Geranium—Choice varieties, mixed 2 and 3-inch pots	$2.00 and	4.00
English Ivy—3½-inch		3.50
Feverfew—2½-inch		2.25
Coleus Verschaffeltii—Golden Bedder and 10 other varieties, 2-inch		2.00
Vinca Variegata—4-in. pots, extra heavy		10.00
Boston Ferns—2½-in pots		4.00
Alyssum—2-inch		2.00
Lobelia—2 and 2½-inch fine plants from cuttings		2.25
Pyrethrum—2½-inch		2.25
Fuchsias—3-inch, a good mixture		4.00
Verbenas—2½-inch mixed		2.25
Centaureas—2½-inch		2.25
Tomatoes—All leading varieties, transplanted stock	$8.00 per 1,000	1.00

Cash please.

Converse Greenhouses, - Webster, Mass.

Mention The Review when you write.

KAISERIN, IVORY, BRIDE, BRIDESMAID Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Belmoral Ave., **CHICAGO.**

Mention The Review when you write.

Rose Plants EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50	per 100;	$35.00	per 1000
Brides	5.00	"	40.00	"
Bridesmaids	5.00	"	40.00	"
Mme. Chatenay	6.00	"	55.00	"

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

Mention The Review when you write.



A Great Acquisition.

The best of all ferns for cut fronds.
Brings the highest prices.
The easiest to grow and the easiest to sell.

Has received the highest encomiums from the leading cut flower dealers in the country.

BUY NOW.
Buy liberally and reap the benefits.

ADIANTUM CROWEANUM originated at Utica, N. Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets and has created a great demand for it.

The fronds are long, elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

Will be ready to ship JULY 1st, 1904, out of 3-inch pots, strong plants, at the following prices:
$5.00 per doz.; $35.00 per 100; $250.00 per 1000.
25 at 100 rate; 250 at 1000 rate.

The following firms also act as General Agents for this new Adiantum, and orders may be supplied through them:

H. A. DREER ..... **Philadelphia, Pa.**
VAUGHAN'S SEED STORE, Chicago and New York.
F. R. PIERSON CO ..... **Tarrytown, N. Y.**
C. C. POLLWORTH CO ..... **Milwaukee, Wis.**
E. F. WINTERSON CO ..... **Chicago, Ill.**
LAKEVIEW ROSE GARDENS ..... **Jamestown, N. Y.**
E. G. HILL CO ..... **Richmond, Ind.**
A. N. PIERSON ..... **Cromwell, Conn.**

W. F. KASTING, Sole Distributor, 383-87 ELLICOTT ST., BUFFALO, N. Y.

S. S. SKIDELSKY, Traveling Representative, Mail Address 708 N. 16th Street, PHILADELPHIA, PA.

A Prosperous Florist is Never Idle

Geraniums—Mme. Thibaut (double pink), La Favorite (double white), S. A. Nutt (double crimson), out of 4-inch pots, at $7.00 per 100.
Ageratums—(Blue), 4-inch pots, $6.00 per 100; 3-inch pots, $5.00 per 100.
Begonia—Vernon and Erfordii, 4-inch pots, $7.00 per 100.
Heliotropes—(Blue) 4-inch pots $6.00 per 100.
Hermosa and Hybrid Roses—4-inch pots, $10.00 per 100.
Hardy or English Ivies—4-inch pots, $10.00 per 100; 3-inch, $7.00 per 100; 2½-inch, $5.00 per 100.
Cobaea Scandens—4-inch, strong, $6.00 per 100.
Begonia—Tuberous rooted, 5½-inch pots, in bloom and bud, $2.50 per doz.
Pres. Carnot and other mixed varieties, very strong, 5½-inch pots, $2.00 per doz.
Fuchsias—5-inch pots, $1.50 per doz.
Hydrangea Otaksa—For out-door planting, 6-inch pots, $3.00 per doz.
Small plants, out of 2½-inch pots, $3.00 per doz.: Petunia (California Giant) and Inimitable Dwarf, Phlox Drummondii Giganteum, Verbeneas, Sweet Alyssum (Little Gem), Lobelias, Tradescantia, Pyrethrum (Golden Feather), Alternantheras, Dusty Miller, and Coleus Verschaffeltii, Golden Bedder and Firebrand.
☞ Watch "ad." for **Araucarias, Palms** and **Ficus** in about three weeks. Please send cash with orders. All goods travel at purchaser's risk. My best thanks to my customers for their liberal patronage at Easter.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Mention The Review when you write.

H. P. AND OTHER ROSES

from 4 and 5-inch pots, fine plants in full foliage, Crimson and Yellow Rambler, Clothilde Soupert, Couquette des Blanches, La Reine, Gen. Jacqueminot, etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots, at 18c; 1-year, from 3 inch, 9c. Clematis Paniculata, from 4 and 5-inch pots, 12c. Ampelopsis Veitchii, 4 and 5-inch, 10c. Perennial Phlox, fine named sorts, 4 and 5-inch, 15c.
PACKING FREE FOR CASH.
W. H. SALTER, ROCHESTER, N. Y.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Am. Beauties

PLANTS FROM 2-INCH

Price to clean out $40 per thousand. This is a cheap price but not cheap stock; it is first-class in every respect.

METEOR from 2½-inch pots, **STRICTLY FIRST-CLASS, $20** per thousand.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.
Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.
Mention The Review when you write.

Asparagus...

Plumosus Nanus true seed, per 100, $1.00; per 1000, $4.50.
Plumosus Nanus seedlings, per 100, $1.75.
Plants ready July 1, $2.50 per 100.
CASH OR C. O. D.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.
Mention The Review when you write.

Over $65,000 has been paid by the **FLORISTS' HAIL ASSOCIATION** for glass broken by hail. For particulars address **John G. Esler, Sec'y., Saddle River, N. J.**

Boston Ferns. Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000.
Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.
Mention The Review when you write.

ROSE PLANTS

	Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00
50,000 Brides, 2½-inch pots	3.00	25.00
25,000 Brides, 3½-inch pots	4.50	35.00
50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Bridesmaids, 3½-inch pots	4.50	35.00
10,000 Liberty, 2½-inch pots	5.00	40.00
5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

TWO-YEAR OLD PLANTS FROM BENCHES.

American Beauty.....$6.00 per 100; $50.00 per 1000. Brides, (Grafted Stock)....$6.00 per 100; $50.00 per 1000.
Bridesmaid, (Grafted Stock).....$6.00 per 100; $50.00 per 1000.

WRITE FOR SPECIAL DISCOUNTS ON LARGE LOTS.

The Benthey-Coatsworth Co., 35 Randolph Street, **Chicago**

MILWAUKEE.

Decoration day trade surpassed all previous records. Ninety per cent of the orders called for carnations almost exclusively and the supply was soon exhausted, when everything else in salable shape was cleaned up. There were plenty of roses, jasmines, lilies, peonies, valley and sweet peas to go around. Carnations were about the only shortage. Good prices were realized and even poor grades of flowers went at fair figures.

The demand for bedding plants was very heavy, but the season being unusually late this year much planting is still to be done.

In the midst of the rush the C. C. Pollworth Co. received a car load of palms from Belgium, which came through in excellent shape.

There was no pickled stock on the market, as most of the growers had heavy crops on and the cut was about the average.

PUEBLO, COLO.

One of the worst hail storms in the history of Pueblo visited the city on Friday, May 20, totally destroying every greenhouse in the city. G. Fleischer, the largest grower, had almost every light smashed, as reported in last week's Review, and his fine stock of pot plants, between 40,000 and 50,000, almost totally ruined, besides his carnations and roses, which are a complete loss. Mr. Fleischer had 18,000 feet of glass. J. O. Zimmerman, Mrs. Latshaw and McMurray & Wallace suffered in a similar way. Mrs. Baker and J. Thomas, vegetable growers, are just as bad off. At Fleischer's the hail measured seven inches in circumference. Big, twisted lumps of ice with blue centers came down like Japanese shot and in two minutes every light in the place was gone. Fleischer has the finest and most up-to-date place in this section.

Times have been very dull here this winter and when there was a little money in sight down comes the hail and everything is "N. G."

W. J. B.

Woodbridge, Fla.—Albert Buckwell reports that on a recent visit to Orlando he saw in bloom three male plants of Cycas revoluta. At Isaac Hopper's place he found quite a curiosity, a plant which he describes as having three blooms. The sago is hardy at Orlando and some of the plants have as many as 200 leaves.

ROSE PLANTS

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Am. Beauty	5.00	45.00
Bridesmaids	3.00	25.00
Brides	3.00	25.00
Perle	3.00	25.00
Golden Gate	3.00	25.00
Ivory	3.00	25.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

AMERICAN BEAUTY.

2-year-old plants from benches, $6.00 per 100; $40.00 per 1000.

GEORGE REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

Roses.

2500 Perle, very strong; 3000 Kaiserin; 4000 Cochet, pink and white; 5000 Hermosa; 2300 C. Soupert, 3-inch pots, $5.00 per 100; $45.00 per 1000.

50,000 CHRYSANTHEMUMS,

Golden Wedding, Maud Dean, Jerome Jones, Col. D. Appleton, Pacific, Robinson, Ivory, Bonnaffon (white and yellow), Polly Rose, $2.50 per 100; $20.00 per 1000.

J. D. BRENNEMAN,
HARRISBURG, PA.
Box 24.

ROSES

3000 Bridesmaid Roses

From 3½-inch and 4-inch pots.

Extra fine. For sale—**$4.50** per 100; **$40.00** per 1000.

E. T. GRAVE, RICHMOND, IND.
(WHOLESALE GROWER CARNATIONS and ROSES.)

Mention The Review when you write.

ROSE PLANTS

Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced; beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$6.00	$50.00
La France	4.00	35.00
Sunrise	5.00	40.00
Am. Beauty	6.00	50.00
Kaiserin	3.00	25.00
Liberty	5.00	40.00
Bride	3.00	25.00
Maid	3 00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00

2-YEAR-OLD PLANTS
From Benches

	Per 100	1000
American Beauty	$6 00	$50 00
Liberty	6.00	50.00
Maid	3 00	25.00
Bride	3.00	25.00
Perle	3.00	25.00
Ivory	3.00	25.00
Golden Gate	3.00	25.00
Kaiserin	3.00	25.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

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Always mention the Florists' Review when writing advertisers.

HEADQUARTERS FOR

GERANIUMS and MISCELLANEOUS GREENHOUSE PLANTS

2¼-inch stock in A No. 1 condition. Inspection invited. Come and see us or write us about what you want in our line and we promise to make prices interesting. At least send us a trial order and be convinced. Not less than 5 of any one variety sold. : : : : : : :

	Per doz.	Per 100
Alternanthera, yellow, $2.00 per 100; $17.50 per 1000.		
Abutilon, in variety	40c	2.00
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney and Dwarf White	40c	2.00
Asparagus Sprengeri, 2½-in	50c	3 50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Special prices on large lots. Our pamphlet containing description of over 125 varieties of Pompon Chrysanthemums, with cultural directions, and list of the best varieties for their several different uses, sent for the asking.		
Coleus, Crimson Verschaffeltii, Fire Brand, Golden Bedder, Queen Victoria, Beckwith Gem, Eldorado, Lord Palmerston, Mrs. Hunt, Mrs. Hayes, Sieboldi and Fire Crest per 1000, $15.00,	40c	2.00
Cuphea, cigar plant	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.00

GERANIUMS...

$2.00 per 100; $20 00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Beauty Poitevine, Centaure Comtesse de Harcourt, Double Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, Miss Frances Perkins, Miss Kendall, Mme. Barney, Mme. Canovera, Mme. Charrotte, Mme. Jaulin, Mme. Landry.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

All good, strong plants, 2¼ inch pots.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety per 1000, $15 00,	40c	2.00
Hardy English Ivy, rooted cuttings		.75
Lemon Verbena per 1000, $20 00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
MANETTIA BICOLOR	50c	3 00
Maranta Massangeana	75c	4 00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3 50
Smilax per 1000 $15.00,		2.00
Strobilanthes Dyerianus	50c	3.50
Swainsona Alba	40c	2.00
" Rosea	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" Uvaria, 2¼-inch pots	60c	3.50

See our Hardy Pompon Chrysanthemum adv. on page 619, issue of February 18. Notice our Vegetable Plant advertisement in this issue. Cash with order please. Write for prices on large lots for future delivery. Send for Trade Price List.

Vegetable Plants.

On Cabbage, Tomato and Celery we are prepared to make special price on large lots.

CABBAGE—Early and Charleston Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

TOMATOES—Earliana, 40c per 100 $2.00 per 1000. Stone, Paragon Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—White Plume and Golden Self Blanching, 25c per 100, $1.00 per 1000.

PEPPERS—Bull Nose, Ruby King, Sweet Mountain, 40c per 100, $2 00 per 1000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

CARNATIONS!

COTTAGE GARDEN WINNERS at the DETROIT EXHIBITION.

NOW READY.

$12 per 100; $100 per 1000.

ETHEL WARD: 1st Prize—Class A. Best Pink, Scott shade. As fragrant as Albertina; does not burst. As free as Harry Fenn.

JUDGE HINSDALE: 1st Prize—Class A Best Variegated. Grand 3½-inch flower on 30-inch stem. Beats all other variegated sorts.

THE PRESIDENT: 1st Prize—Class A. Best Crimson. Grand 3-inch bloom on 24 to 28-inch stem. Sells better than any other crimson. The best keeper and shipper of all the crimsons.

These flowers traveled 1000 miles and kept in good condition throughout the entire two days. For full particulars and description see our Adv. in Dec. 10 number of the Florists' Review. Send for our Carnation catalogue.

THE COTTAGE GARDENS CO., Inc.

C. W. WARD, Mgr. QUEENS, L. I.

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Geraniums

	Per 100.
10 varieties, 2½-in	$3.00
10 varieties, 3-in. pots	4.00
Alternantheras, red and yellow	2.00
Seedling Petunias	2.50

COLEUS

	Per 100.
10 varieties	$2.00
Vinca Variegata Vines, 2-in	2.50
Asp. Plumosus Nanus, seedling ready	1.75
" " plants July 1, 2-in. pts	2.50
Asparagus Sprengeri,	2.00

Asparagus Plumosus Nanus Seed, $1.00 per 100; $4.50 per 1000. Cash or C. O. D.

J. H. Cunningham, Delaware, O.

Mention The Review when you write.

ROSES FOR FORCING.

Nice healthy stock, selected from well grown plants. Sure to give good results.

	Per 100		Per 100
American Beauties	2½-in., $5.00	3-in.,	$8.00
Perles	2½-in., 3.00	3-in.,	6.00
Meteors			6.00
Maids, extra fine	2½-in., 3.00		

	Per 100		Per 100
Brides	2½-in., $3.00	3-in.,	$5.00
Golden Gates	2½-in., 3.00	3-in.,	5.00
Ivory	2½-in., 3.00	3-in.,	5.00

Special price on 1000.

BOSTON FERNS. 2½-in., $3.50 per 100; 3-in., $8.00; 5-in., $25.00 and 6-in., $40.00. Also some fine specimens in pans. Note the low prices on the smaller sizes. Vinca variegata, 2¼-in., $3.00 per 100

W. H. GULLETT & SONS..... LINCOLN, ILL.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

Coleus

Verschaffeltii
Golden Bedder
Firebrand

2½-inch pots....$2.50 per 100; $20.00 per 1000.
Rooted Cuttings, 75c " 6.00 "

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

True Stock. Thrifty and well grown plants.

Seedlings from flats, ready for potting on, $12 per 1000; 250 at 1000 rate; $1.50 per 100.
For 3-in. pots, $5 per 100; $40 per 1000, field-grown.
For 4½-in. " $8 " $70 " " "
Send the cash along and we will pay the freight.

YALAHA CONSERVATORIES,
YALAHA, —— Lake Co., —— FLORIDA.

Mention The Review when you write.

PETUNIAS.

Double fringed: six distinct varieties from 2½-inch pots, labled, $2.00 per 100; $18.00 per 1000.

Geraniums, Jean Viaud, Mrs. E. G. Hill, from 2½-in. pots, $2.00 per 100. CASH.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

HARDY ROSES AT WORLD'S FAIR.

There will be an exhibition of hardy roses at the St. Louis World's Fair, June 18 to 28. Entries must be in the hands of the superintendent not later than June 15. Following is the schedule:

General display of bedding and polyantha varieties; not less than five clusters of each variety.

General display of Bourbon, Bengal, Austrian and China roses; not less than five blooms of each variety.

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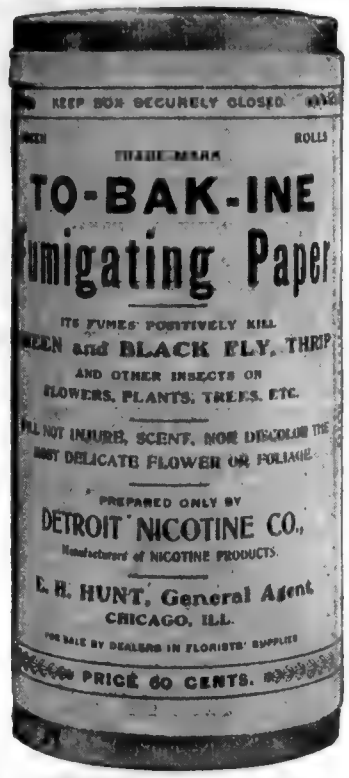
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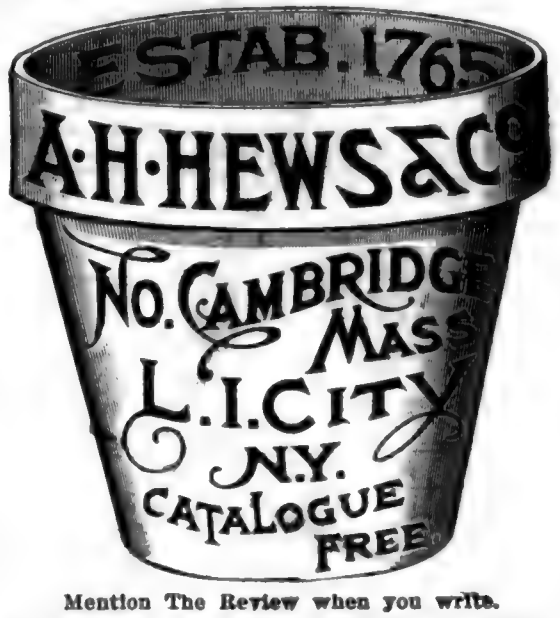
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Dracaena indivisa, 7-in. pots, excellent stock, $5.00 per doz.
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Dracaena indivisa, 2-in., strong, $2.25 100.
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Dracaena indivisa, 2½-in. pots, $2.50 per 100.
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Echeveria secunda glauca, grown on shelves, light, cool and airy, $3.00 100; express paid on orders of $5.00 and over.
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500 Echeveria secunda glauca, sturdy plants, 2½-in., $2.50 per 100.
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FERNS OUR SPECIALTY.
Good assortment of ferns for jardinieres from 2¼-in. pots at $3.00 per 100, $25.00 per 1000.
FERN SPORES.
Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
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Telephone Call 29-I. Short Hills, N. J.

PIERSON FERNS A SPECIALTY FOR LATE SPRING AND SUMMER DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
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Boston ferns, A1, pot-grown, 3-in., 8c each; 3½-in., 12½c; 4-in., 15c; 5-in., 25c; 6-in., 40c. Piersoni, new, 3½-in., 15c each; 6-in., 50c. Write for discount on 1000 lots.
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Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
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Pierson ferns, very true stock, strong rooted runners, $5.00 per 100; 2½-in., $8.00 per 100; 3-in., $10.00 per 100. Cash with order. Satisfaction guaranteed.
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Fern spores. Adiantum, aspidium, cyrtomium, Davallia, nephrolepis, pteris, sep. per trade pkt., 25c; 5 pkts., $1.00. Mixed, pkt., 25c; 5 pkts., $1.00.
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500 3-inch Bostons at $6.00 100; 500 4-inch at $10.00 100 cash; pot bound, a solid mass of roots, plenty of runners on each size.
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Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up.
John Bader, Troy Hill, Allegheny, Pa.

Piersoni, 3½-in., 10c; $100.00 per 1000, 5-in., 25c; $25.00 per 100, 6-in., 35c., $35.00 per 100. Cash with order, please.
H. H. Barrows & Son, Whitman, Mass.

Boston ferns, 2½-in., $3.50 100; 3-in., $8.00; 5-in., $25.00; 6-in., $40.00. Also some fine specimens in pans.
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Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
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Boston ferns, 4, 5 and 6-in. pots, $15.00, $25.00 and $35.00 per 100.
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3000 Adiantum farleyense stumps, $8.00 100. Cash with order.
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We are headquarters for Boston and Pierson ferns. All sizes. Geo. A. Kuhl, Pekin, Ill.

Fine Boston ferns, 2½-inch, $3.00 100; $25.00 1000. National Plant Co., Dayton, O.

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Boston ferns, 8-in. pans, A1 stock, 75c each.
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Piersoni, 2½-inch, 75c doz.; $5.00 100.
CONARD & JONES CO., West Grove, Pa.

Boston ferns, 2½-in. pots, $4.00 100.
Converse Greenhouses, Webster, Mass.

Boston ferns, 2½-in., $2.50 per 100.
The Fairview Floral Co., Beatty, Ohio.

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Feverfew Little Gem, 2½-in. pots, $2.00 100.
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Feverfew, 2½-in., $2.25 100.
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Forget-me-nots, strong plants, 2½-in., $1.50 100. L. W. Franks, Montpelier, Ohio.

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Fuchsias. Little Beauty, Elm City, Black Prince, Avalanche, 4-in. pots in bloom, to clean up, 6c. J. A. Keaney, Monongahela, Pa.

200 fuchsias, Elm City and Dbl. White, from bushy plants, 4-in., in bud, $3.00 100.
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Fuchsias, good sorts out of 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Fuchsias, 4 varieties, 2½-in., some in bloom, $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Fuchsias, in variety, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Fuchsia Little Beauty, 3-in., $5.00 100.
Carl Hagenburger, West Mentor, Ohio.

Fuchsias, 3-in., a good mixture, $4.00 100.
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Fuchsias, 5-in. pots, $1.50 doz.
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Variegated funkia, the prettiest and handsomest of them all, $8.00 100. Cash.
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Nice 2½-inch plants, ready for a shift, 75c doz.; $5.00 100.
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Geraniums, $2.00 per 100, $20.00 per 1000. 1000 and over, our selection of 10 var., $17.50 per 1000. All good strong plants, 2¼-in. pots.
Double—Beauty Poitevine, Centaur, Comtesse de Harcourt, Gen. Grant, Gen. de Boisdeffre, Gloire de France, Jean Viaud, John Doyle, Miss F. Perkins, Miss Kendall, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry.
Singles—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Gen. Grant, Wm. Ewing.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, leading var., mixed, 2 and 3-in. stock, $2.25 and $5.00 100. Sallerol, 2-in., $2.00 100. Ivy geraniums, mixed, 2 and 3-in. pots, $2.00 and $4.00 100.
Converse Greenhouses, Webster, Mass.

Geraniums S. A. Nutt, 4-in., 3½-in., 3-in. and 2½-in.; Pasteur, 4-in., 3½-in., 3-in. and 2½-in.; Le Soleil, 4-in. and 3½-in.; Trego, 4-in., 3½-in., 3-in. and 2½-in.; La Favorite, 4-in.; Jean Viaud, 4-in.; E. G. Hill, 4-in., 3½-in., 3-in. and 2½-in. Price: 4-in., $8.00 per 100; 3½-in., $6.50; 3-in., $5.00; 2½-in., $3.00.
Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

Geraniums, 4-in. Extra fine lot of S. A. Nutt, $8.00 per 100; 3-in., nice bushy plants large enough for any planting, $5.00 per 100. E. G. Hill, fine plants, 4-in., $8.00 per 100; extra strong 3½-in., $6.50 per 100. Atkinson, one of the best single reds, 4-in., $7.00 per 100.
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Geraniums Nutt, Doyle, Ricard, Perfection and Barney, September-struck stock out of 4-in. pots, strictly first-class in every way. We want to move 3000 quickly at $5.00 a hundred. Some 3-in. at $3.00 a 100; 2-in. at $2.00 a 100. Cash with order.
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Geraniums. 400 Mrs. E. G. Hill, 300 Bruant, 100 La Favorite, 2¼-in., potbound, $2.00 per 100. Hill, Ricard, Poitevine, Bruant, Katie Schultz, La Favorite and Dryden, 4-in., stock fine, $6.00 per 100, without pots.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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1000 geraniums in 3-in. pots; good plants, in bud and bloom, of Grant, Perkins, Lafayette, Favorite, Souv. Effiel, Ricard, Hill, $4.00 per 100, $35.00 for the lot.
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Geraniums. Heteranthe, 2½-in., $1.50 100; 3-in., $3.00 100; 4-in., in bud, $5.00 100. S. A. Nutt, 2½-in., $1.50 100; 3-in., $3.00 100. Cash with order. S. W. Carey, Jr., Urbana, Ohio.

Geraniums, 2½-in. pots. Poitevine, Viaud, La Favorite, Heteranthe, Nutt, $2.00 per 100. Ivy geraniums, Chas. Turner, Jean d'Arc, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Geraniums. A. H. Trego, best scarlet, 2½ and 4-in. pots, $5.00 and $10.00 per 100. S. A. Nutt, large blooming, 4-in., $8.00 per 100.
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Ivy geraniums, mixed, extra strong in bud and bloom, 2-in., $3.00 per 100; 3-in., $7.00 per 100; 4-in., $10.00 per 100.
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Geraniums, Mme. Thibaut, dbl. pink; La Favorite, dbl. white; S. A. Nutt, dbl. crimson, out of 4-in. pots, $7.00 100.
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Geraniums Double Grant, Nutt, Poitevine, strong 4-in., $4.00 per 100. Mme. Salleroi, 2-in., $1.75; 3-in., $2.50 per 100.
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Geraniums, 8000 S. A. Nutt, in bud, 3-in. pots, $4.00 100; $35.00 1000. Cash with order.
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Geraniums, 4-in., $8.00 100; 2½-in., $4.00 100. Ricard, Nutt, Hill, Viaud, etc., about 15 varieties. W. J. & M. S. Vesey, Ft. Wayne, Ind.

Geraniums. S. A. Nutt and varieties, extra fine stock, 4-in., $7.00; 3-in., $5.00 per 100.
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Bismarck, 3½-in., 4c; 2½-in., 2½c. Rose scented, 2½-in., 2c. Cash.
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Geraniums S. A. Nutt, vigorous plants from 2¼-in. pots, $2.25 per 100.
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Gladioli, mixed varieties, at $8.00 per 1000. Central Michigan Nursery, Kalamazoo, Mich.

Our gladiolus bulbs are good. Try them.
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GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it," therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue free.
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Hanging baskets. These baskets are filled with Boston ferns and Asparagus Sprengeri, which were planted on January 1 and are now a mass of fronds. Prices:

9 inches in diameter	$0.75	each
12 " " "	1.25	"
18 " " "	2.25	"

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SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa, Anemone Pennsylvania; Boltonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus giganteus, H. mollis, H. decapetalus; Heliopsis Pitcheriana, H. scabra; Hemerocallis Thunbergii, H. Dumortierii; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.
Not less than 10 of one variety and no order received for less than $1.00 at these prices.
Orders will be filled liberally if sent soon. Cash with order.
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1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
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Hollyhock New Allegheny, ever blooming, fine plants, $1.20 per 100; $10.00 per 1000. Express prepaid. Cash.
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Hall's Japan, field-grown, strong, $4.00 per 100. Cash. Benj. Connell, West Grove, Pa.

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Hydrangea Otaksa, for outdoor planting, 6-in. pots, $3.00 doz.
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Hydrangea Otaksa, good plants from $3.00 to $9.00 per doz.
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Hardy English ivy, 2¼-in., 40c doz., $2.00 100. $15.00 1000; rooted cuttings, 75c 100.
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Ivy, German and English, 2-in., $1.75; rooted cuttings, 50c 100. Cash or C. O. D.
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Hardy or English ivy, 4-in. pots, $10.00 100; 3-in., $7.00 100; 2½-in., $5.00 100.
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From 2¼-inch pots, German, $1.50 100; English, $3.00 100. Cash.
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Ivy. Hardy English, very strong 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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Lobelias, grown from cuttings, extra select stock, 4-in. pots, just coming into bloom, $8.00 per 100; 3½-in. pots, fine, $6.00 per 100; 2½-in., nice plants, $3.00 100.
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Lobelias (from cuttings), 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

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Manettia bicolor, 2¼-in., 50c doz., $3.00 100.
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Maranta Messangeana, 2¼-in., 75c doz., $4.00 100.
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Large palms suitable for lawn or porch decoration.	Feet.	Each.
15 Kentia Belmoreana	4 to 5	$2.50
15 " "	3 to 4	2.00
12 Phoenix	4	2.00
4 Latania	4	3.00
6 Areca	4	1.50

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	100
300 Kentia Forsteriana, 3-in. pots	$12.00
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Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00; 6-in., $15.00 per doz.; from 7-in. and upward, at $1.75 to $35.00 each.
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Kentias, Forsteriana and Belmoreana, extra heavy, cool-grown stock, from 3-inch, $15.00 100; from 4-inch, $25.00 100.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Palms and other decorative plants.
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Petunias, dbl. fringed, 6 distinct var. from 2½-in. pots, labeled, $2.00 100, $18.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Dbl.-fringed petunias, good varieties in bud and bloom, $2.50 per 100; $20.00 per 1000. 250 at 1000 rate. Krueger Bros., Toledo, O.

Double petunias, 3 and 4-in. pots, $5.00 per 100. Cash.
John R. Hellenthal, Columbus, Ohio.

Double petunias, finest mixed, 2½-in., $2.50 100. J. C. Schmidt Co., Bristol, Pa.

Double white petunias, 2½-in., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Philadelphia.

Petunias, 2½-in., fine plants, $2.50 100.
Converse Greenhouses, Webster, Mass.

Seedling petunias, $2.50 100.
Jos. H. Cunningham, Delaware, O.

POINSETTIAS.

Poinsettias, strong, dormant plants from bench, $10.00 per 100.
Thorn Hedge Greenhouses, Newtown Square, Pa.

PRIMULAS.

Improved Chinese primroses, from finest seed, $2.00 per 100; July delivery.
John F. Rupp, Shiremanstown, Pa.

PRIVET.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Eisele, Box 100, West End, N. J.

Ligustrum Ibota hardy Japan privet, 4 to 5 ft., $10.00 per 100, $80.00 per 1000.
Samuel C. Moon, Morrisville, Pa.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendron maximum, absolutely hardy, well-rooted layers and young plants for nursery, 10 to 24 inches high, at $10.00 per 100. Strong plants and specimens, from 20 to 48 inches high, at 50c to $2.00 each. No charge for packing, etc.
A. E. Wohlert, 6222 Broad St., Pittsburg, Pa

ROSES.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100	1000		100	1000
Mme. C'nay.	$6.00	$50.00	Maid	$3.00	$25.00
Sunrise	5.00	40.00	Bride	3.00	25.00
Kaiserin	3.00	25.00	Perle	3.00	25.00
Liberty	5.00	40.00	G'den Gate	3.00	25.00
Ivory	3.00	25.00	La France.	4.00	35.00
Am. Beauty.	6.00	50.00			

2-year-old plants from benches.

	100	1000		100	1000
Am. Beauty.	$6.00	$50.00	Ivory	$3.00	$25.00
Maid	3.00	25.00	G'den Gate	3.00	25.00
Bride	3.00	25.00	Kaiserin	3.00	25.00
Perle	3.00	25.00	Liberty	6.00	50.00

All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Rose plants.

		100	1000
American Beauty,	2½-in. pots	$5.50	$45.00
American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Fine plants from 2½-inch pots, for field planting, $3.50 100; $30.00 1000. Cash. Following varieties:
Anne de Diesbach, Baron Bonstettin, Blanche Moreau, Coquette des Blanches, Cl. Jules Margottin, Victor Verdier, Crimson Rambler, Pink Rambler, White Rambler, Yellow Rambler, Bride, Clothilde Soupert, Hermosa, General Jacqueminot, John Keynes, John Hopper, La France, Louis Van Houtte, Dawson, Gardenia, Dorothy Perkins, Maman Cochet, Meteor, Perle, Magna Charta, Mrs. John Laing, Mme. Gabriel Luizet, Paul Neyron, P. C. de Rohan.
W. & T. Smith Co., Geneva, N. Y.

SURPLUS ROSES—Lamarque, White Maman Cochet, Clo. Soupert, Mrs. Robt. Peary, Boq. of Gold, Duchess de Brabant, Helen Gould, Mosella, Ivory, Striped La France, Reine Marie Henrietta, The Bride, Princesse de Sagan, Bridesmaid, Mrs. Lovett, Catherine Mermet, Frances E. Willard, Bessie Brown, Chromatella, Hermosa, Etoile de Lyon, Climbing Clothilde Soupert, Yellow Rambler, White Rambler, Pink Rambler, Papa Gontier and Golden Gate, nice plants from 2-in. pots, $2.00 per 100. Ball of Snow, 2½c; Sunrise, 3c.
The Fairview Floral Co., Beatty, Ohio.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty	5.00	45.00
Liberty	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
American Beauty, 2-yr.-old plants from bench, $5.00 100, $40.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
3-in. $6.00 per 100; $55.00 per 1000
4-in. 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

Roses. Fine stock of Beauties, La France, Golden Gates, Ivories, Perles, etc., in 2x3 and 3x3-in. pots. Also Meteors, Brides, Maids, Ivories, Gates, Perles, La France, Kaiserins, Wootton, Siebrecht, Carnot, Beauties and Liberties in 2x2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Dorothy Perkins and Farquhar, the two new Rambler roses, which are equally as good as Crimson Ramblers, except in color, which is a soft pink. I have fine young stock to offer, from 2½-in. pots, in excellent condition, at $10.00 per 100. Order at once before we plant them out. Cash with order, please.
A. Schultheis, College Point, N. Y.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $60.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

	100 2½-in.	100 3-in.		100 2½-in.	100 3-in.
Beauties	$5.00	$8.00	Maids	$3.00	
Perles	3.00	6.00	Brides	3.00	$5.00
Meteors		6.00	GoldenGates	3.00	5.00
Ivory	3.00	5.00	Special price on 1000.		

W. H. Gullett & Sons, Lincoln, Ill.

Roses. Strictly No. 1 stock. Maids, Brides, Gates, 2½-in., $25.00 1000; 3½-in., $50.00 1000. Beauties, 2½-in., $6.00 100, $50.00 1000.
Old Beauties, from bench, $6.00 100. Old Teas, from bench, $4.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100, $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses. 2500 Perles, very strong; 3000 Kaiserins; 4000 Cochets, pink and white; 5000 Hermosas; 2500 C. Souperts, 3-in., $5.00 100; $45.00 1000.
J. D. Brennemann, Box 24, Harrisburg, Pa.

H. P. roses, fine 2-yr., field grown plants, Gen. Jacqueminot, La France, etc., leading sorts, 12c. Crimson Rambler, 2-yr., strong, 12c. C. Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid rose plants, from 2½-in. pots, $3.50 per 100, $30.00 per 1000; from carefully selected wood, worth the price.
L. B. Coddington, Murray Hill, N. J.

Roses, 2-in. pots, $3.00 per 100. Gen. Jacqueminot, Camille de Rohan, Vick's Caprice, Hermosa, Capt. Christy, Coquette des Blanches.
C. M. Niuffer, Springfield, Ohio.

Surplus stock—Grafted—Maids, Cusins, $12.00 per 100. Own roots—Perles, Cusin, 3-in., $8.00 per 100; Bon Silene, 2½-in., $6.00 per 100.
John Breitmeyer's Sons, Detroit, Mich.

Hermosa and hybrid roses, 4-in. pots, $10.00 100. Pres. Carnot and other mixed var., very strong, 5½-in. pots, $2.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

American Beauties, 2-in., to close out, $40.00 per 1000. Meteors, 2½-in., $20.00 per 1000. All strictly first-class.
J. A. Budlong, 37 Randolph St., Chicago.

LA FRANCE roses, choice stock, 2½-in., $3.00 per 100. KAISERINS, choice stock, 3-in., $5.00 per 100.
HONAKER, The Florist, Lexington, Ky.

The grand, new pink rose LA DETROIT, now in 3-in. ready for planting, $25.00 per 100; $200.00 per 1000.
John Breitmeyer's Sons, Detroit, Mich.

H. P. and other roses from 4 and 5-in. pots, Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La Reine, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

Queen of Edgely, 2½-inch, $6.00 100; $55.00 1000; 3-inch, $8.00 100; $75.00 1000. Old stock, $6.00 100. Geo. Harrer, Morton Grove, Ill.

AMERICAN BEAUTIES. A nice lot from 2½-in. pots, $6.00 per 100, or $50.00 per 1000.
Emil Buettner, Park Ridge, Ill.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Brides, Bridesmaids, Golden Gates, Ivory and Meteors, 2½ and 3-in., $3.50 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Roses. Bridesmaid roses from 3½ and 4-in. pots, extra fine, $4.50 100; $40.00 per 1000.
E. T. Grave, Richmond, Ind.

Hillside Liberties, strong, healthy plants, 2½-inch, $60.00 1000; 3-inch, $80.00 1000. Cash.
E. Towill, Roslyn, Pa.

BEAUTIES, 2¼-in., 3-in. and 4-in. stock, IVORY, 3-in. Write for special prices.
J. F. Wilcox, Council Bluffs, Iowa.

Brides and Maids, 3-inch, strong, $4.00 100. Cash. R. I. Hart, Hackettstown, N. J.

Roses. Brides, Maids, large bushy plants, 2½ and 3-in., $3.00 and $4.00 100.
H. Bornhoeft, Tipton, Ind.

Roses. Kaiserin and Perle, 2½-in., $3.00 100. Brides and Maids, 2½-in., $2.50 100.
J. C. Murray, Peoria, Ill.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvia Lord Fauntleroy, the only real dwarf salvia; does not grow higher than 18 to 20 inches, early flowering. The best novelty Thorburn has brought out in years; nice plants in bud and bloom, bushy, 3½-in., $12.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Salvias, strong, 2¼ to 3-inch pots, $2.00 to $3.00 100; $17.50 to $25.00 1000.
J. S. Bloom, Riegelsville, Pa.

Salvia Bonfire, strong plants, 2-in., $2.00 100, 300 for $5.00. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

Salvia Bonfire from thumbs, $1.25 per 100. Cash with order.
The Kaber Co., La Porte, Ind.

Salvias splendens and Bonfire, strong 3-in., $2.50 per 100.
Wm. S. Herzog, Morris Plains, N. J.

Salvia splendens, 2½-in., $2.00 per 100; 3-in., $3.00 per 100. Krueger Bros., Toledo, Ohio.

Salvia splendens, 4-in. pots, bushy, at 5c.
J. A. Keeney, Monongahela, Pa.

Salvia Triumph, 2½-in., $3.00 per 100.
William Clark, Batavia, Ill.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

	100	1000	5000
Asparagus plumosus nanus..	.50	4.00	18.00
Asparagus Sprengeri	.20	1.00	4.00

Dracaena indivisa, oz., 25c; lb., $2.00. D. australis, oz., 40c; lb., $4.00 Smilax seed, oz., 20c; lb., $1.75.

Primrose, Chinese	100	500	1000
Alba magnifica, white.....	25c	$1.00	$1.75
Kermesina, crimson	25c	1.00	1.75
Delicata, beautiful rose.....	25c	1.00	1.75
Coccinea, scarlet	25c	1.00	1.75
Sanguinea, blood red.....	25c	1.00	1.75
Holborn, blue	30c	1.25	2.00
All colors mixed.....	20c	.85	1.50

Primula Forbesi (Baby primrose), pkt., 25c; trade pkt., 50c. Primula obconica, giant flow., fringed, rosea, alba, pkt., 25c; trade pkt., 50c. All colors mixed, pkt., 20c; trade pkt., 40c. Cineraria stellata hyb., blue, lilac, lavender, white, pkt., 100 seeds, 10c; 500, 40c. Cineraria hyb. grand. maximum, pkt., 500 seeds 25c; 5 pkts., $1.00; dwarf, pkt., 500 seeds, 25c; 5 pkts., $1.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

SEASONABLE SEEDS for present sowing. Quality second to none. Calceolaria, cineraria and primula seed, 50c trade pkt. Send for trade list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Orders booked now for seed of Burbank's Ever-Bearing Crimson Winter Rhubarb for autumn delivery. Send for circular and catalogue. Theodosia B. Shepherd Co., Ventura, Cal.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
Drake Point Greenhouses, Yalaha, Florida.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Fresh Phoenix canariensis seed, $1.75 per 1000. Fresh Chamaerops excelsa seed, $1.75 per 1000.
J. W. Ross, E. Colo. St., Pasadena, Cal.

Van Namen's Excelsior Holland cabbage seed, pkt., 25c; ¼ lb., 75c; 1 lb., $2.00.
C. H. Joosten, 201 West St., N. Y.

Asparagus plumosus nanus seed, $4.00 per 1000; 40c per 100. Cash, please.
Albert Buckwell, Woodbridge, Pa.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $1.00 100; $4.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

Giant pansy seed, choice mixed, per trade packet, $1.00. Beaulieu, Woodhaven, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Smilax seedlings, 25c per 100 by mail; $1.50 per 1000 by express. Cash.
Byer Bros., Chambersburg, Pa.

Smilax, strong, well-rooted plants from 2-in. pots, $2.00 per 100.
S. S. Brenneman, Webb City, Mo.

Smilax, 2,400 well-grown stock, 3-in., $20.00 per 1000. Cash.
J. Van Lindley Nursery Co., Pomona, N. C.

Extra fine smilax ready to make vines, $2.00 per 100. Cash.
East Side Floral Co., Champaign, Ill.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

2-in. smilax, $1.20 100, $10.00 1000.
F. Griswold, Worthington, Ohio.

Smilax plants, 2¼-inch, $2.00 100.
J. S. Bloom, Riegelsville, Pa.

SURPLUS STOCK.

See our display adv. in issue of May 26 for SPECIAL OFFER on surplus stock. There is money in it for you.
Iowa Seed Co., Des Moines, Iowa.

VEGETABLE PLANTS.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.

RED NANSEMOND OR RED JERSEY, $1.50 per 1000.

EARLY RED, HAYMAN SPANISH, PIERSON, VINELAND BUSH, WHITE BUSH and NANCY HALL, 30c per 100; by mail.

TOMATO PLANTS—Thrifty and stocky field-grown Stone plants, $1.00 per 1000; $7.50 per 10,000.

A large stock of stout, healthy plants now ready. Cash with order.
H. AUSTIN, Felton, Del.

CABBAGE—Early and Charleston, Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

TOMATO—Earliana, 40c per 100; $2.00 per 1000. Stone, Paragon, Favorite, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—White Plume and Golden Self-blanching, 25c per 100; $1.00 per 1000.

PEPPER—Bull Nose, Ruby King, Sweet Mountain, 40c per 100; $2.00 per 1000.

PARSLEY—Moss Curled, 25c per 100; $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

On cabbage, tomatoes and celery, we are prepared to make special price on large lots.
Cash with order.

See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. Cabbage—Early Summer, Charleston or Wakefield, transplanted, strong, $2.40 per 1000; 30c per 100. Danish Ballhead and Bridgeport Drumhead, field-grown, $1.00 per 1000; $8.50 per 10,000.

Cauliflower—Transplanted, $5.00 per 1000; 60c per 100.

Celery—Transplanted White Plume, $3.00 per 1000. Field-grown White Plume and Giant Pascal, $1.00 per 1000; $8.50 per 10,000.

Egg plants, 2-in. pots, $2.00; 3-in. pots, $4.00 per 100.

Peppers—Transplanted, $3.50 per 1000; seedlings, $1.50 per 1000.

Tomatoes—Dwarf Champion, Acme and Early Market, $1.50 per 1000; transplanted, $2.50 per 1000. Cash with order.
L. Mosbaek, So. Chicago, Ill.

TOMATO—Plants, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.
Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

Tomatoes, 40c per 100: Perfection, Stone, Dwf. Champion, Yellow Plum. Kohlrabi, 35c 100. Cabbage, 30c 100: Early, Late and Red Rock.
H. F. Janssen, 109 N. State, Springfield, Ill.

Cabbage plants—Succession, Danish Ballhead (true seeds).
Tomatoes—Ponderosa, Beauty, Dwarf Champion.
Celery—Golden Self Blanching, White Plume, Giant Pascal. All the above, $1.25 1000; 20c 100. Express prepaid in U. S. Cash.
Des Moines Plant Co., 38th St., Des Moines, Ia.

200,000 tomato and cabbage plants ready to ship by May 25. Price, 15c per 100, $1.00 per 1000. Guaranteed A No. 1 stock. Cash, please.
S. J. McMichael, 142 Larkins St., Findlay, O.

Cabbage—Early Jersey Wakefield and Original Surehead, fine, stocky, COOL-GROWN plants, 50c 100; $2.95 1000. Cash.
Ray H. Palmer, Randolph, N. Y.

Lettuce plants, $1.25 per 1000. Tomato plants transplanted, leading varieties, 50c per 100; $4.00 per 1000. Samples free.
H. Bornhoeft, Tipton, Ind.

Transplanted celery plants, Giant Pascal, White Plume, 50c per 100, $4.00 per 1000.
T. C. Breece, West Berlin, Ohio.

Tomatoes. All leading varieties; transplanted stock, $1.00 100, $8.00 1000.
Converse Greenhouses, Webster, Mass.

Cabbage plants E. J. Wakefield, strong transplanted stock, $2.50 per 100.
F. Griswold, Worthington, Ohio.

Celery plants, strong and stocky, at $1.25 per 1000 here. Cash with order. No checks.
Peter J. Schuur, Kalamazoo, Mich.

Egg plants, 2¼-in. pots, $2.00 100; $15.00 1000. J. S. Bloom, Riegelsville, Pa.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100. $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbenas, 2½-in., in bud and bloom, 2c.
J. A. Keeney, Monongahela, Pa.

Verbenas, 2½-in., mixed, $2.25 100. Cash.
Converse Greenhouses, Webster, Mass.

VINCAS.

5000 Vinca variegated and green. Extra fine plants in 4, 4½ and 5-in. pots, at $12.50, $15.00, $18.00 and $20.00 per 100.
F. Beu, 2780 No. 40th St., Chicago.

Vinca variegata, good trailers, 4-in., 5-in. $1.50 and $2.00 per doz. Terms cash except approved credit.
E. & C. Woodman, Danvers, Mass.

300 green vincas, 4-in., strong, $8.00 100. 100 variegated vincas, 4-in., strong, $10.00 100. Cash. J. A. Bissinger, Lansing, Mich.

Vinca major variegata, extra strong plants from 3-in. pots, $5.00 per 100. Cash with order.
Livingston Seed Co., Columbus, O.

1500 Vinca var. major, strong plants, 4-in., $7.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Vinca variegata, heavy plants from 4-inch, long vines, $8.00 100.
B. Frank Barr, Lancaster, Pa.

Vinca variegata, 2-in. pots, $2.00 per 100; $15.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Vinca variegata, 4-in. pots, extra heavy, $10.00 100.
Converse Greenhouses, Webster, Mass.

Vinca major variegata, 2½-in., $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Vinca variegata, 2¼-inch, $3.00 100. Cash.
R. I. Hart, Hackettstown, N. J.

Vinca var. vines, 2-in., $2.50 100. Cash.
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VINCAS—Continued.

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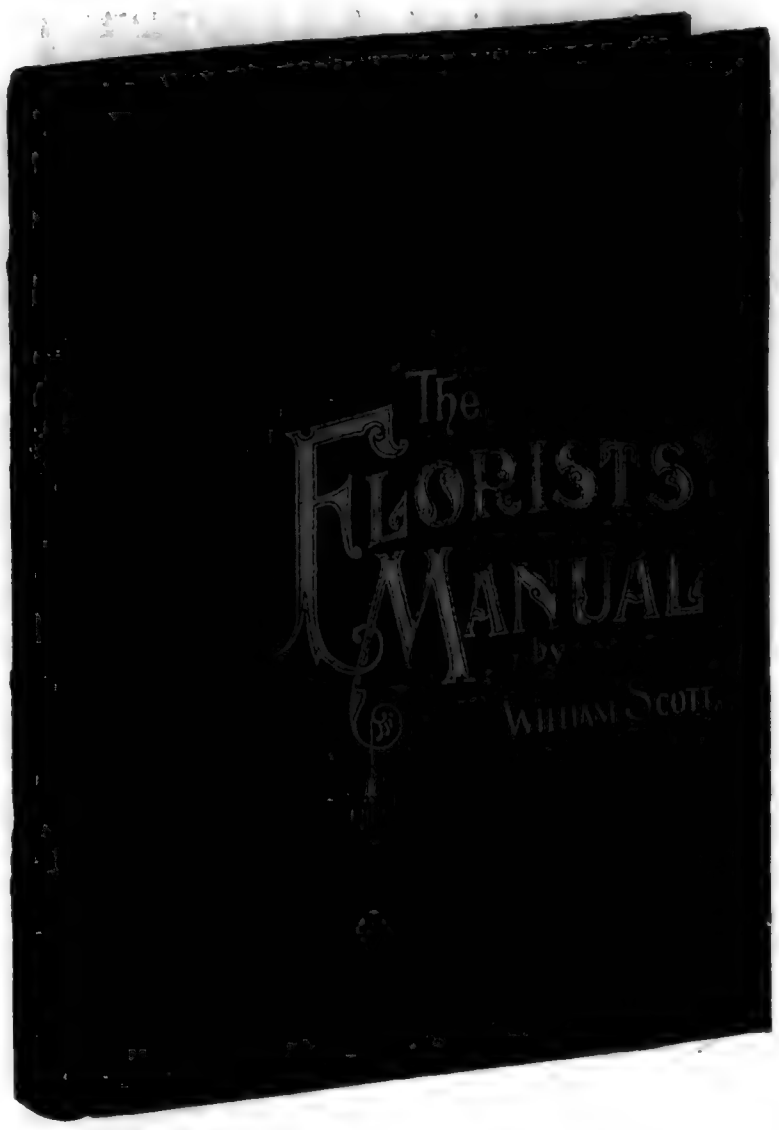
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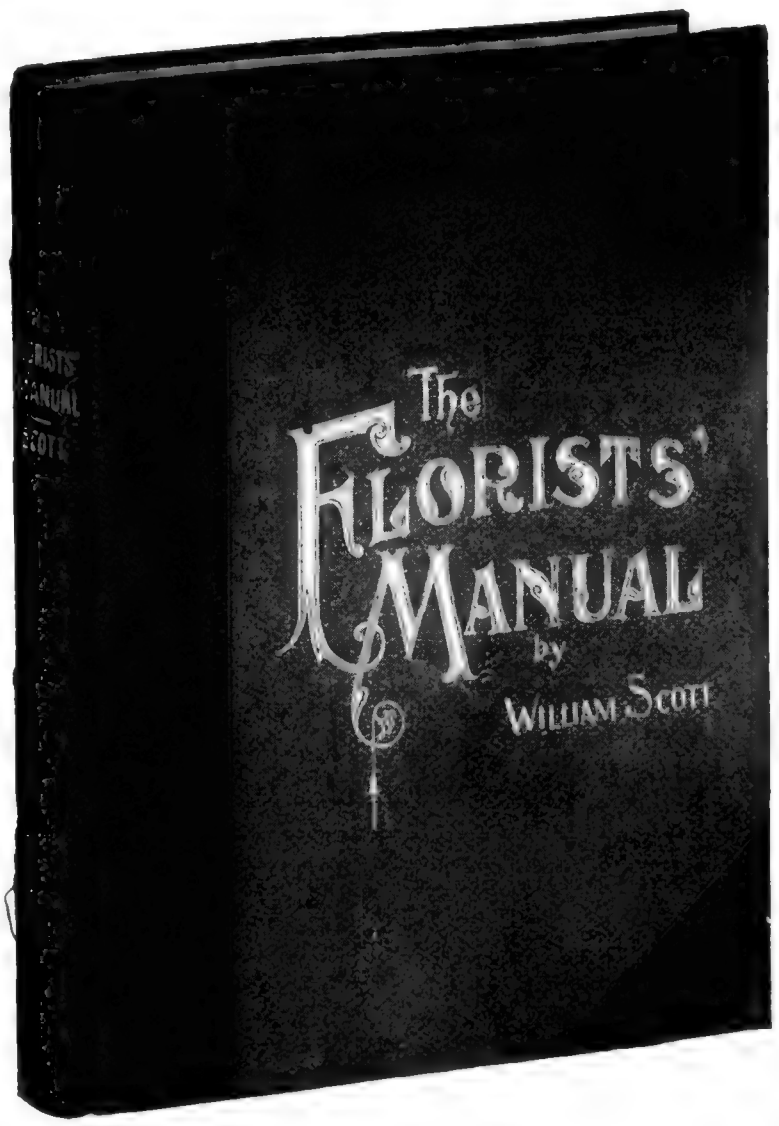
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Denver seems to have struck a prosperous streak. Heretofore the year for presidential election has invariably been a poor one for the florists, but this spring the people are spending their money more freely for luxuries and spring trade has had a very significant increase over previous years. Although stock has not been up to the standard, the demand for exterior house decorations in the line of porch and window boxes has increased and some of the florists are catering to that line of the trade with all the force they possess.

Memorial day business has been very good and everything available outside as well as indoors has been utilized for wreath and bunch work. The general public is getting to use flowers more extensively on this occasion and the florists are kept guessing as to what they can fill orders with. Many of the perennials and shrubs have proven quite a help in this line of work, particularly peonies, iris, snowballs and bridal wreath spiræa. Mountain-towns at an elevation of over 7,000 feet have little if any outdoor flowers and Denver is drawn on heavily for anything and everything in the floral line.

Public improvements in the city parks are going on extensively and Superintendent Graham is looking forward to continuous improvements under the new municipal administration.

Albert Mauff, who is one of the youngsters of the profession out here and who has grown up from childhood in our midst, has been honored with a seat in the City Council and the fraternity to which he belongs are expecting from him a forcible representation of the profession in public affairs pertaining to floriculture. GREAT DIVIDE.

YOUNGSTOWN, O.—The order for the plants for the city bedding was divided between Walker & McLean, Gus Geng and Mansfield Milton.

LORDSTOWN, O.—George Richardson, the water lily specialist, will have a large display at the St. Louis World's Fair. He was in charge of the aquatics at the Chicago exposition eleven years ago.

CLEVELAND, O.—Parties interested in the re-organization of the Grant-Wilson Floral Co., which has been in the hands of a receiver for some months are acquiring claims at 50 cents on the dollar, through Attorney C. W. Fuller.

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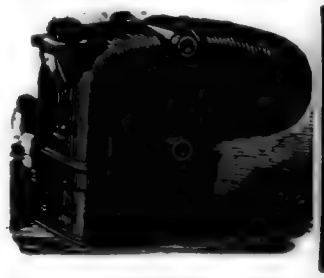
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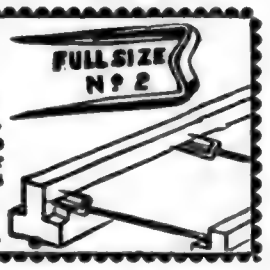
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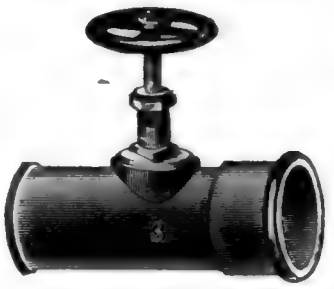
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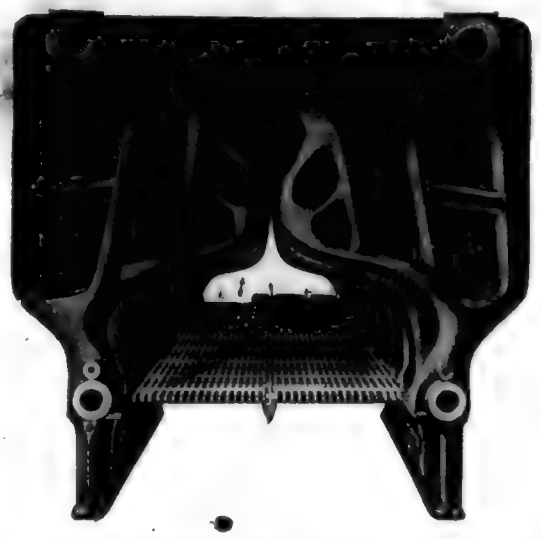
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Thaden, H. & Co 99
Thorburn, J. M. & Co. 71
Totty, C. H 86
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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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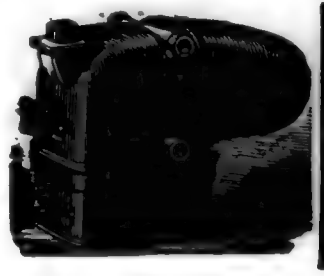
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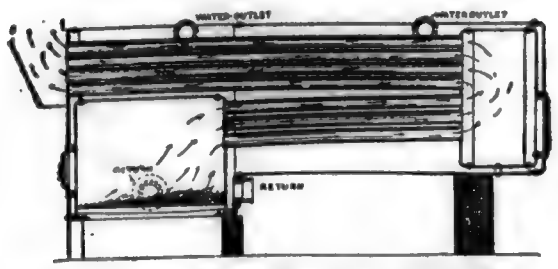
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"Superior to any Hot Water Boiler we have ever used. You certainly have placed the right name to your Boilers, no effort at all to keep the temperature at desired points when zero weather comes. Night after night the past severe winter weather gave your Boiler a good test. We are more than pleased with the Superior Boiler." Yours truly, Treanor & Rettic.

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"THE MODEL" GLAZING TACK.

Especially adapted for greenhouses.

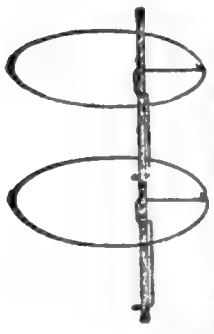
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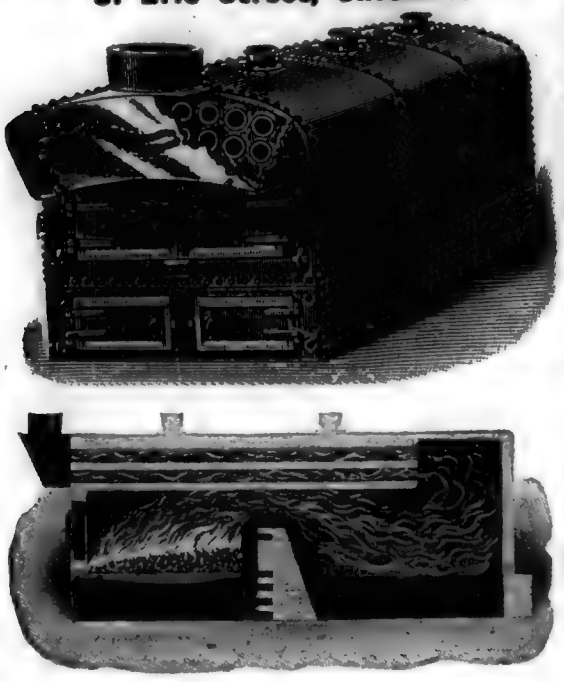
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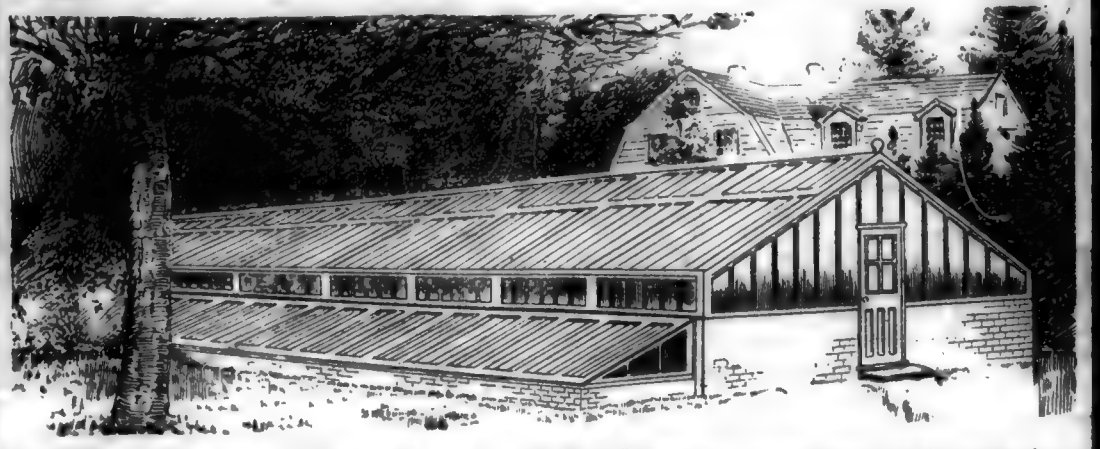
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Flat Rafter Iron-Framed and Red Gulf Cypress Greenhouses.
Ventilating Apparatus, Hotbed Sash and Frames, Benches, Putty.
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, JUNE 9, 1904. No. 341.

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WINNER of the **LAWSON GOLD MEDAL**

The finest Carnation ever introduced.

$12 per 100; $100 per 1000.

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Asparagus Plumosus Nanus Seed

100 seeds, 75c; 1000 seeds, $5.00; 5000 seeds, $22.50

Orders taken for FIANCEE,

(The Lawson Gold Medal Winner.)

$12.00 a 100 or $100.00 a 1000.

Send in your orders now, as first received, first served.

WM. F. KASTING,

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PEONIES FOR JUNE WEDDINGS, $3.00 TO $4.00 PER 100.

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To give satisfaction is our motto. Send us your orders and get them filled at right prices.

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YOUNG STOCK. READY NOW.

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FOR PRESENT SOWING. QUALITY SECOND TO NONE.

CALCEOLARIA—From large, spotted and handsomely blotched flowers.

C. HYBRIDA grandiflora.....trade pkt., 50c

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BEST IMPORTED CYCAS LEAVES.
OUR UNEXCELLED WHEAT SHEAVES.
HIGH CLASS RIBBONS (in correct flower shades.)
CHIFFONS AND SILK NETTINGS.

WE CARRY THE LARGEST AND MOST COMPLETE LINE OF Florists' Supplies and Ribbons IN THE COUNTRY. Sample line sent on request

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Katalog for the asking.

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CYCAS REVOLUTA

The True Long Leaf Variety.

JUST ARRIVED.

Per 1000 lbs.....$60.00
Per 100 lbs..... 7.50

Stems running from ½ lb. to 6 lbs.

Prices on all
Summer and Fall Bulbs, Plants and Roots
cheerfully given by

F. W. O. SCHMITZ,
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New Crop Dagger Ferns, 75c per 1000. Fancy Ferns $1.25 per 1000. Galax, bronze or green, 75c per 1000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. Flowering Laurel in its season; can ship large or small lots. 50c for a nice bunch with lovely pink blossoms.

Just what you want for your June Decorations.

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Wax Flowers, Wax Flower Designs,
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FLORISTS' SUPPLIES,

See our Special Advertisement on Page 127.

50 to 56 N. 4th St., Philadelphia.

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MANUFACTURER OF FLORAL METAL DESIGNS,
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For Season's Bargains

See Ad. May 26th

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PRIMROSE IMPROVED CHINESE.

Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Plants ready in July, $2.00 per 100.

CINERARIA—Finest large flowering dwarf, mixed, 100 seeds, 50c.

PANSY—Finest Giants, mixed, critically selected, 5,000 seeds, $1.00; half pkt., 50c.

☞ 500 seeds of Giant "Mme. Perret" added to every $1.00 pkt. of Giant Pansy seed.

CASH. Extra count of seeds in all packets.

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The Home of Primroses. SHIREMANSTOWN, PA.

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ASPARAGUS Plumosus Nanus Seed

$3.50 per 1000. Larger quantities less. Guaranteed true to name and of highest germinating quality.

DRAKE POINT GREENHOUSES,
YALAHA, FLORIDA.

Mention The Review when you write.

GREENHOUSE INSURANCE.

"It isn't so very long ago that an insurance man would shy clear across the street when he saw the word 'greenhouse,'" said Henry W. Magill, of the Phoenix of Hartford, in a recent conversation, "and even now they prick up their ears when the word appears."

"Up to the last few years the experience of every company writing greenhouse property was the reverse of satisfactory; the construction was faulty, the hazard great, and in consequence rates were so high as to be almost prohibitive, say from three to five per cent, while many risks were refused altogether. That most companies are now writing more greenhouse insurance than heretofore, and at materially lower rates, is due entirely to improved methods of construction. And even now in the general offices of most insurance companies greenhouse risks are accepted with reluctance and only in limited amount; for instance the Phœnix will write no more than $1,500 on any one range even under the most favorable circumstances."

"I doubt if any of the representative companies would care to go on record as looking for greenhouse business," said the chief examiner in the general office of one of the big Brooklyn companies and, withal, one of the most liberal. "Yet they are all writing more or less of such risks, because of improved conditions, and it may safely be set down that where a greenhouse owner cannot get insurance through the agents in his own town it is because of conditions which make that particular risk one of extra hazard."

January 23, 1903, the Chicago Underwriters' Association issued a new schedule on greenhouse property which was equivalent to a reduction in rates of about thirty-three and one-third per cent, "because of the better character of the buildings and greater attention to those matters which have to do with the reduction of the hazard," says H. H. Glidden, manager of the association, which is a clearing house for all insurance business in Cook county and the counterpart of many similar associations throughout the United States.

It must be understood that insurance practices are pretty much the same throughout the United States but that rates are variable. For instance, the rates in general increase slightly from east to west, because of what insurance men call the "moral hazard," it being argued that the farther west one goes the greater is the inclination of the people toward speculative enterprise and other things calculated to upset the mathematical principles on which the insurance business is conducted. Then, too, rates vary in different communities because of the expense of doing business, because of good or inefficient fire protection and for other reasons. But of far greater importance in influence on the cost of insurance are the details which contribute to the increase or decrease of what the insurance man calls the "hazard" in each individual case. In cases of this kind the agent has no predetermined rate, as he has for dwellings, stores, etc., but the rate is fixed by the rating officer of the district according to the conditions of each individual case as reported by the inspector.

It therefore behooves every florist to examine his greenhouse plant with a view to remedying those conditions which are making his insurance more costly than is necessary, or perhaps preventing his getting his risk accepted by any reliable company.

While, as has been said, details vary in different localities, principles are the same and a study of the schedule in use by the Chicago Underwriters' Association will afford an index to the procedure and a key to the points to be observed in new buildings or in making changes. The schedule is reproduced herewith. The Association has a map showing practically all buildings in its territory, their location, "exposures," etc. On receipt of an application for a rating on unrated property the superintendent sends out a surveyor, or inspector, who reports on all details of construction and any fact of conditions not shown on the map. On his report the rate is based.

It will be noted that the boiler must "be safely set in a brick room." Failure to observe this point is likely to make the rate prohibitive or to result in causing the risk to be declined altogether. If the houses have brick walls, iron gutters or iron bars the rate may be reduced accordingly. Proper clearance of steam pipes is required in all cases, also safe lighting. Then the basis for the rate is $1, that is, one per cent of the amount of the policy, provided there be not over 10,000 feet in the range. If over 10,000 feet the rate is 5 cents higher for each additional 5,000 feet.

If the boiler is in a frame building, or if in the main building, the rate is advanced 25 cents on each $100 of insurance. If the stack is of metal and passes through the roof the rate goes up 15 cents more and if the steam pipes have not proper clearance from wood another 15 cents is added. These charges seem well grounded, for the history of greenhouse fires shows that practically all originate in the boiler shed, and it is only the part of prudence to go to some little expense to fireproof it. Indeed, in many places recently built, especially in the east, the heating plant is in a detached fireproof building.

THE CHICAGO UNDERWRITERS' ASSOCIATION.

COMMERCIAL GREENHOUSE SCHEDULE.

Map Vol._____ Page _____

Name _____

Location _____

STANDARD—House frame not exceeding 10,000 square feet of ground area. Heating by hot water or low pressure steam, apparatus to be safely set in a brick room. Steam pipes to have proper clearance from wood. Lighting, electric, gas or approved lanterns. Occupancy greenhouse only. Basis	$1.00	
NOTE—If structure, except heater room, be of brick or part brick the superintendent of ratings may reduce the basis proportionately.		
AREA—For each additional 5,000 square feet or larger fractional part thereof, add	.05	
HEATING—If in frame room, or in main building, add	.25	
If stack or chimney of metal and passes roof add not less than	.15	
If steam heat used and piping has not proper clearance from wood, add not less than	.15	
If fire heat (flue) used, add not less than	1.00	
LIGHTING—If other than electric, gas or approved lanterns, add not less than	.15	
EXPOSURES—Add at discretion.		
OCCUPANCY—If occupied for other than the raising or potting of plants, add according to hazard at discretion.		
Charge for stable occupancy not to be less than	.25	
PROTECTION—If not provided with barrels of water and pails, hose service or fire extinguishers as required, add not less than	.25	
If not well under public fire protection, add not less than	.25	
BUILDING RATE		
CONTENTS—Except plants in frame buildings to rate same as building. In brick, and brick and frame buildings 25 cents more than building. Plants to rate $1.00 more than building in all cases.		

NOTE—All dwellings and barns exposed by greenhouses within 50 feet to be specifically rated at the discretion of the superintendent of ratings.

Greenhouses and contents to be classed as now, ordinary business, both as to term rates and commissions.

Surveyed _____ 190 _____ SURVEYOR.

NOTE—Surveyor, on the back of this sheet will give Diagram, if not on Map, Exposures, condition of Risks and Requests for Improvements.

Practically all greenhouses have a hose instantly available; if not other protection must be provided or the rate goes up another 25 cents. If the greenhouses are outside the public fire protection the rate is increased at the discretion of the superintendent. If used for any other purpose than as a greenhouse the rate increases, a stable attached costing not less than 25 cents each year on each $100 of insurance.

In the matter of exposures the florist frequently has no control, but he can at least see that his own stable and other outbuildings are a safe distance from the greenhouses. Buildings across a sixty-foot street may or may not be counted as exposures according to whether or not they are of themselves poor fire risks. But buildings close to a greenhouse, as on the same lot, adjoining or across an alley, add to the hazard. Distance governs, but of course a blacksmith shop is a greater danger than an ice house, a stable worse than a dwelling. In any event the rating officer adds to the premium charge according to his discretion.

The rate on the contents of greenhouse structures is, according to this schedule, in all cases to be $1 higher than on the buildings themselves.

The Chicago Underwriters' Association has published for its members a list of ratings on many classes of buildings and on many large properties, including several greenhouse plants. The rate on the Peter Reinberg greenhouse establishment, figured on this schedule, is $2.15 per annum per $100 of insurance, a rate materially lower than in comparatively recent years and a rate which Mr. Reinberg will still farther reduce this year by virtue of the excellent methods of construction he is employing in rebuilding the seventeen houses in the oldest section of his plant.



THE USE OF BONE MEAL.

The question of bone flour as a fertilizer for rose culture under glass is at the present time a very pertinent one, as the majority of growers will within the month be using it in large quantities.

Containing, as it does, many of the elements necessary to plant life and which roses in their confined quarters are debarred from seeking for themselves, it should be offered to the plants in as pure and assimilable form as possible. That pure bone flour when properly applied, is beneficial is without question, but how to secure the pure article is another question, and that the adulterated article, or the pure bone cut by poisonous acids is in every way unfit for this work is also unquestioned.

There are few rose growers who have been long enough in the business to show the silver threads in their locks, where any are left, but have had some unpleasant experience with these raw or low grade fertilizers and from such experience have learned to exercise caution even with the best recommended article. That caution is necessary is evidenced by the fact that there are still brands on the market which even in the hands of experts cannot be used with safety.

Some years ago I had the misfortune to handle a consignment of just such stuff and had the mortification of seeing my young stock shed the whole of their leaves within a week after being planted. A complaint to the firm supplying the material elicited the stereotyped reply that the material was of the same grade as formerly supplied and insinuated, of course, that the whole trouble was in the careless manner in which it had been applied. On reviewing the matter I could not see how it could, if of the same grade, act so differently on the plants when used in the same manner and quantities as formerly. Not being in a position to fight such a strong corporation I had to grin and bear it. I am glad, however, to see that one firm, the Elizabeth Nursery Co., of Elizabeth, N. J., who have had a similar experience, had the temerity to bring the question to an issue. The outcome of the case in their favor is of much importance to the trade.

Where the gases have no means of escape but must accumulate when the ventilators are shut, especially prepared bone should be secured from some reliable house in our own trade, as many of these chemical preparations from general fertilizer works, while safe enough when applied to field crops, where the gases can escape freely, are simply fatal when applied to greenhouse crops.

As a matter of safety I have for years provided the supply of this material some months previous to using, thus giving ample time to allow the deleterious gases to escape and during that period have had no trouble even when using it in large proportions.

While exercising as much care as possible to secure the pure article every other precaution should be used to eliminate the element of danger before applying it to the stock. Ribes.

THE ROSE BEETLE.

The rosebud curculio occurs very commonly on wild and cultivated roses in many parts of the country. The beetles are rather shy when discovered, and though their movements are not quick, they soon disappear under a leaf or stem when a person approaches. In common with many other insects, they have the habit of drawing in their legs when in danger and allowing themselves to drop to the earth, where they remain motionless for a short time, or until the danger has passed.

The colors found on the beetle are red and black. The wing covers, which make up the greater part of the upper surface of the body, and the thorax (prothorax) are red, while the head, including the beak or snout, the antennæ, the legs, and the entire under surface of the body are black. F. H. Chittenden, assistant entomologist in the United States Department of Agriculture, reports that in Colorado specimens are found in which the greater part of the head, legs and antennæ are red, like the upper surface of the body.

The beak or snout is long and slender, as indicated in the accompanying illustration (a and d). The antennæ are club-shaped and are attached near the middle of the snout, one on each side. The mouth parts are situated on the extreme end of the beak, and are made up of a number of pieces, the most formidable of which are the mandibles, which are toothed on both the inner and outer edge. The mouth parts viewed from beneath are illustrated (g). Exclusive of the beak the beetle measures a little less than one-fourth of an inch in length.

The injuries for which the species is responsible are done by the adult or beetle, and so far as is known by the writer, the larva does no harm to the plant in any way. The principal injury accomplished by the beetle is done by boring small, deep holes into the buds. Many holes are often bored into a single bud. Though such a bud may open, the resulting rose is of no value. Other buds cease to develop when eaten into, and soon wither and dry up. The beetles also bore holes into the stems of the roses at right angles to the axis. Buds affected in this way wilt, and hang from the stems, and later dry.

Complaints of the injuries caused by this beetle have reached the Experiment Station from various parts of the state. The injuries are scarcely less serious and extensive than those of the rose chafer (Macrodactylus subspinosus), in the eastern states, and a number of cases have come under the writer's attention in which persons have given up an attempt to grow roses on account of the injuries of this insect. Various writers have reported it as a troublesome pest on roses in widely separated parts of the United States. It occurs in the northern tier of states from ocean to ocean and as far south as Mexico.

The beetles appear early in June and continue until the latter part of August. The eggs are deposited in various places. Most of those found by the writer were in the buds, either in the unexpanded petals or in the young fruit. One egg was found in the tender extremity of a new cane and one in a cynipid gall. In all cases the eggs were found in the holes made with the beak, and were placed well down in the holes, below the surface. The form of the eggs is shown (c). They are semi-transparent and almost colorless. The eggs hatch in a few days, probably about a week or ten days. We have never been able to find larvæ except in the rose hip or fruit, and this is doubtless the normal place for their development.

The larva or grub (b) is yellowish white, with a rosy tint, and instead of being straight has the back arched. It has no legs. The head and mouth parts viewed from above are shown (f). We have never found the larvæ in abundance. A large plant bearing many hips seldom has more than two infested fruits, though many have the external mark that would indicate them to be infested.

The grubs finish feeding and disappear early in October.

In many cases hand picking is all that is necessary to get relief from the injuries caused by this pest. In a previous paragraph we have mentioned the fact

that when disturbed the beetles drop to the ground. Taking advantage of this, one can catch the beetles by holding a pan containing kerosene underneath and causing the beetles to drop.

Under some conditions hand picking is a futile measure. When the cultivated roses to be protected are in the vicinity of wild roses which breed the beetles year after year, it will probably be useless to attempt hand picking. It is said that a spray of Paris green will kill the beetles.—R. A. COOLEY, in Bulletin of Montana Experiment Station.

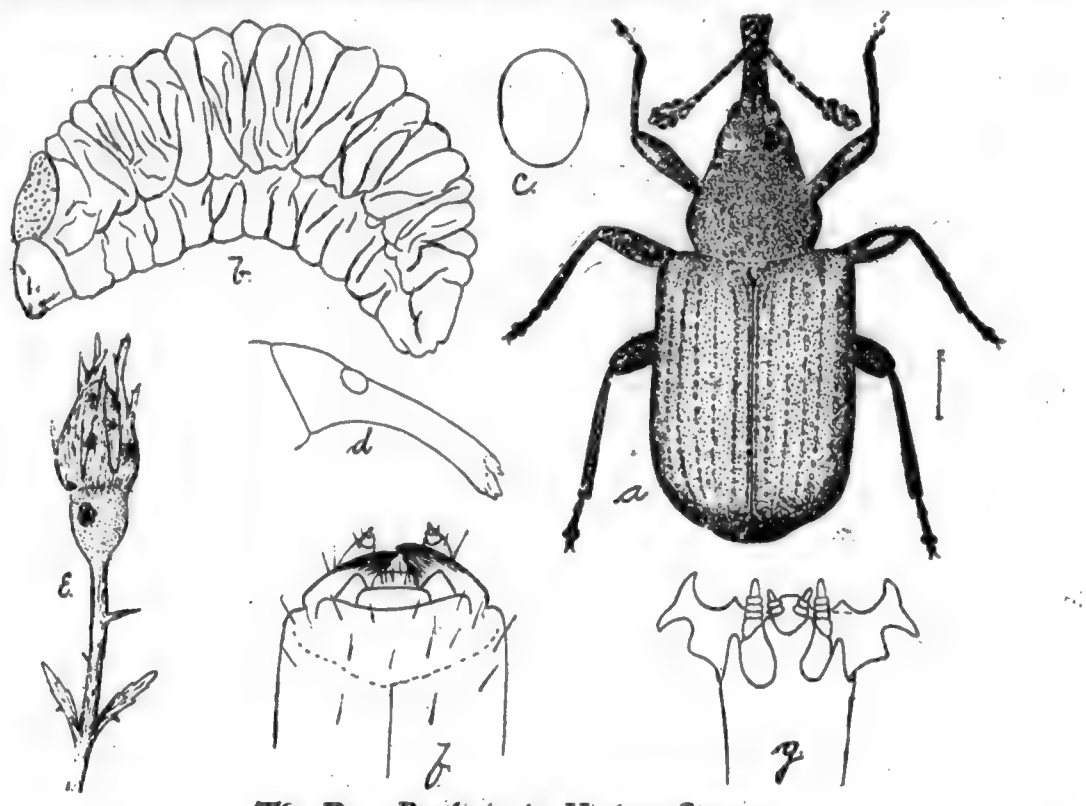
RENEWING THE BENCH SOIL.

Some weeks ago an inquiry was sent to the REVIEW by an eastern professor who is rightly considered a high authority on matters pertaining to horticulture, particularly on soils, the most important of all. The question was about like this: "Why do florists consider it necessary to change or renew the soil on their benches every year, for the important crops, for instance, roses, carnations and chrysanthemums?" I regret very much that I cannot quote the exact text of the question, yet it makes little difference whether the question was "Why do they?" or "Why do they not?" The delay in answering is because the writer desired to have the opinions and views of men of large experience and of some who could speak from a knowledge of the chemistry of the soil.

Ask about ninety per cent of all the growers of greenhouse flowers of our staple kinds why they put fresh soil on their benches annually and the answer would be, if cornered to explain: "Well, I don't know, but it seems to me it is worn out, in poor condition, and I should be sorry to trust it the second year." These men answer without any specific knowledge, more on general principles, what they have always done and what their fathers have done, and they are largely right.

At the inception and birth of the American Carnation Society, at Philadelphia some years ago the question of renewing the soil on carnation benches was brought up and the writer was astonished to hear several growers from what was then known as the carnation belt, Chester county, Pa., (the belt, like the gulf stream, has deviated of late, spreading north, east and west till you would scarcely recognize the belt unless it was labeled) stand up and say that they did not change the soil for four or five years and did not think there was any necessity for doing so. Soil that has been used for one season, say for carnations, removed in June and allowed to remain out of doors the following winter and in the spring turned over and replenished with manure, bone, ashes or other fertilizers would, in my opinion, be entirely different from soil that simply had the growing crop removed and after a few days worked into the proper condition, with manure added, and then a new crop planted.

It may be possible with some of our flowers to restore to the soil all that is essential to their growth and vigor, yet I don't know what they are. It is a temptation, when short of time and material, to use the same old soil, or part of it, as we have done and if the result was fairly good you would be too apt to persuade yourself that old soil was good enough, forgetting that



The Rose Beetle in its Various Stages.

a., adult beetle; b., larva; c., egg; d., sideview of head of beetle; e., bud injured by the beetle; f. mouthparts of the larva; g., mouthparts of the beetle.

with equal care and all other conditions your carnations or chrysanthemums might have been much better. In the case of roses let me repeat the remark of a first-class rose grower. "We threw out our soil as usual and spread it out and seeded it to grass. Three or four years afterwards the boss says, 'Barney, that ought to be good enough.' I say, 'No, boss, I don't think so.' However, we did use it and our roses were very poor. It won't do. Give me soil that never grew roses."

A few of the principal reasons against using soil on our benches the second year are:

1. The plants have, from the limited amount of soil given them, taken from the soil the essential elements that nourish their growth. It may be possible to restore the elements artificially, but who could tell without a scientific analysis whether it was potash or phosphorous or ammonia that was needed?

2. By our treatment of the soil on the benches we have put it in the poorest mechanical condition. All vestige of fibre is gone and, although it is quite easy, with proper management, to put it again in a good working condition, it is too friable and lifeless for any of our important crops.

3. All our winter blooming bench crops are subject to many and varied diseases, such as fungi, rust, bacteria and insects. The spores and eggs of all these find a natural resting place in the soil and you can't expect to escape anything but a battle against them when you begin again with a young army ready to fight.

The above three reasons may not be conclusive in some people's opinion, but I must say, both from experience and observation, that it is unwise in the extreme to use the soil the second year on our shallow benches for either roses, carnations, chrysanthemums or violets. The farmer and market gardener rotates his crops even where he has the blessings of frost and snow and the natural atmosphere. How much more essential is it for us to use fresh soil where our conditions are most artificial, where we drench the beds continually with water and endeavor to extract from the soil and put into the plant all we possibly can. WILLIAM SCOTT.

BEDDING GERANIUMS.

Please answer us this question through the columns of the REVIEW. What are the best bedding sorts of geraniums, all colors? I. S. C.

I am inclined to think that an authority like the E. G. Hill Co., who import all the new varieties annually and doubtless give them a trial before sending them out, could give you a more up-to-date list of desirable zonale bedding geraniums. The Frenchmen and some English firms send out every year many varieties, yet, like the chrysanthemums and carnations and other florists' flowers, the great majority fall by the wayside and if there are one or two novelties of sterling merit in a year it is all we expect. Zonale geraniums (pelargoniums, as they are properly called in Europe) are largely grown there for conservatory decoration and for that purpose many of the single varieties are most beautiful, but useless for our purpose as summer bedding plants. Here is a short list of varieties that can be depended on to grow and bloom with great success the entire season.

S. A. Nutt, dark scarlet; Le Soleil, dark scarlet. These are very alike, yet I think Le Soleil is a little the better and the finest all-around zonale we grow and the public seems to like that shade better than any. Alphonse Ricard, a light scarlet, splendid floret and truss; John Doyle, bright scarlet, a little darker than Ricard; Frances Perkins, the best of all pinks. This has entirely superseded the old favorite Emile de Girardin. Beauty Poitevine, a beautiful salmon; Glorie de Paris, a peach blossom pink, good for vases; La Favorite, a very free flowering white; Ernest Louth, a very old, but fine variety not unlike the color of Lawson carnation; Countess de Harcourt, a very fine white; Marquis de Castellane, a grand red; Jean Viaud.

This latter is such a splendid flower at selling time that I have added it to the list, yet it is with us rather disappointing when used as a bedder, not

flowering freely enough. All of the above are semi-double. Our experience is that if we have 30,000 geraniums in 4-inch pots in the spring, about half of them ought to be S. A. Nutt of Le Soleil. Nine people out of ten, if they want a red or scarlet, will say "that's my color." If your patronage consists of a good many old ladies who love posies and like to select a dozen geraniums you may need to grow twenty or thirty varieties, but if you cart them to the market by the wagon load or fill flower beds that may take 150 plants of one variety, then about half a dozen of the very best varieties will suffice and you have less to think about and will grow them better. W. S.

THE RETAIL FLORIST.....

COLOR HINTS.—III.

Harmony and Window Work.

Two or more colors to be harmonious must warm up to each other, seem to run into each other, not bluntly but easily and softly, without any very distinct line of connection. Here is another way to tell whether there is a connection between two colors: If unable to trace the coloring with a true eye, observe the colored shadow which the darker or more brilliant color throws upon the lighter. If the shadow seems to develop the same color in the lighter, you have found the harmony. If on the other hand, there is no tuning up as it were, in the lighter or if the shade or brilliant color becomes dulled, there is no harmony.

All this may not sound very much like shop talk but, viewed in the best sense, is valuable. Color harmony is attractive, whether people are conscious of it or not. The rudest, as well as the cultured, are influenced by it. A knowledge of color is certainly very practical for the florist. A finely colored window, other things being equal, cannot help but attract. I have seen windows piled up in tiers with quantities of valuable stock, massed in with a total disregard of the fighting qualities of salmon pink crowded against scarlet, backed up with purple and orange and flanked with an array of jardinieres terrible to contemplate. One quarter of this material wisely used would serve a better purpose and spare the eyesight of the onlookers.

In Decorating.

Don't be afraid of brilliant coloring and striking contrasts. The lack of such taste is no sign of an artist, but be careful how you combine. In viewing a room to plan for a decoration, always consider first the colors of the finishings and furnishings. If you find a room in oriental reds and blues, use delicate pink; if terra cotta, use yellow and cream; if mahogany color, use green liberally; if cherry or black walnut or ebony, use pink, or pink and rich cream; if light green, use rose pink as seen in Lawson carnations, scarlet or crimson. There should be some sort of connection between the background color, as in a wall, and the material with which we decorate the room.

But do not let the colors be very near alike. For instance, I once went to put up a wedding decoration of wild smilax, and to my dismay found that the walls were green, almost the color of the smilax. The smilax never would show on a background so very much like its own color. The only thing to do was to manufacture a lighter background. So I called for a plain lace net curtain and stretched it on the wall first. This lightened the sober green of the wall, and at the same time made enough of a contrast to bring out the coloring and graceful design of the smilax sprays, while there was yet enough of the green of the background still apparent to establish the connection and the harmony.

Colors for Funeral Work.

For elderly people, there are no more appropriate colors than purple, crimson, dark blues and rich deep greens. For younger people, light violet and pink should predominate, with light yellow. For children, use white with a suggestion of pink, in small delicate flowers, not forgetting the softening effect of fine cut light green foliage.

In selecting the color for a funeral design, follow the natural coloring as far as possible. Why shouldn't a heart be crimson rather than white, or a cross of some warm color? A pillow may be well worked out in white and green, while a shield should be red, white and blue, of course. An anchor always works out well in pink as suggestive of its sentiment. A wreath or a basket perhaps admits of as wide a range of coloring as any design commonly made.

Gertrude Blair.

London, Ont.—J. Gammage & Sons have a new chrysanthemum, Melrose, which they are distributing locally.

A COLORADO ESTABLISHMENT.

The accompanying illustrations will give an idea of the character of the establishment of William Henry Evans, of Colorado Springs, Colo. One of the photographs shows the office and sales room with a glimpse of the greenhouse range showing in the rear. The other illustration is from a photograph taken in a house of miscellaneous stock, the dimensions of the structure being 30x90. The photograph was taken just before Easter. There are about 25,000 square feet of glass in the establishment and, as they are having a considerable demand from wholesale customers, they are now adding two more houses and hope before long to double their capacity. Edward Johnson is the greenhouse manager. The houses supply the retail store of the Colorado Springs Floral Co., of which Mr. Evans is president and Wm. S. McCartney treasurer.

STEM ROT OF ASTERS.

Asters are grown from seed sown under glass in early spring or in the open ground later in the season. The young plants are pricked out into pots, flats or cold frames when large enough and later set out in the open bed. They flourish well in almost any soil, but respond in a marked degree to an increased amount of fertility. Their best development is obtained in a moderately moist, well-drained soil, rich in organic matter and plant food.

This plant has suffered in recent years to a marked extent from a variety of troubles, which have in some cases caused its abandonment by professional growers, says Ralph E. Smith in a bulletin of the Hatch Experiment Station. One of the worst diseases and one which makes its appearance sometimes within a few days after planting may be called "wilt" or "stem rot," and is now perhaps the most common and destructive disease of the aster. It has been known for some time but has greatly increased in abundance during the past few years, being more generally prevalent during the summer of 1901 than ever before. Professor Galloway states that it is caused by a fungus which enters the plant near the surface of the ground and fills up the water vessels of the stem, thus causing the plant to wilt and finally die.

This disease is readily recognized by one familiar with it. It first appears soon after the plants are set out in the bed and is generally prevalent from that



Establishment of W. H. Evans, Colorado Springs, Colo.

time on throughout the season, but is most noticeable at two periods, the setting of the plants and the time of blooming. Complaints of this trouble are most abundant from the latter part of July to the middle of August, as it is during this period that most of it appears.

Those who examine closely find that the stem of the plant just at the surface of the ground is badly rotted and evidently the seat of the difficulty, the hard inner woody portion only remaining. This, however, is the final stage of the disease, which may be recognized much earlier. Its effects are always seen first upon one side of the plant, usually in one of the lower leaves and almost always in one-half of the leaf. Here the normal color begins to turn to a dull yellowish green. Soon this is apparent up and down the whole length of the plant, but still on one side, a wilting, fading, "blighting" effect. At the top of the plant the leaves on the affected side are somewhat smaller than the others, while further down they gradually droop and die away. The whole appearance is very characteristic, one side of the plant having the dull-green, wilted, blighted appearance with only one-half of many of the leaves affected at first. When the disease is prevalent many plants take on this appearance and die soon after being set out in the bed. Often a large lot will be a total loss before developing a bloom. In other cases plants in which the symptoms are apparent, but not so strongly marked, will throw out branches, form buds and develop a few feeble flowers before entirely perishing. Again it is very common for plants which appear healthy up to the time of blooming to throw out a normal crop of flowers, then suddenly show the characteristic blight, wilt and dry up in a very short time. In all these cases the disease is the same.

If affected plants in the earlier stages of the disease are pulled up and examined no indication of injury can be seen except in the wilted, dying lower leaves. The roots and stem appear perfectly sound and healthy. It is only on cutting open the stem, just at the surface of the ground, that the seat of the trouble is found. Here will be found a dark discoloration in the outer edge of the harder, woody portion of the stem, where it joins the soft "bark" which covers it. At first this is only a small spot on the affected side, but may always be found when the exterior symptoms have begun to appear. This discoloration spreads around and up the stem, always in the woody portion at first, but finally the soft outer part is affected and rots away, leaving the wood intact, though it was the first portion to be attacked. By this time the plant is dead so that if first examined at this stage the stem is found in the condition described.

The cause of this trouble may readily be found with the microscope. This is seen to the best advantage in a plant in the earlier stages of the disease where the outer green cortex of the stem is still sound. By examining a thin section of the discolored woody portion it will be seen that the discoloration is confined mostly to the large vessels or pores through which the water passes up from the roots. These are still intact and uninjured, but in the interior of most of those which are already affected as shown by the darker color, there will be seen a mass of fungous growth which completely plugs up the opening and evidently prevents the free passage of water or sap through the vessel.



Greenhouse at Plant of W. H. Evans, Colorado Springs, Colo.

The important question now arises, where does this fungus come from and how does it attack the plant? The solution of this point underlies the whole problem of preventing or treating the disease. A particular case may be described. In the spring of 1900 we planted a large amount of aster seed in flats in a greenhouse. The seed was planted quite thickly, so that the plants after coming up stood very close together in the rows. A long period of wet, cloudy weather followed and soon the trouble known as "damping off" set in quite abundantly. As soon as possible the plants were pricked out, saving only the best. Many more rotted off after this, so that when the permanent beds were set out on June 8 many varieties were very poorly represented. It was noticeable in the flats that many plants showed a trouble, evidently a continuation of the damping off in the seed bed. In many cases, however, an apparent recovery took place. In some lots of badly affected seedlings almost every plant showed at the time of pricking out a small dark spot on the stem, from which the rotting proceeded. In those which appeared to recover a callus tissue grew over this spot, becoming a sort of scab and appearing to check the decay of the stem. By carefully following the individual plants it was found that these were the plants which showed the wilt disease after being set out. The fungus in all these cases was the same. This is an important point, namely, that the disease was contracted in the seed bed as a result of conditions which favor damping off.

Acting upon this idea comparisons were constantly made between plants started in the greenhouse which damped off more or less and those which were started in the open ground and kept in vigorous growth from the first. The development of individual plants and typical lots of plants, affected and unaffected, was carefully followed up, with the result that in every case where plants died from stem rot after being set out in the bed, even though in many instances no trouble showed itself until the time of blossoming, the disease came from the seed bed and was not contracted by healthy plants after being set out in the field.

Our own plants have been started each year in the same house, the same flats and possibly to some extent in the same soil. It seems almost certain that the germs of this fungus are thoroughly established here; at any rate the trouble has steadily increased from none in 1899 to almost every plant in 1901, while each year plants started out of doors, set out in the same beds and often in ground occupied by diseased plants the previous year have shown no trouble of this sort whatever. The past season when the greenhouse-started plants were almost all killed sooner or later by the stem rot, our large bed presented a most instructive appearance. At one end was a large block of plants started out of doors. Here and there through the bed were a few other rows of similar plants. The rest of the field had been set with greenhouse plants. By the time that blooming was well under way scarcely a plant remained alive in the whole bed except in the portions set with outdoor plants, and here not a single plant showed this blight.

Plainly the avoidance of this disease lies in starting with healthy plants, grown out of doors or in cold frames, rather than in the greenhouse where the conditions are more favorable to damping off. Of course many good plants are started in greenhouses, but the disease is rapidly increasing in prevalence and appears to start almost invariably from such conditions. Plants started out of doors are insured against this trouble, and, though perhaps a little later, may easily be brought to full development at the normal season.

As regards time of blooming there is no marked advantage in obtaining very early plants, with the possible exception of Queen of the Market and similar extra early varieties. Plant the seed in good soil out of doors as early as the ground can be thoroughly worked, in a

place where asters have never grown before. Thin out the young plants if necessary, transplant to the permanent bed as soon as they are large enough and when conditions are favorable, and, so far as stem rot is concerned, no trouble need be feared.

ASPARAGUS PLUMOSUS.

Will some one please tell me through the REVIEW why my seeds of Asparagus plumosus nanus germinate so slowly this year? I have never let the beds get dry and am very careful not to overwater them. I am also careful not to let a crust form on the soil. I keep the temperature as near 80 degrees as possible. I planted the seed one inch deep in rather poor field soil, well sifted and the beds get the sun all day. The seeds were planted the last week in March. S. B. R.

You may have had the bad luck to get hold of poor seed, too ancient to germinate. The best advice I can give you now is to remove all that poor soil that you smothered the seed with, take it off and try and leave only just enough to cover the seed. Next time you sow asparagus first procure it of some good, reliable firm. Soak the seed for twenty-four hours in warm water. Then sow it evenly on a smooth surface and cover with sifted sod, just enough to cover the seeds. There is no need of the hades temperature of 80 degrees; 60 degrees is plenty warm enough, and don't let the sun shine till the young plants are well up through the soil. Quality of soil would make no difference to the starting of the seed, but why not choose a light loam, made better still with the addition of sifted leaf-mold or very decayed manure? W. S.

S. A. F. TRADE DISPLAY.

The following are extracts from the revised rules for the management of the S. A. F. trade display:

The superintendent shall furnish the society, through the secretary thereof, a list of the exhibitors and exhibits by 1 p. m. on the day of opening the convention. He shall also furnish the secretary with a list of novelties and new devices submitted for awards, said list to be for the use of the judges.

Exhibitors showing novelties or improved devices which they wish to have examined by the judges for such special notice or award as they may be deemed worthy of, shall make an itemized entry thereof with the superintendent in advance.

The president shall appoint, not less than one month in advance of the convention, three judges who shall examine specially entered exhibits and make detailed report thereon promptly to the secretary on the afternoon of the first day of the convention.

For exhibits deemed worthy thereof diplomas of three grades may be given, as follows: Certificate of Merit, Honorable Mention, Highly Commended.

No distinction as "First," "Second," "Best," or "Largest," or other mention indicating comparisons with other exhibits shall be made, and diplomas of equal value may be awarded to several exhibits in the same class.

Those intending to exhibit should apply to C. A. Kuehn, 1122 Pine street, St. Louis, for a complete copy of the rules.

CHRYSANTHEMUM SOCIETY.

Nathan Smith & Son offer the following special prize for the Boston chrysanthemum show: $25 cash for the best twelve white chrysanthemums, of American or foreign origin, of a variety disseminated in 1904; to be judged from a commercial standpoint; stems, not less than thirty inches long; open to private gardeners only.

FRED H. LEMON, Secretary.

ADIANTUM CROWEANUM.

The fact that Peter Crowe, of Utica, who had been very successful at rose growing, found it profitable to give up that line to devote his time entirely to adiantum has no doubt had its effect upon the sale of the variety which is identified with his name and which is shortly to be distributed to the trade by Wm. F. Kasting, of Buffalo. The variety Croweanum originated in a batch of Adiantum cuneatum which Mr. Crowe purchased a good many years ago from Alex Montgomery, at Waban Rose Conservatories, Natick, Mass. It is naturally of slower reproduction than a rose or carnation and Mr. Crowe has been many years working up a stock and selling the cut fronds in the wholesale markets of New York, Philadelphia, Buffalo and Boston. He found it a much better seller than the old cuneatum and Mr. Kasting in handling the cut fronds recognized it as a most valuable novelty. He therefore made a contract with Mr. Crowe for the purchase of a portion of the stock, with certain reservations as to the time in which he might be the sole distributor. Mr. Kasting has appointed a number of the leading seed and plant houses throughout the country as general agents for his novelty and reports a very large sale in all directions. Every grower of "green goods" for the wholesale market is trying Croweanum and hundreds of growers for the retail trade are also taking it up, as it makes a very fine pot plant and is reputed to have wonderful qualities of endurance when exposed to the trying conditions of the dwelling room.

THE WEEKLY FLORISTS' REVIEW

"The best all-around paper there is. As an advertising medium it pays better than any other. If we have anything to sell or want to buy, it is our first choice. We certainly could not do without it. We enclose $1.00 for subscription and copy for advertisements."

J. SYLVESTER.

Oconto, Wis.

June 6, 1904.

PENNSYLVANIA PREMIUMS.

The Pennsylvania Horticultural Society will hold its annual exhibition November 8 to 12 this year and has issued the premium list in pamphlet form. This is one of the societies which provides liberally for the plant classes, silver medals and money premiums ranging up to $50 being offered for specimen blooming and foliage plants and for groups. On cut chrysanthemums there are many classes, some of which are restricted to amateurs or private gardeners only, with liberal premiums. On the second day of the exhibition roses, carnations and violets will be the features. For twenty-five blooms of tea roses, premiums of $5 and $3 are offered; for twelve Beauties, the first premium is $25 and for best vase of fifty blooms of a variety not yet disseminated the first premium is $30. A silver cup is offered for the best American seedling not yet disseminated. On the third day of the exhibition floral arrangements will be the feature. For mantel decorations there are premiums of $20 and $10; for table decorations without bloom there are premiums of $25 and $15, for dinner table decoration with plants or flowers $50 and $30. There are also premiums for baskets and plateaus of flowers. The list also includes the premium offers on fruits and vegetables, most of them donated by the Philadelphia seedsmen.

DORCHESTER, MASS.

Death of L. H. Foster.

Lucius H. Foster died at his home here May 31 after an illness of several months. He suffered an apoplectic stroke last fall but was thought to be gaining until recently, when his condition took a turn for the worse. Mr. Foster was in the prime of life. The last time he was seen by the majority of his friends in the trade was at the S. A. F. meeting at Milwaukee, when he appeared in the most robust health and good for many years to come. His death, though not unexpected since his illness, comes as a shock. Mr. Foster had a large business and was widely known in the trade, his name being associated with the nephrolepis, Anna Foster, named for his wife, sent out from his establishment a couple of years ago.

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east, and nothing but praise can be said of his stock. And, again, he is originator of the prize winning Anna Foster fern, of which we all know and hear so much, having named it after his beloved wife now deceased. Mr. Foster was at one time president of the Florists' and Gardeners' Club of Boston and also a member of the Massachusetts Horticultural Society. He leaves one daughter, Miss Edith P. Foster, for whom the well known Edith P. Foster carnation is named. Mr. Foster was a man of broad views and was always willing to help and advance others, instructing his hire to do the same and by his death the trade has lost a noble soul, one we could look to as an example in education for the future advancement of the many in our profession. He fought a good fight but still lives in our memory.

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St. Louis Exposition Building, where the S. A. F. will Meet August 16.

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PHIL.

CHRYSANTHEMUM MANUAL.

Send the REVIEW 25 cents in coin or stamps and we will mail you a copy of Elmer D. Smith's new book, the Chrysanthemum Manual. It is a pamphlet of eighty pages, with eighteen illustrations, and embodies the experience of a lifetime spent on this specialty.

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The President's daughter is still with us, having prolonged her stay, attending social affairs given in her honor almost every day and night, at which a great many cut flowers are being used and of course only the choice stock is wanted for these occasions. Those who were fortunate enough to furnish these orders wish that Miss Roosevelt would remain with us all summer. But others of note will visit us this summer, who will receive much attention from the social folks, and of course floral decorations will be one of the features, so the St. Louis florists expect to be busy all this summer with work of that kind.

Stock of the first quality is very scarce, but in other grades there were plenty for all demands the past week. In American Beauties fancies were limited, with good demand for all that came in. Shorts, too, cleaned up every day for design work. For the best Beauties $2.50 to $3 per dozen was asked. Others ran from $1.50 per dozen down to $5 per 100. Of the smaller roses, such as Bride, Maid, Gate, Liberty and Meteor, there seemed to be plenty in the market, of the first and second grade stock. There was a big demand for fancy stock in these, and prices ranged from $3 to $6 per 100. Some extra fancy brought $8 per 100. In the poorer grades of carnations the market is well supplied at present, only fancies being scarce, the demand for these large, and $2 to $3 per 100 asked for the best; $1 to $1.50 for the common small stock. Outdoor stock suffered a great deal last week from the heavy rains, the demand being good for this material for the many lawn decorations. Sweet peas are in great abundance, prices ranging from 25 to 60 cents

place where asters have never grown before. Thin out the young plants if necessary, transplant to the permanent bed as soon as they are large enough and when conditions are favorable, and, so far as stem rot is concerned, no trouble need be feared.

ASPARAGUS PLUMOSUS.

Will some one please tell me through the REVIEW why my seeds of Asparagus plumosus nanus germinate so slowly this year? I have never let the beds get dry and am very careful not to overwater them. I am also careful not to let a crust form on the soil. I keep the temperature as near 80 degrees as possible. I planted the seed one inch deep in rather poor field soil, well sifted and the beds get the sun all day. The seeds were planted the last week in March. S. B. R.

You may have had the bad luck to get hold of poor seed, too ancient to germinate. The best advice I can give you now is to remove all that poor soil that you smothered the seed with, take it off and try and leave only just enough to cover the seed. Next time you sow asparagus first procure it of some good, reliable firm. Soak the seed for twenty-four hours in warm water. Then sow it evenly on a smooth surface and cover with sifted sod, just enough to cover the seeds. There is no need of the hades temperature of 80 degrees; 60 degrees is plenty warm enough, and don't let the sun shine till the young plants are well up through the soil. Quality of soil would make no difference to the starting of the seed, but why not choose a light loam, made better still with the addition of sifted leaf-mold or very decayed manure? W. S.

S. A. F. TRADE DISPLAY.

The following are extracts from the revised rules for the management of the S. A. F. trade display:

The superintendent shall furnish the society, through the secretary thereof, a list of the exhibitors and exhibits by 1 p. m. on the day of opening the convention. He shall also furnish the secretary with a list of novelties and new devices submitted for awards, said list to be for the use of the judges.

Exhibitors showing novelties or improved devices which they wish to have examined by the judges for such special notice or award as they may be deemed worthy of, shall make an itemized entry thereof with the superintendent in advance.

The president shall appoint, not less than one month in advance of the convention, three judges who shall examine specially entered exhibits and make detailed report thereon promptly to the secretary on the afternoon of the first day of the convention.

For exhibits deemed worthy thereof diplomas of three grades may be given, as follows: Certificate of Merit, Honorable Mention, Highly Commended.

No distinction as "First," "Second," "Best," or "Largest," or other mention indicating comparisons with other exhibits shall be made, and diplomas of equal value may be awarded to several exhibits in the same class.

Those intending to exhibit should apply to C. A. Kuehn, 1122 Pine street, St. Louis, for a complete copy of the rules.

CHRYSANTHEMUM SOCIETY.

Nathan Smith & Son offer the following special prize for the Boston chrysanthemum show: $25 cash for the best twelve white chrysanthemums, of American or foreign origin, of a variety disseminated in 1904; to be judged from a commercial standpoint; stems, not less than thirty inches long; open to private gardeners only.

FRED H. LEMON, Secretary.

ADIANTUM CROWEANUM.

The fact that Peter Crowe, of Utica, who had been very successful at rose growing, found it profitable to give up that line to devote his time entirely to adiantum has no doubt had its effect upon the sale of the variety which is identified with his name and which is shortly to be distributed to the trade by Wm. F. Kasting, of Buffalo. The variety Croweanum originated in a batch of Adiantum cuneatum which Mr. Crowe purchased a good many years ago from Alex Montgomery, at Waban Rose Conservatories, Natick, Mass. It is naturally of slower reproduction than a rose or carnation and Mr. Crowe has been many years working up a stock and selling the cut fronds in the wholesale markets of New York, Philadelphia, Buffalo and Boston. He found it a much better seller than the old cuneatum and Mr. Kasting in handling the cut fronds recognized it as a most valuable novelty. He therefore made a contract with Mr. Crowe for the purchase of a portion of the stock, with certain reservations as to the time in which he might be the sole distributor. Mr. Kasting has appointed a number of the leading seed and plant houses throughout the country as general agents for his novelty and reports a very large sale in all directions. Every grower of "green goods" for the wholesale market is trying Croweanum and hundreds of growers for the retail trade are also taking it up, as it makes a very fine pot plant and is reputed to have wonderful qualities of endurance when exposed to the trying conditions of the dwelling room.

THE WEEKLY FLORISTS' REVIEW

"The best all-around paper there is. As an advertising medium it pays better than any other. If we have anything to sell or want to buy, it is our first choice. We certainly could not do without it. We enclose $1.00 for subscription and copy for advertisements."

J. SYLVESTER.

Oconto, Wis.

June 6, 1904.

PENNSYLVANIA PREMIUMS.

The Pennsylvania Horticultural Society will hold its annual exhibition November 8 to 12 this year and has issued the premium list in pamphlet form. This is one of the societies which provides liberally for the plant classes, silver medals and money premiums ranging up to $50 being offered for specimen blooming and foliage plants and for groups. On cut chrysanthemums there are many classes, some of which are restricted to amateurs or private gardeners only, with liberal premiums. On the second day of the exhibition roses, carnations and violets will be the features. For twenty-five blooms of tea roses, premiums of $5 and $3 are offered; for twelve Beauties, the first premium is $25 and for best vase of fifty blooms of a variety not yet disseminated the first premium is $30. A silver cup is offered for the best American seedling not yet disseminated. On the third day of the exhibition floral arrangements will be the feature. For mantel decorations there are premiums of $20 and $10; for table decorations without bloom there are premiums of $25 and $15, for dinner table decoration with plants or flowers $50 and $30. There are also premiums for baskets and plateaus of flowers. The list also includes the premium offers on fruits and vegetables, most of them donated by the Philadelphia seedsmen.

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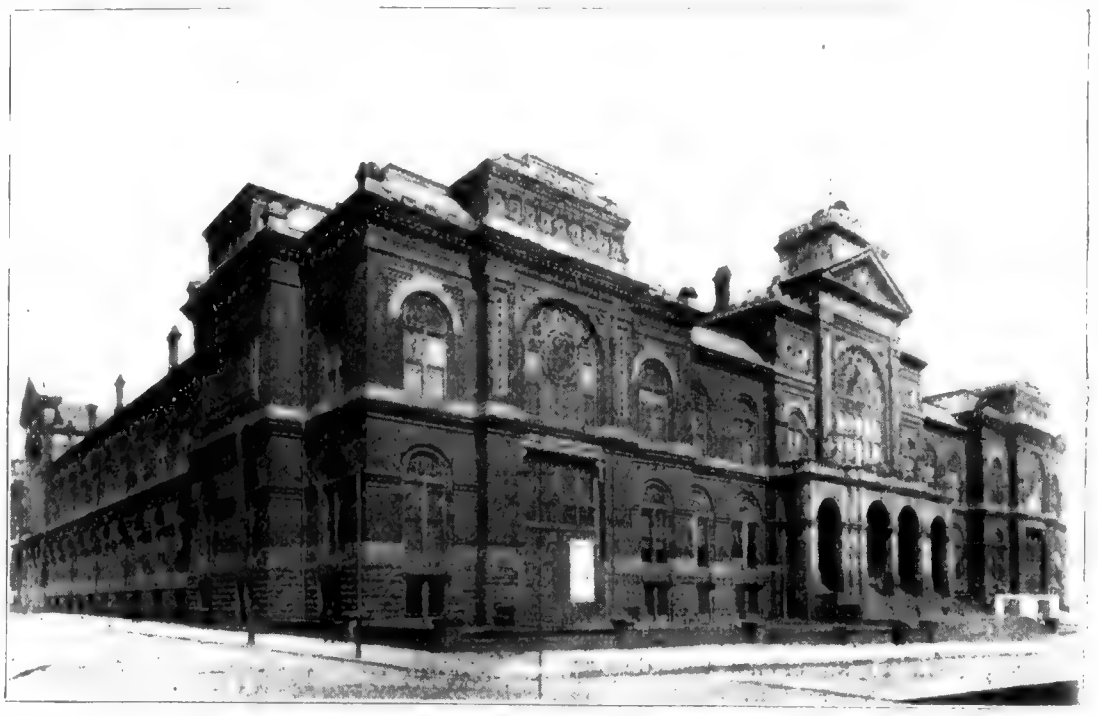
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per 100 in small lots. Good peas can be bought for $3.50 per 1000. A few Harrisii and callas were still to be had the past week. Plenty of greens of all kinds except long asparagus strings. Prices remain as usual for this stock.

Various Notes.

Visitors in town the past week were J. Steckler, C. R. Panter, president and secretary respectively of the Louisiana State Horticultural Society; A. Kerlec, seedsman of New Orleans, La.; Herbert Heller and wife of New Castle, Ind.; Harry Balsley, Detroit, Mich.; Hunter Hough, Paducah, Ky.; George M. Kellogg, of Pleasant Hill, Mo.

At the dedication of the Indiana building at the World's Fair the place was handsomely decorated with 5,000 American Beauties furnished by Heller Bros., of New Castle, Ind. Herbert Heller was here in person to supervise the decorations.

The Missouri building at the World's Fair was also dedicated the past week. The flowers used in this building were furnished by George M. Kellogg, of Pleasant Hill. The decorations consisted of roses, carnations and peonies.

Ostertag Bros. furnished the decorations at the Kearns mansion for the reception in honor of Miss Roosevelt last Thursday. They also decorated the Catlin mansion last week for a similar affair.

The Ellison Floral Co. furnished 600 American Beauties for a reception given at the Japanese building last week.

Otto Koenig, of the Koenig Floral Co., and treasurer of the Florists' Club, was kicked by his horse the past week, which will keep him indoors for several days.

At the committeemen's meeting the past week in the Exposition building a great deal was done regarding convention work. Henry Ostertag, chairman of the decorating committee, has his plans for decorating both halls. Frank M. Ellis, chairman of the hotel committee, reported quite a lot of applications for hotel accommodations. Supt. Kuehn and his assistant, Fred Meinhardt, report plenty of applications for space. Otto Koenig could not be present owing to sickness. Carl Beyer, R. F. Tesson and F. C. Weber failed to report. J. J. Beneke, who has charge of the souvenir book, reported a great deal of space taken. J. F. Ammann of the reception committee, reported progress. The committee will meet again this week Thursday in the Exposition building at 2 o'clock and every Thursday hereafter until convention time.

The first Sunday opening of the year of Missouri Botanic Garden, better known as Shaw's Garden, was June 5. The largest attendance that ever gathered at this famous place was recorded. It was estimated that no less than 26,000 persons entered the gates between the hours of 2 and 7 p. m. The greatest attractions were the cactus and orchid collections. The orchid collection alone consists of no less than 1,200 species and is under the care of E. G. McClure. Prof. Trelease, Prof. Irish and a host of students, who acted as guides, were very attentive and especially so to the ladies. The flower beds in the garden also attracted a great deal of attention from the visitors.

Will Craig, of the firm of Robert Craig & Son, Philadelphia, is spending a few days in St. Louis selling palms and taking in the sights of the World's Fair.

Bowling.

Team No. 1.	1st	2nd	3rd	T'l
Beneke	169	127	166	532
Miller	172	192	180	544
Ellison	178	189	140	507
Weber	146	154	136	436
Gerlach	106	135	95	336
Totals	771	807	717	2,355

Team No. 2.	1st	2nd	3rd	T'l
Kuehn	157	136	178	471
Beneke, Jr.	154	155	150	459
Beyer	144	141	123	408
Ellis	114	158	129	391
Meinhardt	106	121	135	362
Totals	675	711	715	2,091

Ladies.	1st	2nd	3rd	T'l
Mrs. Miller	145	156	124	425
Miss B. Meinhardt	115	78	94	287
Miss E. Meinhardt	69	77	131	277
Mrs. F. M. Ellis	70	78	70	218
Mrs. F. C. Weber	75	54	60	195
Miss T. Meinhardt	80	74	83	237
Miss L. Meinhardt	75	104	158	337
Mrs. C. Beyer	128	123	123	374

J. J. B.

BOSTON.

The Market.

The usual drop in prices followed Memorial day, but for several days there was no great surplus, owing to cool, cloudy weather. The market is rather dull at present, but weddings and class graduations will tend to bring it up during the balance of the month. Beauties hold at from $4 to $12 per 100, Brides and Bridesmaids from $4 to $6. Carnations are in heavy supply at from $1 to $2, a few fancies selling higher. Single peonies have been plentiful the last few days and double varieties are now coming in freely. They sell quite well, pink and white shades going best. A good many nymphæas are now seen in the windows, while bunches of herbaceous flowers, such as oriental poppies, German iris, etc., are noticed. Some salpiglossis is seen in one or two stores.

Rhododendron Exhibition.

The annual rhododendron show was held on June 4 and 5 and, contrary to expectations, proved to be a remarkably good one. While rhododendrons have been seen more numerously, there was a fine show of these considering the damage done to the plants and flower buds the past winter. For twelve trusses of unquestioned hardiness Wm. Thatcher, gardener to Mrs. J. L. Gardner, won with the following varieties: Sherwoodense, Schiller, Everestianum, roseum grandiflorum, speculatum, Caractacus, purpureum elegans, Generic, album elegans, roseum pictum, delicatissimum and Blandianum. The same exhibitor won for six trusses. T. D. Hatfield, gardener to Walter Hunnewell, won for twelve and six trusses of tender varieties. The same exhibitor was awarded a silver medal for a display of several hundred bottles of hardy and tender varieties. W. C. Winter had a nice lot of named varieties.

For hardy azaleas Wm. Thatcher and T. C. Thurlow took the prizes with fine displays. There was the finest display of German iris seen for years. For thirty-six vases T. C. Thurlow, H. C. Merriam and W. Whitman, M. Sullivan, gardener, won. The varieties Her Majesty, from F. J. Rea, a beautiful pink, and Madonna alba, from H. C. Merriam, received honorable mention. Wm. Thatcher had the best display of single and double pyrethrums and also in the class for display of cut branches of ornamental trees and shrubs, showing 120 varieties. W. A. Riggs, gardener to E. A. Clarke, and Warren Heustis were second and third, each showing over 100 varieties. There was keen competition for thirty varieties of native plants, the prizes going to Mrs. Arthur Clarke, Mrs. A. S. Colbourn, the Misses Doran, Miss A. E. Shattuck and Miss K. Buitta.

There were numerous miscellaneous displays. R. & J. Farquhar & Co. filled the center of the lecture hall with a splendid group of palms, rhododendrons (including some fine Cunningham's white) azaleas, coniferæ, Nephrolepis Piersoni etc. T. D. Hatfield had a group of rhododendrons in pots, comprising fine plants of Lady Gray Egerton and delicatissimum, also a fine lot of Calla Elliottiana, plants two years old from seed.

Lager & Hurrell had a nice group of orchids, comprising Lælia tenebrosa, Cattleya Mendelli, Lælia purpurata, Dendrobium transparens, and other seasonable varieties. E. J. Mitton, J. Lawson, gardener, received a cultural certificate for a finely flowered pan of the rather difficult Lælia majalis and E. O. Orpet, gardener to E. V. R. Thayer, a similar award for some superb Odontoglossum crispum, the plants being all grown in pure fern fibre, leaf-mold culture having been tried and abandoned. These are the finest spikes seen in Boston for years.

Harvard Botanic Gardens had a fine group, with Clerodendron Balfouri as a center piece, numerous fuchsias including the graceful F. gracilis, Asparagus Sprengeri, etc. Mr. Cameron also staged a magnificent lot of hardy perennials, filling sixty feet of table, which was the star feature of the show. J. B. Shurtleff had a collection of twenty-three varieties of aquilegias, B. P. Ware a table of Moutan peonies, Mrs. E. M. Gill and Mrs. J. B. Lawrence nice general displays, C. W. Parker and others Iris Germanica. There was a fine display of seasonable vegetables.

The annual peony show occurs on June 11. There will undoubtedly be a grand show, as peonies never looked so well as at present. In addition to the regular money prizes, medals are offered by Kelway & Son, of Langport, England. The rose and strawberry show occurs on June 21 and 22 and promises to be much above the average.

The Boston Park System.

Never has the extensive Boston park system looked better than at present. The copious rains have given a luxuriance and richness to the foliage better than we remember to have seen before. It is necessary to spend a whole day on the thirty miles of driveways and seventy miles of pathways contained in the 2,500 acres comprising the Metropolitan park system. Superintendent Pettigrew has just completed an extensive block of stables, store rooms, carpenters', blacksmiths' and other shops, engine houses, etc., and is grading and planting around the same.

The growth being made by the oaks, lindens, ginkgos, elms and other trees planted by the thousands by Mr. Pettigrew during the last seven years is remarkable and his development of the park system commands the admiration of everyone who can appreciate the immense work he has done here and also can see at a glance that all his planning is not merely for present effect but for the benefit of future generations. Interesting as the system now is, it will



House of Palms at the Establishment of Albert Fuchs, Chicago.

become increasingly so, for having now got the system into shape Mr. Pettigrew will each year introduce groups or colonies of newer and more choice subjects in suitable locations. Fine blocks of trees, shrubs, and perennial plants are contained in the nurseries and Boston will undoubtedly continue to lead the country with her park system.

Various Notes.

The garden committee of the Massachusetts Horticultural Society made the first visit of the season, on June 7, to the beautiful estate of Walter Hunnewell, of Wellesley. They found the fifty acres of grounds in first-class order. While the hardy rhododendrons and azaleas were prime attractions, the herbaceous plants, lawns, Italian garden and numerous handsome trees and shrubs were admired. The extensive display of Azalea Indica, tender rhododendrons, pelargoniums, hydrangeas, Calla Elliottiana, and other indoor plants were also a great attraction. In the orchid houses were found a fine display of cattleyas, odontoglossums and miltonias, the latter probably the finest in the country. Fern fibre is preferred to leaf-mold as a compost for all orchids.

Kenneth Finlayson has been quite seriously sick with inflammatory rheumatism for the past month and his many friends wish him a speedy recovery.

The regular meeting of the Gardeners' and Florists' Club occurs at Horticultural Hall on June 14. There will be no meetings during July and August.

Geraniums to the number of 35,000 have recently been planted in the public gardens. The following varieties are used: Double and single General Grant, La Favorite, S. A. Nutt, Gloire de France, rose color; Mme. Thibaut, Duc de Mortimer, Beaute Poitevine and King Olga. The rhododendron and azalea beds are attractive. A display of 20,000 foxgloves in Copley Square will make a good showing in a few days.

There have been some fine wedding decorations during the past week. At the Thayer-Russell wedding in South Lancaster, Doyle used hydrangeas, lilies, Beauty roses and palms chiefly. A large bank of splendid Odontoglossum crispum grown by Mr. Thayer's gardener, E. O. Orpet, was a feature in the church. Miltonias were used as center pieces on the breakfast tables. Peonies and field daisies are being largely used this week. Hardy roses will succeed them in a few days.

W. N. CRAIG.

BUFFALO.

The Market.

It is rather late to report on Decoration day. My idea of it is that, if anything but a soaking rain all day had been sent us, we should all of us have been very busy. The business lost in cut flowers on that day is gone, never to be recovered. If a person wants to order a box of flowers for his best girl, or order his vase filled or flower garden fixed up he will do it by telephone or wait for a fine day, but the thousands who would visit our cemeteries and take along a bunch of flowers, cannot venture out, save their money and we are "minus." Still, these are only the ups and downs of business, and what did the baseball magnates lose and the other caterers to public recreation? It is all forgotten, and business has since been good. There has been no event calling for special floral decorations of late, yet a good, steady demand. The cool, wet days about Decoration day cooled the ardor of those wanting their flower beds filled. We are always late in the bedding business in this city and the last few days, and the week to come, has meant long and busy hours for all the plantmen. While flower gardening in its proper sense, and the usual planting and ornamental plants, will be in volume about as usual, the use of the veranda box seems somewhat on the decline.

Various Notes.

The quantity of bedding plants that Park Superintendent Braik and his assistant, John Cameron, turn out of their limited amount of glass is truly remarkable and quality cannot be beaten. A big force will soon complete the job of planting.

A very short visit to South Park found Prof. Cowell at home and he was also busy with the flower gardening department. That is, of course, only a small feature in the Botanic Garden, but the masses like masses of gay colors and they get it in long lines of as fine a lot of zonale geraniums as the writer ever saw planted out, and they were mostly of those two matchless varieties, Nutt and Perkins. The public ought and does appreciate the mammoth conservatory and its varied contents. Botanically it is a great collection and appeals to all classes, to him who wants to study palms, orchids or ferns or she who is more interested in a bunch of bananas or coffee on the bush.

We had a visit from Peter Crowe, of Utica, last week and we paid a visit to Croweanum Kasting. Mr. Kasting has been late at his office for the past few mornings. Don't blame him; a twelve pound girl recently arrived, which is an attraction that will keep any young father lingering at home. All parties are doing well and the young lady will be christened Jasminum Elegantissima Filicifolia Robusta. All this will be abbreviated in after years to "Sweet Jas."

An insurance agent met us at the door of the commission house and after a "good day" said: "The boys inside showed me a red spider that eats the American Beauties; dreadful thing is it not?" We replied, "Oh, yes," thinking that he had been showed the injured foliage of the roses. But what was our surprise on looking at a large vase of western Beauties to be told by one of the smart young salesmen that they had just caught a red spider. Mr. Crowe asked how big it was and the young man indicated its length by marking off two inches of his little finger, Mr. Crowe pronounced it the leaf roller and I gave it the temporary name of Rosasis Brukerii. Nothing like being posted on the enemies of roses. The best cure for this variety of red spider is hand picking or a machine gun.

Charlie Gunther is still sending in fine Bridesmaids and very fine Kaiserins.

W. J. Palmer & Son are making a lead of President Carnot roses. As a winter bloomer this beautiful rose was a failure and it took several years for the public to fancy it, but now it goes well in summer time.

Buffalo has a high-toned race track now and society is to patronize it, so it is to be a little Saratoga. This is not horticultural news and is inserted merely to acquaint brother florists who have sporting blood, that June 6 they can begin to study the dope. W. S.

NEW YORK.

The Market.

The month of roses was ushered in by wedding bells. Society contributed seven brilliant weddings to the opening day, church weddings most of them, with fine floral decorations, the peony especially being in evidence. Orange blossoms, white orchids and lily of the valley were used profusely. Many of the prominent retailers had a share in the festivities. The month of June will doubtless, with its weddings and ocean voyages, do much to even up on one of the most disastrous Mays on record. The past week has been a stunner; shipments immense, quality deteriorating, demand microscopical, and now the present week opens with about 100 degrees of heat and mildew rampant and prices tending downward, except with lily of the valley and the higher grades of Beauties. Lilies are still very abundant and carnations can be had at your own price.

Peony Doings.

This is peony week in New York, not only in the cut flower section but up at

Bronx Park, where on Wednesday and Thursday the summer meeting and exhibition takes place under the auspices of the Horticultural Society of New York. Added to their display of roses, strawberries and peonies will be the exhibition of the American Peony Society. At 3 p. m. Wednesday a public meeting will be in charge of the Peony Society, when papers on this popular flower will be discussed. Afterwards the museum, herbarium, library, greenhouses and laboratories will be open for inspection. Valuable prizes will be awarded for exhibits, among them a gold medal for the collection of the largest number of varieties of herbaceous peonies. Many of the leading growers of this flower are expected to be at the meeting, from Nebraska, Chicago, Cleveland, Massachusetts and Rochester, as well as the nearer cities of Philadelphia and Boston.

Next Monday evening at the rooms of the New York Florists' Club another peony exhibit will be made, this being the last regular club meeting for the summer. There will also be an exhibit of strawberries with cream and the ladies are specially invited. John Birnie has a "surprise" for the occasion and some fine vaudeville talent will add to the evening's enjoyment. Several peony experts are expected to address the assembly and preparations are being made to accommodate an attendance of 300.

The Plant Market.

A call at the plant market last Saturday morning at 2 o'clock was an interesting experience. Even at that early hour a large number of growers were on hand and several buyers were already selecting stock for the day's requirements. Later the numbers rapidly increased and before 3 a. m. the business was in full swing and a majority of the stock engaged. The veteran Johnny Weir, who never sleeps, was one of the earliest and most wakeful buyers. Mallon, of Brooklyn, and Wadley & Smythe, of New York, had representatives on hand early picking up some choice goods. Prices are very reasonable and the quality was superb. The new market is still the topic of interest. That very morning the comptroller had sent a message asking the attendance of a committee to confer with him. Up to date this year 132 different growers have brought their plants to the market and the average attendance eighty-five. Outside of the tents a good many utilize the spaces, paying a nominal rental of $1 daily, or $15 for the season. Fritz Dressel and A. Schultheis have their stands on the outside.

L. H. Eisenburg ships a good deal to adjacent towns and cities, making heavy purchases daily. Steinhoff still has a fine display of Crimson Ramblers now selling at popular prices. He has disposed of 20,000 this year ranging in prices from $25 to $1. Lehnig & Winnefeld had a fine display of petunias. R. Dreyer brought lilac, privet and hydrangeas in pots, Charles Hunt made a fine exhibit of pansies, sometimes disposing of 200 boxes in a morning. Leach had an abundance of yellow daisies and petunias. Darsley, Harrison, Hunt and Daly Bros. all had geraniums. John Birnie, the "foundation stone of the structure" these many years, maintains his record as the verbena and fuchsia king of the market.

These are strenuous hours, 2 a. m. to 7. It seems as though the necessity for such an unnatural start might be avoided. Day after day for months this turning night into day is maintained. How the regulars preserve their health and stay in a business that makes such a system a necessity it is hard to understand. The new building will inaugurate a different system, more modern and less unreasonable let us hope, and that it's early completion may be announced is the universal desire of the trade.

Various Notes.

Traendly & Schenck have removed to their new building, 44 West Twenty-eighth street, where they will have 5,400 square feet of floor space, double counters, electric lights in store and basement and all the modern conveniences. Ten years ago the firm commenced business at this very address and now they have a long lease of the entire four-story building and will doubtless make this their permanent abode. Their business shows a steady increase.

Young & Nugent handled last week some of the finest Cattleya gigas the New York market has seen, readily demanding 60 cents. Their daily shipmets of Liberties show no diminution in quantity.

John Scott, of Brooklyn, is now shipping his new fern, Scottii. The advance orders have been enormous. The stock in 6 to 14-inch pots for the retail trade is now being grown for early fall distribution. The future of the fern seems assured.

R. M. Ward, the importer, left for a European trip on May 31, via the steamer Crown Prince.

H. H. Berger & Co. report an immense sale of fancy leaved caladiums from Brazil.

The auction sales are still well attended. Bedding stock brings excellent prices. A few more weeks will see the close of a very prosperous season.

George M. Stumpp, of the Stumpp & Walter Company, has returned from a week's visit at the St. Louis exposition. Mr. Walter is there now. The exhibit of the firm will interest conventionists. A special exhibit will also be sent in August. Mr. Stumpp speaks highly of the exposition and enjoyed its many interesting features exceedingly. He suggests the securing of room accommodations by the S. A. F. visitors from New York well in advance of their arrival.

Charles Zarembo, of West Hoboken, a florist 60 years of age, had the misfortune to lose his barn and greenhouses by fire Friday, May 13, and a subscription has been raised by his friends in the trade toward making another venture possible. P. Owerkert, of Jersey City, has consented to act as custodian of the subscriptions made in Mr. Zarembo's behalf.

Bowling.

It is impossible yet to state the exact make-up of the team that will bowl at St. Louis, but a fair guess would make it Lang, Traendly, O'Mara, Siebrecht, Ford and Guttman.

The Bowling Club is well pleased with the new alleys and the attendance, considering the heat, is encouraging. The prizes donated for high scoring by Capt. Lang were won by himself and William Siebrecht. The intense temperature for the present week is likely to reduce enthusiasm. Scores last Tuesday were as follows:

Fals	82	92			
Guttman	157	122	120		
Gibbs	111	163	147	111	
Nugent	78	179	85	139	
James	135	150	128	125	
Lang	122	188	132	118	134
Butterfield	114	122	150	124	103
Siebrecht	146	134	181	154	155

J. Austin Shaw.

CHICAGO.

The Market.

Conditions changed for the worse during the later days of last week and the market now has so much poor stock it is impossible to sell it all and so little good stock that wholesalers hold on to it for country customers and cannot get enough. There is a fair out of town demand, because of the large number of spring weddings and the annual school closings and local trade is reasonably active by virtue of the same causes. There are great quantities of roses coming in, but very few of them are of a quality which will permit their use in the better class of work. The good roses, if they may be called such, bring a very fair price but the larger end of the receipts is sold to the Greeks by the wagon load. Some of the carnations are good for so late in the season, but lack keeping quality, as has been the case for some little time, and many complaints come from the buyers. Another part of the carnation receipts is worth little or nothing upon arrival and generally goes to the dump, so the average is very low indeed.

Peonies did better last week than had been expected. The southern crop came to an abrupt end and left a few days interval before the local cut was ready. Up to Monday prices were fairly firm; the exception to this was the poorer grades, the single varieties and the Old Red which came in large quantities. None of these were salable. The local cut has been heavy this week and prices vary widely.

Longiflorum lilies are still one of the problems on the hands of the wholesalers and valley is another. Spring weddings are taking a great deal of indoor valley at a fair figure but there are very large receipts of the outdoor stock which are moved with difficulty. The outdoor tulips are at an end. Sweet peas of good quality command a fair price, but the indifferent and low grades, which predominate, are not wanted. There are large supplies of feverfew, daisies, pansies and candytuft. Still a few jasmines, lilacs, etc., none of which are in active demand. New ferns are coming in. Asparagus strings have shortened up, but smilax is fairly plentiful, the reverse of the condition which has maintained for several months.

Various Notes.

It is announced that the Albert Fuchs auction sale, beginning next Wednesday, will continue from 2 to 7 p. m. to give everybody a chance.

Peter Weiland writes that he struck good business at Cincinnati at the time of opening his new wholesale store, it being the week of school closing, but since then business has been quiet. He is putting his peonies in cold storage.

Mr. and Mrs. Harold McCormick last Thursday gave the most elaborate garden party Chicago society has ever known. They employed an architect to

Lily of Valley.

We are receiving some
EXTRA SELECTED cut VALLEY
that will please the most critical.

E. H. HUNT, 76-78 WABASH AVE., **CHICAGO.**

plan the decorations of the grounds and gave the Geo. Wittbold Co. the order for the floral work. Hardy outdoor stock was used in enormous quantities, it being reported that the Wittbold Co. received $2,000 for the job.

Joe Curran keeps a very nice window at his Michigan avenue store, formerly the Johnson & Swan stand. Recently he had a lot of very fine Prosperity carnations in one of Hunt's birch bark vases.

J. B. Deamud is getting in heavy supplies of peonies from Jas. Hartshorne, of Joliet. The singles are very beautiful flowers but are not wanted in quantity by the retailers. Some of the double varieties are excellent. The Festiva maxima has been selling at $1 per dozen this week. Geo. Piepgras is now with Mr. Deamud.

Geo. Reinberg is getting a very large cut of Liberty roses of good quality. He is so well satisfied with this variety that it is being planted largely for next year.

An occasional azalea is still seen in the market.

The F. Blondeel Co., at Oak Park, is getting a big cut of carnations of very fair grade.

John Mangel was granted a divorce from his wife on June 2.

Kennicott Bros. Co. is getting in nice candidum lilies and reports fair sale. They had an order for 10,000 daisies for Tuesday and got most of the stock in the house before a telegram came to cancel, the customer had lost his order.

J. A. Budlong says young rose stock has been selling much slower than usual this year; he is offering Beauties at the price asked for teas a year or two ago.

Benthey & Co. are getting a fine cut of long Beauties from stock cut back in March.

Albert Amling certainly isn't losing money on "green goods," not if a new automobile is a sign of prosperity.

Peter Didier, brother-in-law of N. J. Wietor and well known to many in the trade, died on Monday.

The boys from the Growers' Market played a game of baseball on Sunday with a team of the employes of the wholesalers in the Atlas block and defeated them 24 to 18. The teams were as follows. Market. Jno. Evert, ss; Nick Evert, p; P. Sinner, cf; Jno. Paulus, 2b; Frank Pisternick, lf; M. Kinney, c; Baldwin, 3b; A. Marie, rf; Arthur Blewitt, 1b. Atlas, Dick Rolston, c; Frank Potocka, 3b; C. Newton, p; M. Freres, 1b; Robt. Northam, ss; J. Pricket, rf; H. Manheimer, cf; Bruce, lf; T. Carr, 2b. The winners offer another game June 19.

Visitors: Mrs. A. L. Glaser, Dubuque, Ia.; Mr. Thompson, of Detroit, Nicotine Co., Detroit.

FORGET not these June weddings, the commencements, the school exercises. Remember the yards and yards of WHITE RIBBONS which are used on the decorations of the church, the house, the table.

The Right Ribbons are the WHITE RIBBONS which you should use, because of their superior lustre, firm touch, pure white. And yet—the cost is less than usual, for "you save all between profits" when you buy from

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CONQUEROR—Metallique Taffeta—CYCLONE

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Bowling.

Following are the scores made Tuesday evening, June 7:

Player.	1st	2nd	3rd	4th	5th	T'l
Hauswirth	138	126	136	161	187	748
Degnan	183	123	166	167	157	706
Bensch	136	111	86	125	96	554
Lange	158	138	86	122	137	641
Stevens	148	177	125	203	136	789
Huebner	116	155	164	163	147	745
Scott	191	155	118	146	150	760
Balluff	149	189	156	163	158	815
Asmus	162	153	143	140	146	744

OCEANIC, N. J.—The Monmouth County Horticultural Society, which met here June 3, voted to hold its seventh annual chrysanthemum show at Red Bank November 1 and 2.

ASBURY PARK, N. J.—R. K. Abbott, who has been with the Ralston establishment here for four years, and for many years in the trade, has opened a flower store on Main street, at the head of Wesley lake. At the annual beach opening he presented the city with a six-foot horseshoe of galax leaves and Lawson carnations.

OTTAWA, ONT.—H. Wright is building two very large houses, 25x400, connected.

TEXARKANA, TEX.—The Rose Hill Floral Co. is a new concern in the business here.

JERSEY CITY, N. J.—Arthur E. Rendle, the greenhouse architect and builder, has instituted suit against Howard Gould to recover $33,000 for work on the expensive greenhouses at Castle Gould near Sands Point.

OVERVEEN, HOLLAND.—Van Namen Bros., of Zwijndrecht, were awarded a certificate of merit at the May 18 meeting of the Dutch Horticultural Society for winter-flowering stock, Empress Elizabeth. The color is carmine rose and the committee recommended it as a very fine cut flower.

FISHKILL, N. Y.—Benj. Hammond, who is S. A. F. vice president for New York (east), has issued a neat pamphlet which he is sending to members of the trade "to invite you and your wife to join the society." The booklet contains portraits of the S. A. F. officers and John N. May's paper on greenhouse construction read at the Milwaukee convention.

PACIFIC COAST.

Los Angeles, Cal.—The florists are endeavoring to get the city council to take action prohibiting the street venders of flowers from plying their trade, representing that they are an injury to an industry representing an investment of over a million dollars. The Herald arises to the defense of the peddlers.

CARNATION NOTES.

The growers in the vicinity of San Francisco are kept very busy this warm June weather. I made a tour of some of the principal places last week and find everyone in the midst of planting stock in the field. The stock generally looks thrifty. Several of our large growers handle their stock entirely in pots until they are finally planted in the benches. First they are rooted in sand, then transplanted into flats, then shifted into thumb pots; then into 4-inch and finally into 6-inch pots, where they are allowed to grow a couple of months before they are brought into the houses. This method entails considerable more handling and quite an outlay for pots but there is no check to the plants in the final planting and no danger from gophers, a pest with which the California carnation growers have considerable trouble.

Of the varieties that will be planted extensively I find several additions to our regular standard kinds. Flora Hill easily leads in white. This variety seems to fill the bill for California for an all-around white. Prosperity is pronounced by all growers to be a rather shy bearer and although the flowers bring a good figure it does not pay as well as the other variety mentioned. In the neighborhood of Burlingame, however, it is being planted quite freely. I saw several patches of Gov. Wolcott and heard quite a difference of opinion regarding its merits as a paying variety and I think it will be another season before we can tell very much about it. It is a grand flower and brings top prices. White Cloud and Queen Louise I found were favored by some growers and will be grown quite extensively for the coming season.

In scarlet varieties Estelle is away ahead of everything else; fully seventy-five per cent of the bench room reserved for red is given to this kind. Portia is grown only in the smaller places and for the cheaper trade. America seems to have been discarded on account of its dull color, Crane because it is rather shy with us and blooms in crops. I found several growers trying Adonis but they do not seem to be able to tell whether it will be profitable or not. A South San Francisco grower has a very nice lot of Flamingo, which he thinks is going to be one of our coming red sorts. Red Bradt does not seem to be much in favor here; the growers claim that it is a shy bearer.

Mrs. Lawson still holds the first place as an all-around pink variety, although it is subject to thrips more than any other kind and for this reason in some localities it is hard to handle in the summer. This thrips is a queer proposition. In some places, where we have plenty of cool ocean breezes and foggy nights, it is almost unknown and at a distance of a mile or two inland it comes very near putting the grower out of business in the summer time.

E. Schwerin is a local variety and a good one, being a deep rich pink somewhat the color of Lawson. It is grown quite extensively here and is a good paying variety. Crocker is gradually being discarded, as it is only a summer blooming variety. Joost and Scott are planted by the smaller growers and Japanese gardeners. They are both heavy bloomers but bring very low prices. Cressbrook is being discarded also by a majority of the planters. Some claim the color is not stable enough and others say it is a very shy bearer, so it will have to go. Enchantress seems to have only a few friends for about the same reasons. Higinbotham is grown in a few places. It seems to be well spoken of and one grower has stock enough to plant an entire house. It is a very good light pink but not generally known about. Mrs. Nelson comes in for a diversity of opinion also but the general verdict seems to be that it is rather a shy bearer. Triumph is a good variety and will be planted very largely this season. It is of easy growth and makes splendid long stems and big blooms. In yellow and variegated shades many growers do not compete at all. Mrs. Bradt is the best of its class but it had a tendency, the last season, to come very weak stemmed and is not in great favor on that account. John Carbone is one of the best paying sorts and Stella is planted considerably. In yellow Eldorado seems to be the best liked although Gold Nugget will be planted considerably. Mayor Pingree has been thrown out completely I believe. In dark red sorts John Hinkle still is in the lead and a good many Roosevelt are seen.

Some of our growers have experimented with seedling carnations and I have seen several very fine flowers that were raised in this way. A good many novelties are being sent here from the east but it will be another season before we can tell whether they will prove profitable.

G.

SAN FRANCISCO.

The Market.

We have safely passed over Decoration day and from what I am able to learn it was up to the average in business. Saturday seemed to be the busiest day although Sunday was a close second. The retailers sold out well and the growers cut everything very close, so there has been but little brought into town this week. A Sutter street florist told me today that he had not been able to get enough flowers since Decoration day to fill up his windows properly. Of course on a day of this kind there is only a limited demand for fine stock. Most of the stuff sold is hardy outside flowers with the exception of carnations and these, especially the white and pink varieties were in good demand. Sweet peas were the next on the list and the growers, especially the Chinese, ran the price up from 50 cents per dozen bunches to $1 and this is the price the stores had to pay from Tuesday through the week. The bunches were made only about half the usual size and the growers made a handsome profit for a few days. White stocks and Bride gladioli were handled by the thousands. Gaillardias, candytuft, coreopsis, and Shirley poppies had a good run and callas could not be had in sufficient quantity to fill orders. Bachelor's buttons and marguerites cost the stores about 75 cents per dozen bunches and everyone was sold out on Sunday morning, so I think that all told we had as good a Memorial day's trade as I have ever seen in San Francisco.

Various Notes.

John McLaren is about to leave on a long tour of Europe, a holiday he well deserves, as he has been kept very

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Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

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From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

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Burbank's Shasta Daisy Seed
New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

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ASPARAGUS is scarce but we have plenty of SMILAX, $2.00 per dozen, $15.00 per 100. Plenty New Common Ferns.

All Cut Flowers in Season. **SEND US YOUR ORDERS.**

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 6.00
Liberty	4.00 to 8.00
Roses, our selection	2.00
Carnations	1.00 to 1.50
" large and fancy	2.00 to 3.00
Peonies.....per doz., 35c to 50c	
Valley	2.00 to 4.00
Marguerites	.50 to .75
Forget-Me-Nots	1.00
Mignonette, per doz., 35c to 50c	
Sweet Peas	.50 to .75
Callas, per doz. .....$1.00 to $1.25	
Longiflorums, doz., $1.00 to $1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 5.00
Ferns.....per 1000, $3.00	.30
Galax.....per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax .....per doz., $2.00	
Leucothoe sprays	1.00

Subject to change without notice.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

Mention The Review when you write.

For JUNE WEDDINGS and SCHOOL CLOSINGS

A complete line of BASKETS, RIBBONS, etc.

ANNUAL

CLEARANCE SALE.

To close out surplus stock we will offer the following goods at **greatly reduced prices** until sold. Orders filled in rotation. **ORDER QUICK TO INSURE THESE PRICES.**

SPHAGNUM MOSS—Clean and fresh. 5 bales, $4.00; 10 bales, $7.00; 25 bales, $16.50

WHEAT SHEAVES—Per dozen: A, $1.40; B, $2.25; C, $3.25; D, $4.50; E, $5.50; F, $7.00; G, $9.00.

RIBBONS—Best florists' satin, all colors, per bolt: No. 5, 40c: No. 9, 75c; No. 12, $1.00; No. 16, $1.15; No. 22, $1.35.

CYCAS LEAVES—Best imported stock. 24-inch, $1.10 per doz.; 40-inch, $1.80 per doz.; 24 to 48-inch, assorted, $10.00 per 100.

CANE STAKES—4 to 8 ft. long, $4.00 per 1000.

BASKETS—All kinds in assortments, $5.00, $10.00 and $25.00, 10 per cent. less than regular prices.

TIN FOIL—Either 5 or 7-inch. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $2.00; 100 lbs., $8.00.

TISSUE PAPER—"American Beauty" per bundle, $4.50.

No Quantity less than those named at prices quoted.

Successor to MCKELLAR & WINTERSON.

E. F. WINTERSON CO., 45-47-49 Wabash Ave., CHICAGO.

E. F. WINTERSON. ..... JOHN P. DEGNAN. ..... L. H. WINTERSON.

Mention The Review when you write.

busy as superintendent of the city parks for many years.

J. Seulberger, of Oakland, has sold his Seventh street establishment to John Campiana and N. Rolleri and will in future devote his entire attention to his Fourteenth street store. Mr. Campiana was connected with Mr. Seulberger for a number of years and has the florist business well in hand.

Sievers & Boland report their shipping business for Decoration day to be the largest they have ever handled. G.

PORTLAND, ORE.

Proper observance of Memorial day was shown here and never before were there so many flowers used. As one of our cemetery superintendents stated, there were wagon loads of beautiful roses, the graves being literally covered. But the florists did not reap the usual harvest because of so much outdoor stock. Everybody had a garden full of flowers and local trade suffered in consequence. It was the out of town orders which kept us busy, the demand being the greatest in years. Distance is not considered by some people and Oregon roses were shipped as far as Montana, Nebraska and Iowa. There were many varieties of common though beautiful flowers to be had in abundance, but they did not prove a profitable investment to the florist. The first sweet peas on twelve-inch stems were ushered in the week preceding Decoration day and became so plentiful as to sell on the streets for 10 cents a big bunch. A few hundred fine white peonies retailed at $1.50 per dozen. The city was almost bombarded with bachelor's buttons, which grow as abundantly here as sunflowers in Kansas. Thousands of them were handled by the street venders, who were out in full force. H. J. M.

CLEVELAND.

August Schmitt has been in poor health for some time and on the evening of June 1 shot himself through the head while in bed. The flash from the revolver is supposed to have set the bed clothing on fire and when the family, who were absent, returned home in the evening they found the building in flames. The fire was extinguished but not before Mr. Schmitt's body was badly burned. He was 63 years of age.

The Cleveland Floral Co. has been licensed to incorporate with a capital of $30,000. The incorporators named are C. W. Fuller, J. L. Bradley, L. R. Canfield, J. A. Cline and E. L Hatfield. The company is to take over the business of the Grant-Wilson Floral Co.

GIBSON CITY, ILL.—Swan Peterson has sold a large quantity of bedding stock to the Wabash Railroad for use on the station grounds.

BROOKLYN, N. Y.

Richard Shannon, whose florist's establishment is at Greene and Franklin avenues, is figuring in the newspaper accounts arising from the trouble at the Merchants Bank occasioned by the failure of Woodend & Co., brokers. It seems that Mr. Shannon is not only a florist but a capitalist and a director in the bank. He had recently a considerable amount of collateral in the bank and instructed its president to sell 100 shares of Sugar stock for his account. This the president did through Woodend & Co., realizing $12,800 which the brokers failed to pay over to the bank, claiming that its president was indebted to them. Then the brokers failed and the florist inquired of the bank as to where he was to get his money. It resulted in the resignation of the bank president and, although the florist is a director in the bank, he will probably have to sue to get his money.

HARTFORD, CONN.—George S. Osborn, who is still in ill health, is closing out his business. The real estate has been sold, also the greenhouses, which are being removed.

NORTH MANCHESTER, IND.—Harry White has bought the glass and business of the North Manchester greenhouses and will shortly move his glass from his former location near Wabash.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

M. C. Reynolds, of Phoneton, O., secretary of the Albaugh Nursery Co., is dead, aged 62 years.

W. A. Peterson, Chicago, is at New York and attended the meeting of the American Peony Society this week.

Len Small, of A. L. Small & Son, nurserymen, of Kankakee, Ill., has been nominated as the republican candidate for state treasurer.

The cherry is one item for which nurserymen may with confidence count on good prices for some seasons. Stocks are light and demand heavy.

The bay tree is steadily rising in popular favor and those nurserymen whose importations were larger than ever this spring found a ready market.

This is the season at which the peony occupies the attention of many nurserymen. There has been big business in this line in the last few years.

The American Park and Outdoor Art Association is holding its annual convention at St. Louis this week. Few nurserymen have attended since the first year or two.

The large loss of stock on private estates during the past winter has brought a considerable demand for specimen plants of many species to fill gaps in plantations. Very good prices are being paid for stock for immediate effect.

Edwin H. Riehl, the nurseryman near Alton, Ill., is introducing a new strawberry known as No. 28, which is a cross of Brandywine and Ruby. It is an extra large, early variety, of good shape, fine color, firm and sound and of large producing quality.

BUILDING AND PIPING.

I want to build two greenhouses 18x 50 feet, with side walls five and one-half feet high and ten feet to ridge. The houses will run east and west, the south house to be used for carnations, the other for mixed stock. There will be three benches in each house. I have a No. 15 Hitchings boiler. Will it be large enough to heat the two houses when it is about zero outside? The carnations will require 50 and the mixed stock 65 degrees. Would it be advisable to put in an emergency boiler? I have 4-inch boiler flues for the north house, also a lot of 1-inch pipe for the carnation house. How many flows and returns will I need? Or how many 3-inch boiler flues will it take? I can buy these cheap. How should I run the pipes? Should I build even or three-quarter span? The ground is level and the houses will, of course, have a partition wall. C. J. L.

If the ridge is to run east and west by all means build three-quarter span houses with the long side to the south. Under most circumstances it is best to run the ridge north and south and use the even-span type of structure. To maintain the desired temperature in the "mixed house" with 3-inch boiler tubes it will require nine runs of pipe. A 3-inch riser might be carried under the ridge and eight more runs placed under the benches if the pressure system is to be used. If open circuit is used all of the nine runs can be arranged under the benches. If 1-inch pipe is used in the carnation house a 2½-inch flow under the ridge feeding twenty-four 1-inch returns placed under the benches will be required. It is not advisable to attempt to heat a greenhouse with 1-inch radiation pipes and a hot water plant; the pipes should not be less than 1¼-inch and if 1½ or 2-inch so much the better. If 3-inch tubes are used in place of the 1-inch pipe, arrange the pipes the same as specified for the other house. It is likely that the No. 15 boiler will be large enough but if you wish to make provision for extreme conditions run two lines of 1-inch pipes under each side bench and three under each center bench, a 1½-inch riser under the ridge and connect all up to a four horse-power steam boiler which can be fired in extreme weather. If you have the pipe and can pick up a fairly good second-hand boiler that will safely carry ten to fifteen pounds pressure this will be found to be a very economical plan. The hot water will serve during mild weather and the steam will provide against any possible loss during severe weather if the two are run in conjunction. L. C. C.

PIPING.

Will you kindly tell us how many lines of 3-inch pipe it will take to heat four houses 20x100? Temperature is 58 degrees at night. Also how many lines of 3-inch pipe it will take to heat two houses 10x100? In one house the temperature is 58 degrees at night and the other house for propagating, temperature 55 top and the bottom 65 degrees. Will a 6-inch main be large enough? The height on the large houses to the ridge is twelve feet and the small houses eight feet. A. N. C.

The houses 20x100 feet should each be provided with seven runs of 3-inch pipe and the small houses, 10 x 100 feet, with five lines of pipe. I assume from figures given that hot water heat is to be used and that a water temperature of at least 180 degrees will be maintained. Under these condtions a 6-inch riser, or main, will provide for the houses. L. C. C.

Johnstown, Pa.—The partnership of Schrader & Schmidt has been dissolved and William Schrader will start a new business on his own account.

Aberdeen, S. D.—On Decoration day one and one-half inches of rain fell in a very brief time and C. A. Spink's greenhouse was struck by lightning, about 200 feet of glass being destroyed.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft..... 20.00 "

1000 Coreopsis, strong clumps..... 4.00 per 100.
Achillea The Pearl, strong clumps. 6.00 "
Gaillardia Grandiflora, clumps..... 5.00 "
Golden Glow, strong clumps ..... 2.50 "
Helianthus Maximiliani..... 2.50 "
Roseum ..... 3.00 "

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.

500 OF THE NEW
DOROTHY PERKINS

Pink Rambler Rose, out of 4-inch pots, 12 to 20 inches high, will make fine plants to force for next Easter. $6.00 per 100; $10.00 per 200. Cash with order.

GEO. E. WARD, Beverly, Mass.
Mention The Review when you write.

H. P. AND OTHER ROSES

from 4 and 5-inch pots, fine plants in full foliage. Crimson and Yellow Rambler, Clothilde Soupert, Couquette des Blanches, La Reine, Gen. Jacqueminot, etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots, at 18c; 1-year, from 3 inch, 9c. Clematis Paniculata, from 4 and 5-inch pots, 12c. Ampelopsis Veitchii, 4 and 5-inch, 10c. Perennial Phlox; fine named sorts, 4 and 5-inch, 15c.
PACKING FREE FOR CASH.
W. H. SALTER, ROCHESTER, N. Y.

VAN DER WEIJDEN & CO.
The Nurseries, BOSKOOP, HOLLAND.
NURSERY STOCK. FLORIST STOCK.
Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.
Ask for prices. Catalogue free on demand. No agents.

The Cottage Gardens Company,
INCORPORATED.
Queens, Long Island, New York.
Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.
Mention The Review when you write.

PETERSON NURSERY,
170 La Salle St., CHICAGO.
PEONIES and Hardy Ornamental Stock
Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ UNEQUALLED FACILITIES
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

C. W. McKELLAR



Cattleyas .....$6.00 per doz.
Dendrobiums ....$2.00 to 4.00 "
Assorted Orchids, 5.00 to 25.00 per box.

ORCHIDS

51 Wabash Ave.
CHICAGO

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW THAN EVER. TRY ME.

L. D. Phone Central 3598.

Everything in suitable flowers and supplies for June Weddings and School Closings.

Phone or telegraph your rush orders if you want prompt service and the best stock that is.

PEONIES. The best for JUNE WEDDINGS.
Our stock is guaranteed. Order of
Kennicott Bros. Co.
40-44 Randolph St., CHICAGO.
Mention The Review when you write.

REMEMBER THE SIGN at the Milwaukee S. A. F. meeting:—
"When others fail go to
Kennicott Bros. Co.
they will fill your order."
40-44 Randolph Street, -- CHICAGO.
Mention The Review when you write.

WHY? BECAUSE we always prepare ahead and arrange to be there with the goods when others fail.
PEONIES for JUNE WEDDINGS.
KENNICOTT BROS. CO.,
40-44 Randolph Street, CHICAGO.
Mention The Review when you write.

Those who have not had dealings with us should order their JUNE PEONIES from us for that is the time to test our ability to fill orders. KENNICOTT BROS. CO.
40-44 Randolph Street, - - CHICAGO.
Mention The Review when you write.

WE represent more glass than any other commission dealer.
Order JUNE PEONIES from us.
Kennicott Bros. Co.
40-44 Randolph Street, CHICAGO.

For **June Weddings**
and Commencement Exercises.

PEONIES

We are large handlers of this old favorite flower and can supply them in any quantity.

$2.00 to $5.00 per 100, according to quality and variety.

LILY OF THE VALLEY -- Fancy Selected.

SWEET PEAS, all colors. ASPARAGUS PLUMOSUS, SMILAX, ROSES, CARNATIONS, etc.

Headquarters for HARDY FERNS.

A daily cut from 40 growers. "Highest Qualities" as well as "Under Grades" at ruling market quotations. We can and will supply your Cut Flower wants to advantage. We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.

E. F. Winterson. John P. Degnan. L. H. Winterson. Successors to McKellar & Winterson.

45-47-49 Wabash Avenue, - - CHICAGO.



WIETOR BROS.
Wholesale Florists,
51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good	2 00
" fancy	2 50 to 3 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

BALDWIN, N. Y.—Geo. T. Schuneman has a large field of peonies, from which he usually cuts for Memorial day, but this season they were ten days to two weeks late. Many of the plants suffered severely during the winter, which Mr. Schuneman attributes to the severe cold with no snow blanket over the plants.

Vegetable Forcing.

CUCUMBERS are worth at Chicago from $1.50 to $4 per hundred, leaf lettuce from 15 to 25 cents a case.

LETTUCE growers who have tried it speak enthusiastically of To-bak-ine liquid as a means of keeping the houses free from insects.

SEND IN YOUR QUERIES.

During the hot summer months the vegetable forcer finds himself with empty houses and little to do but plan for next season. If there are any details of the work with which he is not thoroughly acquainted, he should write out a statement of the points about which he is in doubt and send it to the REVIEW. It will be answered by one of the most expert vegetable forcers in the country. This opportunity to get a personal opinion on an individual case is open to every subscriber of the REVIEW. Sign your name, but not for publication.

SOILS FOR CUCUMBERS.

Cucumbers, unlike lettuce, are not susceptible to minute variations in soil texture. A great variety of soils can be utilized successfully for cucumbers if plenty of organic matter is supplied. Those who make a specialty of growing cucumbers under glass generally use a soil made up of three-fourths decomposed sod and one-fourth horse manure. This makes a light soil, containing a large amount of organic matter, which is replenished each year by adding more horse manure.

The fertilizers usually employed are ground bone, wood ashes, and frequently some complete commercial fertilizer. As far as our observations go, cucumbers do not respond so readily to fertilizers as many other plants, i. e., the application of a fertilizer does not manifest itself so conspicuously as in other plants. They do respond, however, quite freely to the influence of sterilized soil. In supplying organic matter to the soil we have frequently practiced sowing some leguminous crop such as white lupine or Canada peas in the beds during August and September when the houses were empty, and turning this crop under before replanting. Both of these plants are rapid growers, and the lupine readily forms large nodules, which, when turned under, supply the soil with nitrogen as well as organic matter.—GEO. E. STONE in Bulletin of Hatch Experiment Station.

SHIPPENSBURG, PA.—The Byer Floral Co. has started building greenhouses and auxiliary structures preparatory to entering the wholesale florist and seed business. They already have quite a stock of vegetable plants.

ELIZABETH, N. J.—In the suit of the Elizabeth Nursery Co. against the Lister Agricultural Chemical Works, of Newark, the jury returned a verdict awarding the plaintiff damages in the sum of $5,782.85. The contention was that the use of impure bone meal in the rose houses caused a loss for which the seller of the fertilizer was responsible.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 22d annual meeting will be held at St. Louis, Mo., June, 1904.

THERE has been no "corn weather" so far.

S. F. LEONARD, Chicago, was a recent visitor at Louisville, Ky.

THOMAS A. COX, of the Cox Seed Co., San Francisco, is on a six weeks' eastern trip.

THE anticipated reports of poor prospects for cabbage seed crops are coming to hand.

ARNOLD RINGIER, of W. W. Barnard & Co., Chicago, has returned from a trip to New York.

REPORTS from the pea growing districts are to the effect that so far everything is satisfactory.

THE sweet corn contest is over. It is said, however, that there still remain a few lots to be picked up at several points in Nebraska.

SUFFICIENT acreage for a normal year's crop of cucumbers has been secured, but this is no assurance that the delivery will be more than twenty-five per cent.

SCARCELY a week goes by without an importer of canary seed protesting that it is free of duty as grass seed. Nordlinger vs. United States (T. D. 24976) decided this contention in the negative.

JAMES G. FICKLIN, of King City, Mo., is known locally as the "blue grass king" as he harvests 15,000 to 20,000 bushels of blue grass in Gentry, Andrew, De Kalb, Nodaway and Worth counties.

FOR twenty years there has not been a season which has shown so much unprepared garden land in the vicinity of Chicago at this date as the present one. This only shows how backward the spring has been.

REPORTS from the different onion set points show the growth far enough along to give something of an idea what the crop may be. At Chicago many fields on the low grounds, where lumps threw the seed drill out, are ragged and uneven. The damp, cool weather of the past week has pushed the weeds along faster than the onions, causing extra expense to keep the ground clean. The crop is two weeks behind last year, with the acreage less, and a prospect for two-thirds of last year's harvest. At Indianapolis and vicinity the acreage is a trifle more than last year, condition of crop not up to last year for evenness of growth and the prospect is for less than last year's harvest. At Louisville, Ky., the stand is not up to the average, some acres plowed up, and original planting less than last year, with the prospect for a crop not as good as a year ago at this time.

THE SEED TRADE.

G. B. McVay, president of the Amzi Godden Co., Birmingham, Ala., writes as follows under date of June 6:

The season of 1903-4, which has just now passed with us, has been a very curious one in several particulars. The demand for goods in our line early in the season bid fair to exceed any previous year's sales, but the unusually cold, dry spring very much retarded our business and the final conclusion has been most unprofitable and unsatisfactory.

The acreage in most all vegetable crops has been largely curtailed, partly owing to high prospective prices for cotton and the unfavorable season for vegetable crops. This is notably apparent in vine seed crops such as melons, canteloupes, squashes and cucumbers. The season has been most unfavorable for the germination of this particular class of seeds, which has something to do with the limited acreage planted.

NEW CROP

SEEDS

PRIMULA SINENSIS FIMBRIATA
(English Grown.)
"The Grand" Mixture .....trade pkt., 50c
Primula Forbesi.. .....trade pkt., 25c

CINERARIA HYBRIDA GRANDIFLORA
(English Grown.)
Hunt's "Special" Mixture, trade pkt., 50c

CALCEOLARIA HYBRIDA GRANDIFLORA
Hunt's Import Mixture....trade pkt., $1.50
All the types, including the self-colored, tigered, mottled, variegated, spotted.

GLOXINIA GRANDIFLORA
Hunt's Extra Select Mixture, tr. pkt., 50c
A mixture of exclusive French hybrids, including Fire King, Defiance, Frederic, etc.

E. H. HUNT,
76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

LILY OF THE VALLEY PIPS
FROM COLD STORAGE
In original cases of 500, 1,000 and 2,500. Prices on application.
CHAS. F. MEYER, 99 WARREN ST. NEW YORK
Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

Bamboo Plant Stakes, Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.
5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.
FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.
FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.
C. H. JOOSTEN, Importer, 201 West St., NEW YORK.
Mention the Review when you write.

Primula Seed

THE VERY FINEST SELECTED STRAIN.

ALBA MAGNIFICA, white, 50c per packet.
RUBY QUEEN..... 50c "
ROSE CARMINE..... 50c "
THE BRIDE..... 50c "
CHESWICK RED..... 50c "
PINK BEAUTY..... 50c "
ROSE QUEEN..... 50c "
BLUE GEM..... 50c "

All our Primula Seed is sold in sealed packets only and contain 150 seeds.



Cineraria Seed

S. & W. CO.'S GIANT PRIZE STRAIN,
Per pkt. (500 seeds), 50c; per 1-64 oz., $2.00

CINERARIA GRANDIFLORA,
Large flowered, prize varieties, splendid mixed, per 500 seeds.....$1.00
Per 1-64 oz..... 3.00

MIGNONETTE MACHET,
Per packet.....25c; per oz., 75c

CANDYTUFT EMPRESS,
Per packet.....10c; per oz., 25c

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

We are now prepared to quote
LILIUM HARRISII,
LILIUM LONGIFLORUM,
DUTCH HYACINTHS
and other Bulbs for florists. Send for prices, stating kinds and quantities required.

ASPARAGUS PLUMOSUS NANUS, $1.00 per 100; $7.00 per 1000.

CYCAS REVOLUTA STEMS, per case of 300 lbs. at 6c per lb.; broken cases at 8c per lb. The stems run from 1 to 5 lbs. each.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.

Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.

Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest CUT VALLEY.

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

RAWSON'S

Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

NOTICE!

It will pay you to watch this space carefully each week. Our special offers are always good value and always seasonable.

THIS WEEK WE OFFER FINE

CYCAS STEMS weighing from ½ pound to 15 pounds each at 10 cents. Also 25 pounds for $2.00; 100 pounds, $7.00.

TUBEROSES Choice bulbs in prime condition, 80 cents per 100; $7.00 per 1000.

Let us quote you prices on Seeds, Bulbs, Plants or Implements.
Send for Wholesale Catalogue.

HENRY F. MICHELL CO., 1018 Market St., Philadelphia.

Mention The Review when you write.

SPECIAL OFFER: Cycas Stems and Gladioli.

Cycas Revoluta Stems, long-leaved variety, 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; 300-lb. case, $18.00.
Stems range in weight from 1 lb. to 10 lbs.

HIGH GRADE GLADIOLI Composed largely of Groff's Hybrids, white and light shades, orange, yellow, striped, variegated, etc. Our CLEARANCE price, $1.25 per 100; $10.00 per 1000. You know their value.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

LILY OF THE VALLEY COLD STORAGE

EXTRA SELECTED PIPS for delivery from now on through the Summer and Autumn, Per 1000, $15.00

LORRAINE BEGONIAS, Healthy Stock, 2¼-inch pots, immediate delivery, per doz., $3.00; per 100, $22.50; per 1000, $200.00. June-August delivery, per doz., $2.00; 100, $15.00; 1000, $140.00

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, NEW YORK.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

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Burpee's Seeds Grow

Mention The Review when you write.

Samuel S. Pennock, THE WHOLESALE FLORIST

PEONIES Ribbons and Supplies

1612 {Ludlow Street, Philadelphia

Mention The Review when you write.

ALTOONA, PA.—Karl Kuny will erect a carnation house 20x100 this summer.

BOSTON, MASS.—Hitchings & Co. have an office here at 819 Tremont building.

LYNN, MASS.—Russell S. Bennett is building a greenhouse for violets and chrysanthemums.

MONTROSE, COLO.—W. H. Franklin and Mrs. Franklin started in the florist business two years ago with a house 20x100 and have worked up a good stock and nice business.

ALTOONA, PA.—A team belonging to Myers Bros., was struck by a trolley car May 29. The wagon was badly broken up but Eugene Myers and John Ewight, who were in the vehicle, escaped injury.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Gasoline engine used for pumping, will raise 300 gallons per hour 50 feet high. Guaranteed to be in good working order; price complete with new battery $40.00. Address W. R. Gray, Fairfax Co., Oakton, Va.

FOR SALE—One 25 horse-power horizontal boiler; one 45 horse-power horizontal boiler; one Marsh Low-Pressure Steam Pump. Write for particulars. O. L. Baird. Dixon, Ill.

WANTED—A first class man to take full charge of 14,000 feet of glass, where a general line of bedding plants and cut flowers are grown for retail trade; state wages, with room and board; references required. Address No. 156, care Florists' Review. Chicago.

WANTED—A reliable florist to take charge of 15 000 feet of glass and grow a general line of first-class plants and cut flowers for retail store trade; must be honest, sober and good worker; send references and state wages with room and board. Address Fred J. King, 220 Madison St., Ottawa, Ill.

FOR SALE—At auction, florists' and market gardening place, 10 a. m. Thursday, June 23, 7,000 feet of glass, steam heat; 25 acres of land; house, barn, stock, tools, crops; near 15,000 population; on electric road; fine chance. A. F. Johnson, Gardner, Mass.

FOR SALE—On account of failing health, well paying retail business; 3,500 feet of glass; steam and hot water heat; two boilers; houses built last summer; two acres of ground; barn and dwelling. For particulars, address City Greenhouse, Newton, Iowa.

WANTED—A first-class, up-to-date designer, decorator and store man; give reference, experience and wages expected. Washington Floral Co., Washington, Pa.

SITUATION WANTED—By young, sober and industrious man; well experienced in roses, carnations, ferns and general work; expect good wages, with board, room and washing; preferred in south or west. Address No. 154, care Florists' Review, Chicago.

FOR SALE—A rare opportunity—The green house department of an Illinois nursery firm, covering about 30,000 feet of glass; located on lectric street car line and three pavedstreets; eight minutes' ride from court house; good local and mail order trade; established over 50 years; population 30,000; four railroads; American and U. S. Express Co's; only two other florists in ty; parties desire to sell on account of other nterests. Address No. 155, care Florists' Review, Chicago.

FOR SALE—Or Rent—Greenhouse in good condition, doing paying business. Address Vern L. Schluraff, Erie, Pa.

WANTED—To buy about 10,000 or 15,000 feet of glass in good condition, vicinity of Chicago preferred; $800.00 cash, balance on time. Address No. 150, care Florists' Review, Chicago.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. If property is not sold will sell stock and lease to responsible party. C. B. Humphrey, Rome, N. Y.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14 000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

WANTED—A first-class florist to take charge of conservatories growing a general line of stock on a large estate near Lexington, Ky. First-class house and liberal salary to proper party. Address with reference and price—Honaker, The Florist, Lexington, Ky.

WANTED—Foreman for section of rose houses (Chicago); must be competent, married man; must answer in person if considered; wages $15 00 per week. Address No. 152, care Florists' Review, Chicago.

WANTED—A good all-round florist for cut flowers and pot plants; wages $12 00 per week. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. 153 care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Cheap for cash, a well-paying florist business. 4 000 square ft. of glass, in city of 18 000. For particulars, address A. Schoepen, Marietta, O.

SITUATION WANTED—Young man, age 17, desires to serve apprenticeship with some florist near Park Ridge, Ill. Chas. Londenberg, 793 W. 14th Place, Chicago, Ill.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. 149, care Florists' Review, Chicago.

WANTED—At once, florist to take charge of small retail place (Texas); $30 per month, room and board, to competent man; references required. Address No. 144, care Florists' Review, Chicago.

WANTED—Florist to take charge of small retail place, to grow carnations, mums and bedding stock; none but steady men need apply; wages $25 per month, board and room; chance for advancement. Address No. 116, care Florists' Review, Chicago.

WANTED—A young man as assistant in greenhouses, must have had experience in general work; be sober and industrious, and able to assist in office at design and floral work; give references and state wages wanted without board. Address No. 134, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant, up to date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 143, care Florists' Review, Chicago.

FOR SALE—A fine house and business. Good paying place. Address T. Kloss, St. Peter, Minn.

FOR SALE—A well-paying, up-to-date greenhouse establishment, in thriving town with 6 railroads, in Central Indiana natural gas belt; best rose soil in country; a golden opportunity for a florist with small capital. Address No. 148, care Florists' Review, Chicago.

FOR RENT or SALE. Modern greenhouse plant and dwelling at Moorestown, N. J., 9 miles from Philadelphia. 4 houses 100x28, propagating house, sheds, barn and cold frames; 2 acres ground. The stock, tools, pots, wagons, etc., will be sold at great sacrifice. Splendid chance for live man. Immediate possession. Joseph T. Sullivan, 429 Walnut Street, Philadelphia, Pa.

Wanted -- At Once

A thoroughly practical man to take full charge of a Fern and Asparagus growing establishment, also to hire and discharge men. None but an energetic man with first-class references need apply. Address

Mrs. D. FISHER, MONTVALE, MASS.

Situation Wanted

By a designer and decorator, second to none. Can furnish the very best of references as to ability. Am capable of taking entire charge of store. The West preferred. Address No. **140,** care Florists' Review, Chicago.

A Splendid Opportunity

WILL SACRIFICE

our well-established retail place located on fine boulevard drive in midst of choice residence section, 20 years in present location with 12-year lease to run. Excellent business. Good chance for party to take hold of **a well-established, paying business** at a bargain. Make us an offer.

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S. MUIR, 3530 Mich. Boul., CHICAGO.

John T. Muir, Mgr.

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Our business, Nursery, Seed and Floral, has grown up to our full financial capacity and is still expanding. We want more capital to use in it. Will take a partner with money to invest, who can furnish A1 references, or we can give good security for a loan. Correspondence solicited.

THE STILES CO.,

Seedsmen, Nurserymen, Florists.

Oklahoma City, Oklahoma.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

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300-306 Dearborn St. CHICAGO.

LEO NIESSEN.

For JUNE WEDDINGS and COMMENCEMENTS
BEAUTIES AND VALLEY

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

PEONIES AND SWEET PEAS. EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.
Mention The Review when you write.

BERGER BROTHERS, Roses and Sweet Peas.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.
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Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, 36-inches and up	$3.00
" " 30 in. stem	2.50
" " 24-in. "	2.00
" " 20-in. "	1.50
" " 15-in. "	1.25
" " 12-in. stem	1.00
" " Short stem	.75
	Per 100
CHATENAY, select	$ 8.00 to $10.00
" medium	4.00 to 6.00
LIBERTY, select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	3.00 to 6.00
BRIDESMAID	3.00 to 6.00
METEOR	3.00 to 6.00
GOLDEN GATE	3.00 to 6.00
CARNATIONS	1.50 to 2.00
ROSES, OUR SELECTION	3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

FOR SALE.

300 4-in. pink and white geraniums, fine plants, $5.00 per 100; 300 Cannas, 4-in., assorted, 5c; 300 Candytuft, 2-in., 2c; 200 Forget-Me-Nots, 3-in. $3.00 per 100; 200 Dusty Millers, 2-in., $2.00 per 100; 200 Mme. Salleroi, 4-in., $5.00 per 100; 500 Snap Dragons, 2-in., $1.50 per 100; Marigolds, 3-in., $3.00 per 100; Asters 2-in., all colors, $1.50 per 100. This is all fine stock. Cash to accompany order.

O. L. BAIRD, - - - Dixon, Ill.

Wholesale Cut Flower Prices.

Philadelphia, June 8.

	Per doz.
Beauties, Specials	$2.00 to $3.00
" Extra	1.50
" No. 1	1.00
" Shorts	.75
Queen of Edgely, Specials	1.50 to 2.50
" " Medium	1.00
" " Shorts	.75
	Per 100
Bride and Bridesmaid, No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Golden Gate, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Liberty, Firsts	8.00 to 12.00
" Seconds	2.00 to 6.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perle	2.00 to 4.00
Sunrise	2.00 to 4.00
Orchids	50.00
Carnations, Commons	1.00
" Fancies, all colors	1.50 to 2.00
" Fancy	2.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
Callas	5.00 to 10.00
Daisies	.50 to 1.00
Lilium Longiflorum	6.00 to 10.00
Lily of the Valley	2.00 to 5.00
Peonies	2.00 to 4.00
Smilax	12.00 to 15.00
Sweet Peas	.35 to .50
Tulips	2.00
Gardenias per doz.	.75 to 1.00
Cornflowers	.50

ALTON, ILL.—M. Klasner says that he gets rid of moles by putting a little sulphur in the runs, setting it afire and stopping up the hole.

WINONA, MINN.—John Wunder, who has been in the business here since 1866, has leased his greenhouses to John and Charles Fulbrugge, who have been in business at La Crosse, Wis., for some time.

Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.

C. F. EDGAR & CO.

WHOLESALE FLORISTS
1516-18 Sansom St., Phila.
Roses, Carnations and Greens.
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WHOLESALE FLORIST.
Everything Seasonable in CUT FLOWERS
1526 Ranstead St., PHILADELPHIA.
Store closes at 8:00 p. m. Long Distance Phone.
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WILLIAM J. BAKER,
WHOLESALE FLORIST,
Carnations, Roses, Sweet Peas.
1432 South Penn Square, Philadelphia.
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Pandanus Veitchii,
12-inch pots, $6.00 each.
JOHN WELSH YOUNG,
Upsal Station, Penna. R. R.
GERMANTOWN, PHILADELPHIA.
Mention The Review when you write.

ROSES High Grade cut blooms at all times
HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
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ORCHIDS.

Arrived in **perfect** condition—Cattleya Mossiae, C. Labiata, C. Trianae, Laelia Crispa, L. Anceps, Oncidium Varicosum Rogersii, O. Crispum, and many more. Write for prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.
Mention The Review when you write.

Coleus 2-in. pots, 15 to 24 in. long, $2.00-100
Alternanthera

Red and Yellow Rooted Cuttings, 60c per 100; $4.60 per 1000. From flats $1.25 per 100; $10.00 per 1000.

VICTOR H. THOMAS, Box 82 Augusta, Ky.

FANCY ROSES AND FANCY CARNATIONS

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

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Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash

Wholesale Florists.

55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices

ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
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WHOLESALE COMMISSION,

The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.

57 W. 28th Street, NEW YORK.

My large shipping trade enables me to command the highest prices.

Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.

Special arrangements this season for the extensive handling of American Beauties.

Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of **$5.00.**

FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, June 6.

		Per 100	
Beauties,	Specials	$12.00 to	$20.00
"	Extra	6.00 to	8.00
"	No. 1	3.00 to	4.00
"	Shorts	1.00 to	2.00
Brides and Maids,	Specials	3.00 to	4.00
" "	Extra	2.00 to	3.00
" "	No. 1	.75 to	1.00
" "	No. 2	.50 to	.75
Golden Gate		1.00 to	4.00
Liberty		2.00 to	15.00
Meteor		1.00 to	3.00
Orchids, Cattleyas		30.00 to	40.00
Carnations,	Common	.25 to	.50
"	Selects	.50 to	.75
"	Fancies	1.00 to	1.50
"	Novelties	2.00 to	3.00
Adiantum	Cuneatum	.35 to	.50
"	Croweanum		1.25
Asparagus	Plumosus, strings	25.00 to	50.00
"	Sprengeri, b'nch	.12 to	.15
Callas		3.00 to	5.00
Daisies		1.00 to	2.00
Gladioli		8.00 to	12.00
Lilium Harrisii		2.00 to	4.00
Lily of the Valley		2.00 to	4.00
Pansies,	per bunch	.01 to	.03
Peonies		8.00 to	12.00
Smilax		6.00 to	12.00
Stocks	per bunch	.10 to	.20

GALAX LEAVES.

Brilliant Bronze or Green, selected stock, $1.00 per 1000; $3.75 per 5,000.

Leucothoe Sprays, assorted sizes, $1.00 per 100. Fancy or Dagger Ferns. Cycas Leaves and all kinds of Florists' supplies at lowest market prices.

L. J. Kreshover, 112 W. 27th St., Tel. 597 Mad. Sq. **New York**
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GROWER OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

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Col. Appleton, Glory Pacific, Polly Rose, Bonnaffon, Jerome Jones, W. Yellow Monarch, White Ivory, $1.25 per 100; $10.00 per 1000.
Cash with order.

H. STAHLHUT, N. E. Cor. New Lots Rd. & Sheperd Av., Brooklyn, N Y.
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Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
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REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
Mention The Review when you write.

National Florists' Board of Trade
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HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar),..... Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 **NEW YORK CITY**
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Florists' Review
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Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

Mention The Review when you write.

ESTABLISHED 1873.

JOHN J. PERKINS

WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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ALEX. J. GUTTMAN,

Wholesale Florist.

Shipments daily all over the country.

Correspondence Suggested.

52 West 29th St., - NEW YORK.

Tel. 1664-1665 Madison Sq.

Mention The Review when you write.

FRANK MILLANG,

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Coogan Building, 55-57 West 26th St. **NEW YORK CITY.**

Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Mention The Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

113 W. 30th St., NEW YORK CITY.

Tel. 854 Madison Sq.,

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Mention The Review when you write.

A. J. FELLOURIS,



Wholesale and Retail Dealer in all kinds of

EVERGREENS.



GALAX, Bronze or Green, $1.00 per 1000.

FERNS, Fancy, $2.00 per 1000. Dagger, 1.25 "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 1431 Madison Square.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Pittsburg, June 8.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	6.00 to 8.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	6.00
" " " Extra	4.00 to 5.00
" " " No. 1	2.00 to 3.00
" " " No. 2	50 to 1.00
Cusin	1.00 to 5.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 10.00
Carnations, Common	.50 to .75
" Selects	1.00 to 1.25
" Fancies	1.50 to 2.00
" Novelties	3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	30.00 to 50.00
" Sprengeri, "	1 00 to 2.00
Callas	5.00 to 8.00
Daisies	.50 to 1.00
Gladiolus	6.00 to 12.00
Lilium Longiflorum	6 00 to 12.00
Lily of the Valley	2.00 to 4 00
Peonies	3.00 to 4.00
Smilax	10 00 to 15.00
Candytuft	1.00 to 1 50
Sweet Peas	.20 to .75

Buffalo, June 8.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.50 to 15.00
" Shorts	2 00 to 4.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 5.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 5.00
Sunrise	2.00 to 4.00
Carnations, Commons	.75 to 1.00
" Selects	1.25 to 2.00
" Fancies	2.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8 00 to 10.00
Asparagus plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Callas	5.00 to 8.00
Gladiolus	2.00 to 4.00
Lilium Longiflorum	5.00 to 10.00
Lily of the Valley	2.00 to 4.00
Mignonette	1.00 to 2.00
Smilax	15.00
Sweet Peas	.40 to .75
Water Lilies	.50 to 4.00

BATAVIA, N. Y.—Florist McGuire, of the New York Central, grew 57,000 bedding plants in the company's greenhouses here this season and now has them planted out along the line.

N. LECAKES & CO.

45 West 29th St., NEW YORK



Tel. No. 1214 Madison Sq. and 53 W. 28th St.



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520 Caxton Building, 334 Dearborn St., **Chicago.**

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Wholesale Cut Flower Prices.

Chicago, June 8.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24 "		2.00
" 20 "		1.50
" 15 "		1.25
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$5.00 to	$ 6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	8.00 to	10.00
" Firsts	4.00 to	6.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Meteor, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Mme. Chatenay, Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Ivory, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Perles, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Carnot	5.00 to	8.00
La France	5.00 to	8.00
Kaiserin	5.00 to	8.00
Carnations, Fancy	2.00 to	3.00
" Common	1.00 to	2.00
Peonies, per doz.	.35 to	.50
Gladiolus, per doz.	1.00 to	1.50
Tulips	2.00 to	5.00
Mignonette, doz.	.35 to	.50
Sweet Peas	.50 to	.75
Easter lilies, $1.00 to $1 50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Valley	1.00 to	4.00
Asparagus strings	40.00 to	50.00
" sprays, per bunch	.35 to	.50
" Sprengeri	3.00 to	6.00
Smilax, per dozen		2.00
Galax, per 1000		1.25
Ferns, per 1000		3.00

LONG ISLAND CITY, N. Y.—Mr. and Mrs. R. Pritchard celebrated their sixtieth birthday anniversaries on May 21, having the assistance of their children and grandchildren, the latter numbering nineteen.

MIMICO, ONT.—Grobba & Wandrey are among the most successful of plantsmen and have had a very fine season. They are planning to add considerably to their glass.

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THE "OLD RELIABLE" FOR
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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

Mention Review when you write. Send for Weekly Price List

Wholesale Cut Flower Prices.

Milwaukee, June 8.

		Per 100
Beauties, Specials		$25.00
" Extra	18.00 to	20.00
" No. 1	12.50 to	15.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, Specials		6.00
" " Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	6.00
Liberty	10.00 to	12.00
Meteors	4.00 to	6.00
Perle	4.00 to	6.00
Carnations, Selects		1.50
" Fancies	2.00 to	3.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Callas		10.00
Daisies	.50 to	.75
Lilium Longiflorum		12.50
Lily of the Valley		2.00
Peonies		5.00
Smilax		18.00
Sweet Peas		.50

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Solicits your orders with confidence that he can serve you to your entire satisfaction.

CURRENT PRICE LIST

AMERICAN BEAUTIES,			BRIDES—Selects	per 100, $4.00
36-inch	per doz., $3.00		" Medium	" 3.00
24-inch	" 2.00		" Seconds	" 2.00
12-inch	" 1.00		MAIDS—Selects	" 4.00
Shorts	per 100, 2.50		" Medium	" 3.00
PEONIES, all colors, $4 to $6 per 100.			" Seconds	" 2.00

SWEET PEAS.....per 100, 25c.

Greenhouses, New Castle, Ind. (formerly Reinberg & Weiland) 100,000 ft. of glass.

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Wholesale Cut Flower Prices.

St. Louis, June 8.

		Per doz.
Beauties, Specials	$2.50 to	$3.00
" Extra	1.50 to	2.00
" No. 1	.75 to	1.00
" Shorts	.50 to	.60
		Per 100
Brides and Maids, Specials	$5.00 to	$6.00
" " Extra	3.00 to	4.00
" " No. 1	1.00 to	2.00
Carnot	5.00 to	8.00
Golden Gate	5.00 to	6.00
Kaiserin	5.00 to	6.00
Liberty	3.00 to	4.00
Meteor	3.00 to	5.00
Perle	3.00 to	4.00
Carnations, Common	1.00 to	1.50
" Selects	2.00 to	2.50
" Fancies	3.00 to	3.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	35.00 to	50.00
" Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Callas	8.00 to	10.00
Daisies	.35 to	.50
Gladiolus	3.00 to	4.00
Lilium Harrisii	8.00 to	10.00
Lily of the Valley	3.00 to	4.00
Peonies	3.00 to	4.00
Smilax	12.50 to	15.00
Sweet Peas	.25 to	.50

Cincinnati, June 8.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	20.00
" No. 1	8.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		5.00
" " Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Cusin	2.00 to	4.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	8.00
Meteor	2.00 to	6.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common	.75	
" Selects	1.00 to	1.50
" Fancies	2.00 to	3.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings	50.00	
" " sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	6.00 to	10.00
Lilium Longiflorum	6.00 to	12.50
Lily of the Valley	3.00 to	4.00
Peonies	2.00 to	4.00
Smilax	12.50 to	15.00
Sweet Peas	.35 to	.75

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable prices.

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Boston Ferns. Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

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In Boston Ferns, 2 and 3½-inch, fine plants for growing on at $3.75 per 100: $35.00 per 1000.
PALMS—Kentia Belmoreana and Forsteriana, 3-inch pots, cool grown, with 5 to 6 leaves and dwarf, $12.00 per 100.
COLEUS—Golden Bedder and Verchaffeltii and 10 other varieties, 2 inch pots, $2.00 per 100; $18.00 per 1000.
ASTERS—In all varieties and mixed transplanted, 60c per 100; $5.00 per 1000.
CONVERSE GREENHOUSES, Webster, Mass.

Geraniums

Good, strong, stocky plants, covered with buds, showing color. Double Grant, Nutt, Favorite, etc., assorted from 4-inch pots, $6.00 per 100. Strong plants from 3-inch pots, mixed, $4.00 per 100. Cash with order.

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THE SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO.

Piersoni Fern, 2½-inch.....per 100, $6.00
Asparagus Plumosus Nanus, 2½-inch, " 3.00
per 1000, $25.00; 4-inch..... " 8.00
Strobilanthes Dyerianus, 2½-inch .... " 2.00
Honeysuckles, Golden Leaved, Chinese Evergreen and Halliana, 2½-inch.....per 100, $2 00
Mexican Primrose, 2½-inch..... " 2.00
Lantanas, 5 sorts, 2½-inch..... " 2.00
Begonias, assorted, 2½-inch ..... " 2 00
Oleander, 2½-inch, double white and double pink ..... " 2.50
Heliotrope, Florence Nightengale, 2½-inch ..... " 2.00
Violets, Princess of Wales, California, Swanley White and Lady Hume Campbell, 2½-inch, per 100, $2.00; per 1000, $18.00.
Achillea, The Pearl, 2½-inch, per 100, $2 00; per 1000, $18.00.
Hydrangea Monstrosa, 2½-inch, per 100, $3.00; per 1000, $25.00.
Carnations, assorted, 2½-inch .....per 100, $2.00
Geraniums, Jean Viaud, John Doyle, La Favorite, Beaute Poitevine, per 100, $2.50; per 1000, $20.00; our selection of varieties in assorted kinds, per 100, $2.00; per 1000, $18.00.
Cannas, Austria, strong plants from 2½-inch pots, per 100, $3.00; per 1000, $25.00.
Fuchsias, 2½-inch, double white and double purple and assorted single varieties, per 100, $2.00.
Abutilons, Souv. de Bonn, Eclipse, Golden Bell and Infanta Eulalia, 2½-inch, per 100, $2.00.
Rudbeckia (Golden Glow), 2½-inch, per 100, $2 00.
Chrysanthemums, 2½-inch, assorted varieties, per 100, $2.00; per 1000, $18.00.
Roses, Marechal Niel, The Bride, Ball of Snow, 2½-inch, per 100, $2 50; per 1000, $20 00. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snowflake, 2½-inch, per 100, $2.00; per 1000, $18.00. Ball of Snow, strong plants from 4-inch pots, per 100, $7.00.

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Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.
Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.
Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.
Green Moss, $1.00 per bbl.
Sphagnum Moss, 50c per bag; $1.00 per bbl.
Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

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Double fringed: six distinct varieties from 2½-in. pots, labeled, $2.00 per 100; $18.00 per 1000.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.
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CEMENT BENCHES.

Referring to Mr. Scott's description of a tile bench, in last week's REVIEW, the Niagara Cement and Concrete Company writes:

We were much interested in the manner of constructing this bench, but we are quite certain that if we could build a bench for comparison, no more like this one would be used. We don't believe in tee-irons along a bench to rust out. If such work, exposed in that way, were put into a business block, the building inspectors would kick it out in a minute. Anyway, the lime in the soil will rust through iron in no time. In our bench the adjustable braces to hold the pipes and stiffen the bench are iron but the balance is all cement and we know that no iron should be in a bench where the soil can in any way reach it or work on it to rust it out; it should be free so that at any time it can be painted. These cement benches can be put up in far less time than a wooden bench and that means something nowadays, when a house has to be kept pretty busy to meet competition, but once up they will last longer than the house and can be emptied and refilled without loss of time for repairs and with less labor than is required on any other kind of bench.

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

THAT little one-inch advertisement in your valuable paper did the work all right as usual.—J. F. Ammann, Edwardsville, Ill.

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

EXTRA CHOICE KAISERIN ROSES
for summer blooming, 4-inch, $4.00 per 100.

VIOLETS from 2-inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1,000. Imperial, the best dark, $25.00 per 1,000.

CRABB & HUNTER
GRAND RAPIDS, MICHIGAN
Mention The Review when you write.

The Grand New Pink Rose **La Detroit.**

NOW IN 3-INCH POTS, READY FOR PLANTING.
$25.00 per 100; $200.00 per 1000.

Surplus Stock, Grafted. 1000 Maids, 3-inch .....$12.00 per 100
500 Mme. Cusin, 3-inch, 12.00 "

Own Roots. 1000 Perles, 3-inch, $8.00 per 100; 500 Mme. Cusin, 3-inch, $8.00 per 100; 1000 Bon Silene, 2½-inch, $6.00 per 100

JOHN BREITMEYER'S SONS,
Gratiot and Miami Avenues. DETROIT, MICH.

Mention The Review when you write.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held May 31, President Ballantyne in the chair. David Macfarlane, gardener for Mrs. H. Walter Webb, Scarborough, was awarded Franz S. Pammer's prize, a scarf pin, for the best display of flowers cut from hardy shrubs. Other exhibitors were Wm. Scott and Robt. Boreham. Jas. Scott and Thos. Lee were the judges. Nominees for membership were Alex MacKensie, Geo. Instone, John Featherstone and F. Luckenbacher all from Greystone, Yonkers. One member was elected. A prize of $15 was received from Vaughan's Seed Store, New York, to be competed for at the fall exhibition. Owing to the late season the date of the June show was changed from June 9 to June 14, to be held in the Young Men's Lyceum, Tarrytown, and open from 3 p. m. till 10 p. m. Admission free. Resolutions of sympathy were tendered Francis Gibson and his family on the death of Harry Gibson.

This being ladies' night, a very pleasant evening's entertainment was in store for the members and friends, of whom there were over seventy-five present. President Ballantyne called upon our crack orator, David Macfarlane, to announce the program, which included music and elocution, by members and others. The program was followed by dancing. This was the first ladies' night this society has given and it was a success, much beyond the expectations of the committee in charge, who hope to do as well at the next ladies' night, which will be in August. T. A. L.

ELIZABETH, N. J.—Henry Lehy is making plans to considerably enlarge his establishment this summer. He has had a lifelong experience in the business, having started with Benj. Haines in 1872. After acquiring a general knowledge of greenhouse work he went to J. M. Thorburn & Co., New York, for several years. Then he opened for himself near his present location, where he has built up a nice business. He is also manager and principal stockholder in the Lehigh Slate Roofing Co.

Am. Beauties PLANTS FROM 2-INCH

Price to clean out $30 per thousand. This is a cheap price but not cheap stock; it is first-class in every respect.

METEOR from 2½-inch pots, STRICTLY FIRST-CLASS, $15 per thousand.

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

50,000 **Grafted Roses**

Ready for immediate planting. Perfectly healthy. The finest grown. Liberty, 3½-in. pots, $18 per 100. Maids, Brides, Ivory, Golden Gates, 3½-in. pots, $15 per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

ROSES for Sale from the Rose City

1000 BRIDES, 1000 BRIDESMAIDS,
in 3½-inch and 4-inch pots.....$4.50 per 100.
Extra fine, clean stock.

M. B. MAGUIRE, Madison, N. J.

Mention The Review when you write.

KAISERIN
IVORY
BRIDE
BRIDESMAID
Plants from 2½-inch pots, $3.00 per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Belmoral Ave., CHICAGO.

Mention The Review when you write.

10,000 Boston Ferns

For Sale. See Classified Adv. for prices.

Cation Greenhouse Co.

1101 Fifth Avenue, PEORIA, ILL.

Mention The Review when you write.

Planting Roses

All kinds of Teas. Just what you want. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, Golden Gates, Liberty Beauties, Carnots, and few Meteors. Stock A1. Prices right. Send right along to

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Growing Plants of Fancy Leaved ..... **CALADIUMS**

Fine young pot-grown plants of fancy leaved Caladiums in about50 varieties for 80 days cheap.

Also very large **Palms**, 12-15 feet, which I will exchange for a pumping outfit with power attached; must be small and in good order.

Please address F. J. ULBRICHT,
L. B. 113, ANNISTON, ALA.

Mention Review when you write.

COLEUS. Golden Bedder, 2½-inch pots, $2.00 per 100.
Double Petunia, 2½-inch pots, $2.00 per 100.
English Ivy, 4-inch, very bushy, $7.00 per 100.
Geraniums, Jean Viaud, Beaute Poitevine, Dbl. Gen. Grant, S. A. Nutt, Buchner, Ricard, 3½, 4-inch pots, very bushy and all in bloom, $4.00 and $6.00 per 100. **Fuchsia**, 2½-inch pots, $2.00 per 100. **Nasturtium**, 3-inch, $1.50 per 100. Cash with order please.

F. G. CHAPMAN, HEWLETT, L. I., N.Y.

Mention The Review when you write.

GRAFTED ROSES Ready Now.

We have grafted 100,000 Rose Plants on Manetti, all from choice flowering wood. This is the best stock we are able to produce and sure to give satisfaction. If your rose stock is running down GIVE GRAFTED PLANTS A TRIAL. READY FOR IMMEDIATE SHIPMENT.

BRIDESMAIDS, $12.00 per hundred. **LIBERTIES, $15.00** per hundred.
CHATENAY ROSE PLANTS, 2½-inch, **$6.00** per hundred; **$50.00** per thousand.

ROSE PLANTS from Benches.

AMERICAN BEAUTIES, one year old, **$4.00** per hundred; **$30.00** per thousand.
GRAFTED BRIDES and MAIDS, **4.00** " **30.00** "

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

MUMS.

From 2½-inch pots. $20.00 per 1000. Bonnaffon, White Bonnaffon. Ivory, Pacific, Bergmann, Adele, Bride, Wanamaker, Halliday, Appleton, They are very good.

CARNATIONS.

From 2-inch pots, 2c; $18.00 per 1000. Crocker, Flora Hill, Norway, Queen Louise, Joost, America.

HYDRANGEA.

Otaksa, pink, blue, 2½-inch pots, 4c; 4-inch pots, 5c; 6-inch pots, 10c; 8-inch pots, 20c. Very good plants to grow on.

GENISTA.

2½-inch pots, 3c; 4-inch pots, 6c. Plants are clean and in good, healthy condition. Must be sold previous to removal to new place.

Make an offer for large quantities.

A. A. J. La ROCHE, Collingdale, Pa.

Mention The Review when you write

Begonia Gloire de Lorraine.

Nice 2-inch stock, $12.00 per 100.
3-inch stock, fine specimen, 35.00 "

A. JABLONSKY,
Wellston, — ST. LOUIS, MO.

Mention The Review when you write.

CHRYSANTHEMUMS.

Bonnaffon, Maud Dean, Ivory, Mrs. Weeks, $2.25 per 100, out of 2¼-inch pots; $1.50 per 100 for rooted cuttings.

FUCHSIAS, out of 2¼-inch pots, $3.00 per 100.

A. D. MONTGOMERY, Hazleton, Pa.

Mention The Review when you write.

1500 Wm. Duckham

Strong Rooted Cuttings at $20.00 per 100. 25 at 100 lot price. Will send this stock C. O. D. with privilege of examination.

GUSTAV A. LOTZE, Jr.
GLEN BURNIE, MD.

Mention The Review when you write.

Roses

American Beauties. We have extra fancy 3-inch, 2½x3, and 2x2½. Let us know your wants, quantity you can use, and we will hold them for shipment to your order. Write

GEO. A. KUHL, Pekin, Ill.

25,000 CHRYSANTHEMUMS

FOR JUNE AND JULY PLANTING.

Not Remnants of Spring Stock, but nice young plants grown especially for this purpose and in varieties sure to produce fine blooms. : : : :

COL. D. APPLETON	MAUD DEAN
POLLY ROSE	GLORY OF PACIFIC
OPAH	TIMOTHY EATON
IVORY	LILY MOUNTFORD
MINNIE BAILEY	W. H. CHADWICK
PINK IVORY	GOLDEN WEDDING
WHITE BONNAFFON	CONVENTION HALL
MRS. H. WEEKS	MAJOR BONNAFFON

and many other varieties too numerous to mention, at $3.00 per 100; $25.00 per 1000. Not less than 250 plants and 25 of a kind at 1000 rate.

WE ALSO HAVE

500 WM. DUCKHAM **500 DR. ENGUEHARD**

These we would be pleased to supply at $20.00 per 100.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Dracaena Terminalis, 5-in., $3.00 per doz.

Latania Borbonica. We have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100; 3-inch, $8.00 per 100; 4-inch, $1.50 per doz.; $12.00 per 100; 4-inch, strong, 3 plants in pot, $2.00 per doz.; $15.00 per 100; 5-inch, 3 plants in pot, $3.00 per doz.; $22.00 per 100; 6-inch, $4.50 per doz.; 6-inch, strong, $6.00 per doz.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

A fine assortment of 2-inch FERNS for fern dishes, at $3.00 per 100; $25.00 per 1000.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

ROSE PLANTS

	Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00
50,000 Brides, 2½-inch pots	3.00	25.00
25,000 Brides, 3½-inch pots	4.50	35.00
50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Bridesmaids, 3½-inch pots	4.50	35.00
10,000 Liberty, 2½-inch pots	5.00	40.00
5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

TWO-YEAR OLD PLANTS FROM BENCHES.

American Beauty.....$6.00 per 100; $50.00 per 1000. Brides, (Grafted Stock)....$6.00 per 100; $50.00 per 1000.
Bridesmaid, (Grafted Stock).....$6.00 per 100; $50.00 per 1000.

WRITE FOR SPECIAL DISCOUNTS ON LARGE LOTS.

The Benthey-Coatsworth Co., 35 Randolph Street, **Chicago**

CINCINNATI.

The Market.

Trade the past week has been all that could be desired and stock of all kinds found a ready market at good prices. This was due mainly to a number of commencements and also several weddings that used large quantities of flowers. American Beauties were in especial heavy demand and the price obtained for them was very good. Peonies were scarce, as those in this part of the country were not far enough advanced to cut. There was a scarcity of sweet peas also.

At present there is but very little life in trade. There does not seem to be anything doing socially. Some very good stock is to be had and the price has tumbled a good ways since last week. The weather has been warm and it rushed in large quantities of carnations, which show the effect of the sun. Roses, especially Brides and Maids, look very sick for the most part and those that are not mildewed have such small buds that it is hard to sell them at any price. Golden Gate and Ivory are doing very well, though it is getting to be hard to sell them while there is a Bride or Maid to be had. Beauties are holding out very well and some from the north are very fine for this time of year.

Peonies are now coming in by the wagon load and it is awfully hard to move them at anything like a paying price. The crop will soon be over and it will be a relief.

The green goods market is now well supplied with everything but there is a good demand for all kinds.

Various Notes.

H. D. Edwards was the lucky guesser in Wm. Murphy's guessing contest. His guess was 133,879 while the correct number of carnations sold by Mr. Murphy during the months of May and June was 133,884. The prize was a ticket to St. Louis.

The regular meeting of the Florists' Society will be held Saturday, June 11, at 8 p. m. Nominations for officers will be in order and our annual picnic will also be discussed. C. J. Ohmer.

Ottawa, Ont.—C. Scrim will make a number of improvements on his place this season, replacing old houses with new, and will also erect some new houses on a farm which he owns just outside the city, where he will eventually have a large plant.

ROSE PLANTS

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Am. Beauty	5.00	45.00
Bridesmaids	3.00	25.00
Brides	3.00	25.00
Perle	3.00	25.00
Golden Gate	3.00	25.00
Ivory	3.00	25.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

AMERICAN BEAUTY.

2-year-old plants from benches, $5.00 per 100; $40.00 per 1000.

GEORGE REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

10,000 Brides and Maids

A1 stock, ready for planting. Own roots, 3-inch, ready for shift, $60.00 per 1000; 4-inch, $100.00 per 1000.

Grafted Stock.

3-inch Maids, $15.00 per 100; 4-inch Brides and Maids, $20.00 per 100.

Pittsburgh Rose and Carnation Co.
CRYSTAL FARM,
GIBSONIA P. O., PA.

Mention The Review when you write.

ROSES

3000 Bridesmaid Roses

From 3½-inch and 4-inch pots.

Extra fine. For sale—**$4.50** per 100; **$40.00** per 1000.

E. T. GRAVE, RICHMOND, IND.
(WHOLESALE GROWER CARNATIONS and ROSES.)

Mention The Review when you write.

ROSE PLANTS

Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced beautiful color, free bloomer, best money maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$5.00	$40.00
Sunrise	5.00	40.00
Am. Beauty, 3-inch	6.00	50.00
Kaiserin	2.50	20.00
Liberty	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Perle	2.50	20.00
Ivory	2.50	20.00
Golden Gate	2.50	20.00

2-YEAR-OLD PLANTS

From Benches

AMERICAN BEAUTY,

$6.00 per 100; $50.00 per 1000.

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

KAISERIN, PERLE, $3.00 per 100. 2½-inch.

BRIDES, MAIDS, $2.50 per 100. 2½-inch.

J. C. MURRAY, Peoria, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ANNOUNCEMENT.....

WE TAKE PLEASURE IN ANNOUNCING THAT

FRED BURKI

Will be Disseminated in 1905—Commencing in January.

Fred Burki is the result of a cross between Lawson and a seedling of much merit; the latter being the seed parent. It possesses all the good qualities to induce the most conservative growers to include it among best whites.

HERE ARE A FEW OF ITS MERITORIOUS POINTS:

1st. The blooms come perfect and uniform, averaging 3 to 3½ inches in size.

2d. The stem measures from 20 to 30 inches, being stiff and erect and resembles that of Lawson.

3d. It never crops, but yields continuously from November until July.

4th. The calyx is perfect; showing no tendency of bursting.

5th. Its keeping qualities, a point not to be overlooked, are second to none and **equal** to the **best.**

6th. It transplants easily and roots like the proverbial weed.

Those who saw it growing are unanimous in declaring the **FRED BURKI** the ideal white in every respect. It has scored 88 points at the Detroit Carnation Convention, receiving a certificate of merit. Don't hesitate placing your order for **FRED BURKI.** It will prove a good investment.

PRICE—$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Orders filled strictly in rotation.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 N. 24th St., PHILADELPHIA

Ready for Delivery



Nephrolepis Scottii ready for delivery.

I COMMENCED SHIPPING

Nephrolepis Scottii

On Wednesday, June 1. The stock is in the finest possible condition, as a glance at the accompanying illustration shows. The small plants in the picture are fair samples of the stock I am sending out. If you have not yet sent in your order, do so at once. All orders are filled in rotation, and the earlier you get your stock the better will be your specimen plants for Fall decorative purposes.

My greenhouses are filled with plants in sizes from 2¼-inch pots to 14-inch tubs. Come and see how decorative the variety is in any stage of its growth. **To see the fern is to buy it.**

Strong transplanted runners from the bench or 2¼-inch pots, **$4.00** per doz.; **$25.00** per 100; **$200.00** per 1000.

Strong 6-inch pot plants, **$2.00** each; 8-inch pans, **$3.50** each; 10-inch pans, **$5 00** each.

I have decided to give buyers the option of taking either transplanted runners from the bench or 2¼-inch potted stock.

DRACAENA INDIVISA, 8-inch pots, 3 ft. to 4 ft. high, $1.00 to $1.50 each.

JOHN SCOTT, KEAP STREET GREENHOUSES. Tel. 1207 Williamsburg. **Brooklyn, N. Y.**

BRANCH: EAST 45th STREET and RUTLAND ROAD, FLATBUSH.

Agents for Nephrolepis Scottii:—Henry A. Dreer, Inc. Vaughan's Seed Store. F. R. Pierson Co.

GUARANTEED FERTILIZERS

We sell and carry in stock only the best grades of Fertilizers, cheerfully mailing samples and giving guaranteed analysis.

HUNT'S PURE BONE MEAL FOR GREENHOUSES. Our regular brand that has given universal satisfaction. It has no superior; is pure bone, guaranteed free from acids and is sold at as low a price as many inferior brands which cannot be used with safety in greenhouse culture. 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1000 lbs., $15.00; 2000 lbs., (ton) $27.50.

PURE BONE MEAL SIFTED. This is our regular brand of bone meal except that it has been put through sieves, making the grade absolutely uniform. 11 per cent of this is immediately available and soluble in water. 100 lbs., $2.25; 200 lbs., $4.00; 500 lbs., $9.00; 1000 lbs., $16.50; 2000 lbs., (ton) $30.00.

PURE BONE FLOUR. This is our regular brand bone meal ground to a fine flower, 17 per cent being immediately soluble in water and available. Just the thing to use for quick action. 100 lbs., $2.50; 200 lbs., $4.50; 500 lbs., $10.00; 1000 lbs., $17.50; 2000 lbs., (ton) $32.50.

PURE PULVERIZED SHEEP MANURE. One of the most effective fertilizers and used largely by the most prominent growers. Our brand is guaranteed free from foreign substances, seeds and guaranteed pure. Analysis and samples cheerfully sent on request. 100 lbs., $1.50; 500 lbs., $5.00; 2000 lbs., (ton) $16.50.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

PITTSBURG.

The Market.

The flower market appears to have lapsed suddenly into a state of chronic midsummer dullness. Since Memorial day the demand for stock has been very slow. Enormous quantities of roses, carnations and peonies are arriving, which find poor sale. Some very fine longiflorum lilies and callas are to be had. Carnations and roses are now showing the effects of the hot weather. Our season for outdoor flowers is now at its height. Peonies are among the heaviest receipts; they are arriving at the wholesale places by the wagon loads.

There were several large decorations and also large funerals last week that helped to use up some good stock. Memorial day trade was good, but did not come up to expectations.

Various Notes.

A. W. Smith's attractive advertisement in our daily papers last week read as follows: "Two dozen fresh roses in the 'dollar box' for Saturday only." Mr. Smith said the sale was a great success.

Henry Phipps, one of our philanthropists, generously placed a large sum of money at the disposal of the Board of Directors of the Western Penitentiary, Allegheny, Pa., for the erection and maintenance of several greenhouses and a palm house in the grounds of that institute.

J. J. Higgens has taken a position with C. T. Siebert. Hoo-Hoo.

BUTTE, MONT.

Business has been very good here this season, especially at Decoration day, when everything was closed out. The Butte Floral Co. had two car loads of plants to handle, having two temporary stores. The first Crimson Ramblers sold here were theirs, offered this year and selling readily at from $4 to $8 a plant. Law Bros. and the State Nursery Co. also had large stocks and sold out quickly. It was very hard to find anything for sale after noon. This was notwithstanding that the weather was bad, cold until Friday, when it brightened up. There was a very large demand for funeral pieces.

Minneapolis, Minn.—Arnold Pierce, who has been employed by florists here, has disappeared and his wife has had no word from him in two weeks.

Greenhouse and Vegetable Plants

2¼-inch stock in A No. 1 condition. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, yellow, $2.00 per 100; $17.50 per 1000.		
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney	40c	$2.00
Asparagus Sprengeri, 2½-in	50c	3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Coleus, Crimson Verschaffeltii, Firebrand, Queen Victoria, Beckwith Gem, Eldorado, Mrs. Hunt, Mrs. Hayes, Fire Crest, etc.....per 1000, $15.00	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.00

GERANIUMS.

$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Centaure, Double Gen. Grant, Gen. de Boisdeffre, Jean Viaud, Miss Frances Perkins, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, etc.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00,	40c	$3.00
Lemon Verbena.....per 1000, $20.00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Maranta Massangeana	75c	4.00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3.50

	Per doz.	Per 100
Smilax.....per 1000, $15.00,		$2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

Vegetable Plants

On Cabbage, Tomato and Celery we are prepared to make special price on large lots.

CABBAGE—Early and Charleston Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

TOMATOES—Earliana, 40c per 100, $2.00 per 1000. Stone, Paragon, Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—White Plume and Golden Self Blanching and other varieties, 25c per 100; $1.00 per 1000.

PEPPERS—Bull Nose, Ruby King, Sweet Mountain, 40c per 100, $2.00 per 1000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

Send for trade price list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

Mention The Review when you write.

VIGOROUS ROSES.

Kaiserins, 3-inch, $5.00 per 100. **Maids,** 3-inch, $5.00 per 100. **Liberty,** 3-inch, $8.00 per 100. **Sunrise,** 3-inch, $8.00 per 100. **Brides** 3-inch, $5.00 per 100.

Perles, 3-inch, $8.00 per 100. All clean, young stock ready for planting. Cash or reference with order please.

CHARLES E. MEEHAN, Slocum and Musgrove Sts., GERMANTOWN, Philadelphia, PA.

Mention The Review when you write.

Specimen Ferns

We have in fine plants, Bostons at $1.50, $2.00, $2.50 and $3.00. Also Piersoni at $1.50, $2.00, $2.50, $3.50 to $5.00. Both in smaller sizes, 2½, 3, 4, 5, 6, 7, 8 and 10-inch. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50 per 100;	$35.00 per 1000	
Brides	5.00 "	40.00	"
Bridesmaids	5.00 "	40.00	"
Mme. Chatenay	6.00 "	55.00	"

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

Mention The Review when you write.

AUCTION!

75,000 Palms, Ferns, Etc., and 10 practically new greenhouses, to be disposed of to the highest bidder, between the hours of 2 and 7 P. M., on

June 15 and 16

THE ESTABLISHMENT OF

ALBERT FUCHS, 2045 North Halsted Street, CHICAGO

10 GREENHOUSES ARE TO BE INCLUDED IN AUCTION, DIMENSIONS AS FOLLOWS.

	Cost to build, Each.	Will Sell Previous to Auction, Each.
2 25x100 ft.	$1,200.00	$300.00
3 25x115 ft.	1,500.00	320.00
2 25x100 ft.	1,500 00	325.00
3 25x150 ft.	2,100.00	500.00

Prices named include ventilators, piping, benches, etc. If not sold at above named quotations previous to auction they will then be

Offered to the Highest Bidder.

I have made arrangements with a practical constructionist who will take down and deliver f. o. b. Chicago any of the before named greenhouses at the rate of **50 cts. per running foot**, making a cost of only $50.00 to $75.00 for each house.

These are not old "ramshackle" broken-down houses, but practically

AS GOOD AS NEW.

Florists, Vegetable Gardeners, Etc., will find it to their advantage to investigate. Come and See for Yourself.

Previous to Auction I am willing to sell this entire plant at less than 50c on the dollar. Ten months time will be given to remove the buildings and no rent charged, or I will give a 99-year ground lease at a low figure. This is one of the best retail locations in Chicago and a money-maker for a "live" man. **Investigate.**

I will also sell one good horse and florists' top wagon.

For complete particulars and list of stock to be sold see Florists' Review issue of June 2, and American Florist issue of June 4.

E. F. WINTERSON. JOHN P. DEGNAN. L. H. WINTERSON.

E. F. WINTERSON CO., Auctioneer's

Superintendent.

Sale will be held June 15 and 16, at 2 P. M., at 2045 North Halsted Street.

Mention The Review when you write.

...FOR SALE...

HYDRANGEA OTAKSA

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10,000 Roses, Brides, Gates and Maids. 200 Dbl. Hollyhock plants.

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500 Alyssum, 2½-inch ..... per 100, $2.00
1500 Red and 1000 Yellow Alternanthera, 2-inch, per 100, $2.00; per 1000, $18.00
300 Begonia Vernon, 2-inch, per 100, 1.75
200 " " 3-inch, " 3.00
1000 Smilax, 2-inch ..... " 1.50
A lot of Asparagus plumosus clumps, 5, 6 and 7-inch .... " 8.00

Will exchange some for 2-in. Swanley White Violets, Boston Ferns or small Rubbers.

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	Per 100.
Yellow $1.50; Red	$2.00
Geraniums, to close out	3.00
Primrose, Chinese, Obconica and Forbesi, July	2.00

Asparagus

	Per 100.
Plumosus Nanus seedlings	$1.75
" 2-inch pot, July	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed $4.50 per 1000.	

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Nice healthy stock, selected from well grown plants. Sure to give good results.

	Per 100	Per 100
American Beauties	2½-in., $5.00	3-in., $8.00
Perles	2½-in., 3.00	3-in., 6.00
Meteors		6.00
Maids, extra fine	2½-in., 3.00	

	Per 100	Per 100
Brides	2½-in., $3.00	3-in., $5.00
Golden Gates	2½-in., 3.00	3-in., 5.00
Ivory	2½-in., 3.00	3-in., 5.00

Special price on 1000.

BOSTON FERNS. 2½-in., $3.50 per 100; 3-in., $8.00; 5-in., $25.00 and 6-in., $40.00. Also some fine specimens in pans. Note the low prices on the smaller sizes. Vinca variegata, 2½-in., $3.00 per 100

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For 3-in. pots, $5 per 100; $40 per 1000, field-grown.
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WASHINGTON.

Considering the time of year, trade has been very good the past few days. This is due largely to the commencement exercises. Roses and carnations are of fairly good quality for the end of the season. As anticipated, business for Decoration day was very good, probably a little better than last year. The demand for common or low-priced flowers was extremely heavy, particularly around the markets. These flowers fit many purposes and, being very plentiful, they make decided inroads on the sales of better grades of stock. Decorations in the cemeteries were more numerous and elaborate than ever before. The plant trade was a big feature, the season being a little backward and much planting was yet to be done. The demand for bedding stock has been very heavy this season and values have been better than for several years.

Capt. Ernest had the bowlers out last Wednesday night and some very good scores were made. It is needless to say that Washington will be well represented for bowling honors at St. Louis. Following are the scores:

Player.	1st	2d	3d
Minder	175	128	132
Herrold	155	146	121
Lewis	160	152	148
McCauley	154	149	167
Jones	118	106	128
Clark	170	145	150
Cook	147	189	171
Shine	123	156	116
Shaffer	165	157	187
Barry	149	149	173
Ernest	148	167	177

H. B. L.

COLUMBUS, O.—Rose Underwood, widow of the late John Underwood, recently published a public notice in which she says that she has been appointed administratrix of the estate and will continue the business under the old name of Underwood Bros. The latter now publish a notice that Rose Underwood has no interest in or control whatever of the business of the Underwood Bros. Floral Co., of which they have been owners for twenty-three years and of which they "propose so to remain in charge, notwithstanding" the public notice aforesaid.

ROSES -- Strictly No. 1 Stock.

Maids, Brides, Gates, 2½-inch, $25.00 per 1000; 3½-inch, $50.00 per 1000. **Beauties,** 2½-inch, $6.00 per 100; $50.00 per 1000. Old Beauties, from bench, $6.00 per 100. Old Teas, from bench, $4.00 per 100.

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White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whildin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
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Red.		
Childs	2.00	3.00
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Large quantities. **HEADQUARTERS FOR FINEST CUT ROSES.**
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Mrs. Nathan Smith, extra fine white	.50	5.00	35.00
S. T. Wright, magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35.00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2.50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100: Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

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Chadwick	2.50	Bonnaffon	1.50
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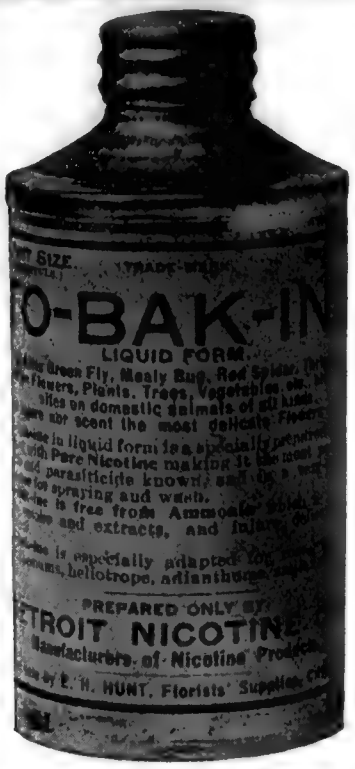
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WASHINGTON.

Considering the time of year, trade has been very good the past few days. This is due largely to the commencement exercises. Roses and carnations are of fairly good quality for the end of the season. As anticipated, business for Decoration day was very good, probably a little better than last year. The demand for common or low priced flowers was extremely heavy, particularly around the markets. These flowers fit many purposes and, being very plentiful, they make decided inroads on the sales of better grades of stock. Decorations in the cemeteries were more numerous and elaborate than ever before. The plant trade was a big feature, the season being a little backward and much planting was yet to be done. The demand for bedding stock has been very heavy this season and values have been better than for several years.

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Old Beauties, from bench, $6.00 per 100. Old Teas, from bench, $4.00 per 100.

CHRYSANTHEMUMS. Best and most popular varieties.

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Willowbrook	$1.50	$2.50
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Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
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Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
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Eclipse	2.00	3.00
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C. J. Salter	6.00	8.00
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Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
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	Each.	Doz.	100
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Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white	.50	5.00	35 00
S. T. Wright magnificent crimson	1 00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	25	2.50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M. Liger	5 00	A. J. Balfour	8 00
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	Per 100		Per 100
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Viviand-Morel	2.50	Robinson	1.50
Chadwick	2.50	Bonnaffon	1.50
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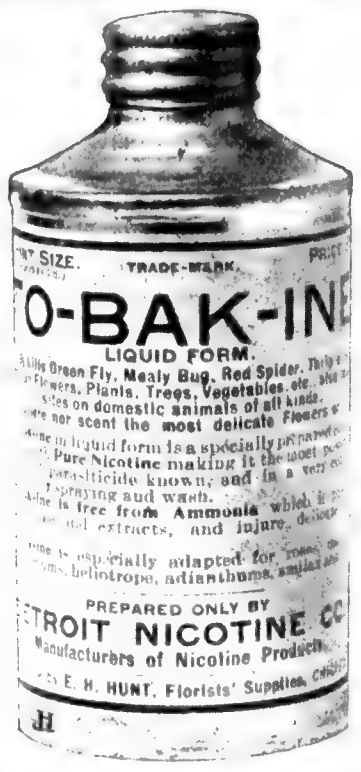
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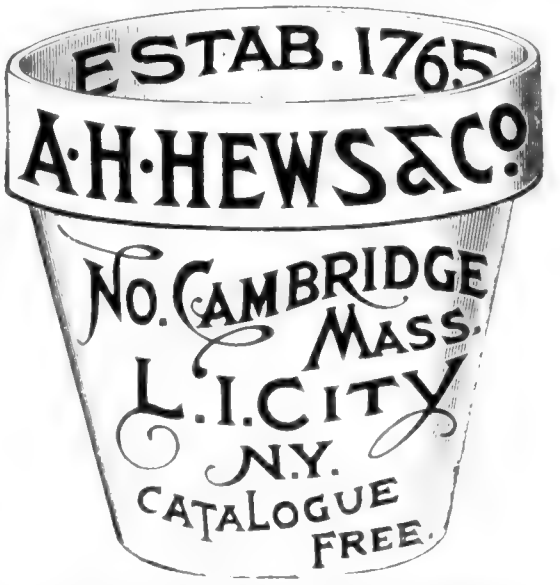
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ABUTILONS.

Abutilons Souv. de Bonn, Eclipse, Golden Bell, Infanta Eulalia, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

ACALYPHAS.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHILLEAS.

Achillea The Pearl, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow. Rooted cuttings, 60c per 100; $4.50 per 1000. From flats, $1.25 per 100; $10.00 per 1000.
Victor H. Thomas, Box 82, Augusta, Ky.

Alternantheras, 6,000 fine plants from flats, best red and yellow, 4 vars., $20.00 1000. Samples sent.
E. HOLDEN, Catonsville, Baltimore, Md.

Alternantheras, 10,000 fine plants, 2¼-in., best red and yellow, $20.00 1000. Cash with order, please.
Bonnie Brae Greenhouses, New Rochelle, N. Y.

Alternantheras, best red and yellow, bushy, 2½-in., $1.75 per 100, $14.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Alternantheras, yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and green, $15.00 per 1000. C. Winterich, Defiance, Ohio.

Alternanthera, yellow; strong 2-in., $1.00 100. Cash. Byer Bros., Chambersburg, Pa.

4000 alternantheras, $2.50 100; $20.00 1000.
L. Boelsen, Elmhurst, L. I., N. Y.

Alternantheras, yellow, $1.50 100; red, $2.00.
Jos. H. Cunningham, Delaware, Ohio.

Alternantheras, red, $2.00 per 100.
S. M. Harbison, Danville, Ky.

ALYSSUM.

Alyssum Dbl. Giant, 2¼-in. pots, bushy plants, $2.00 per 100.
G. W. Renard & Bro., Avondale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
W. H. Salter, Rochester, N. Y.

AQUATICS.

Aquatics. Water hyacinth, water poppy, water lettuce, Parrot Feather, at $2.00 per 100. Nymphaea zanzibariensis, N. dentata, N. devoniensis and others, strong plants, 15c each, $10.00 per 100.
B. M. Wichers & Co., Gretna, La.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50 to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann, 1012 Ontario St., Phila., Pa.

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Seedling Biotas, fine 2½-in. plants, $1.50 per 100. Cash. S. B. Ritter, Port Royal, S. C.

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Asparagus plumosus nanus seedlings from flats, ready for potting on, $12.00 1000, $1.50 100. 250 at 1000 rate; 3-in. pots, $5.00 100, $40.00 1000; 4-in., $8.00 100, $70.00 1000, field-grown. Send cash and we will pay freight.
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2000 Asparagus plumosa, 2¼-in. pots.....$3.00
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Asparagus plumosus nanus	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready June 15.
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Asparagus plumosus; strong stock out of 4-in. pots with fronds 2 to 3 feet in length, $8.00 per 100.
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Livingston Seed Co., Columbus, O.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, from flats ready to pot. $2.00 100, $18.00 1000; 2-in., $3.00 per 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 6-in. pots, 4-yr.-old, good plants, $6.00 per 100. Cash with order.
G. W. Renard & Bro., Avondale, Pa.

Asparagus Sprengeri, strong stock, cool grown, 4-in., ready to shift, $10.00 per 100.
John C. Hatcher, Amsterdam, N. Y.

Asparagus Sprengeri, strong 2½-in. plants, ready to shift, $2.00 per 100. Cash.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus nanus seedlings, ready for potting, $2.00 100; $17.50 1000.
J. S. Bloom, Riegelsville, Pa.

Asparagus plumosus nanus, 2½-in., $3.00 100; $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus nanus, from flats, $15.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus, 3-inch, $6.00; Sprengeri, 5-inch, $15.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
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Sprengeri, once transplanted, 90c per 100; $7.50 per 1000. C. Winterich, Defiance, Ohio.

Asparagus Sprengeri and plumosus all sizes. Write. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus clumps, 5, 6, 7-in., $8.00 100. Vern L. Schluraff, Erie, Pa.

Asparagus Sprengeri, 2-inch, $2.00 100.
Dean Ferris, Peekskill, N. Y.

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Aster plants, from seed directly imported, 35c per 100 prepaid.
Reid's Quilled, salmon, shaded white.
Peony Perfection, scarlet.
Ball or Jewell, apple blossom.
Pompon Cocardean, rose, white center.
Hohenzollern, large white.
Vick's Branching, light pink.
Ostrich Plume, pure white.
Queen of Market, white.
Mignon Aster, white.
Globe Quilled, white, blood-red center.
Otto Hansen, Mont Clare, Ill.

Our specialty: Asters—Victoria, paeony flowered; Jewell, Ostrich Plume, Boston Florist, Daybreak, grown from R. & J. Farquhar & Co.'s highest grade seed; also a few Mary J. Semple, Carlson and Hohenzollern. Prices, seedlings, 60c per 100, $5.00 per 1000, transplanted plants, $1.50 per 100, $10.00 per 1000.
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Asters. Large transplanted plants of Hohenzollern, white and rose pink; Semple's Branching, red, rose pink; Daybreak, purple; White, Victoria, Giant Comet and Queen of the Market, mixed, per 100, $1.00; too large to mail. Cash. J. Sylvester, Oconto, Wis.

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Aster plants. Semple's Queen of the Market, Perfection, Comet and Hohenzollern, large, stocky plants, $1.50 per 500, $2.50 per 1000, by express. Gustav Pitzonka, Bristol, Pa.

Asters. Semple's crimson, lavender, Mary Semple and white, $2.50 per 1000. Cash. See vegetable plant advertisement.
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Semple's Branching aster plants in five separate colors, $3.00 1000.
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Asters in all varieties and mixed transplanted, 60c 100; $5.00 1000.
Converse Greenhouses, Webster, Mass.

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Bay trees, palms, decorative plants, orchids, all sizes. Apply to
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Bouvardias dbl. pink and white; single scarlet, $3.00 100. Levant Cole, 89 Wendall St., Battle Creek, Mich.

Bouvardias, scarlet, pink and white, 2-in., $2.00 100.
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Single, separate colors	20c	$1.25	$10.00
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Choice gloxinia bulbs, separate colors	25c	1.50	....

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100,000 calla bulbs. Write for prices.
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Epiphyllums, 40c per doz.; $2.25 per 100. Echeveria californica, $3.00 per 100; small, $1.50 per 100. Stapelia (starfish cactus), blooming, $3.50 per 100. Many varieties of cacti and succulents.
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Sound cacti in variety, $5.00 100 and upwards.
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Candytuft, 2-in., 2c. Cash.
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Cannas, strong plants, 3½-inch pots in following varieties, $6.00 100: Mme. Crozy, Queen Charlotte, Pres. Carnot, Burbank, Chas. Henderson, A. Bouvier, Egandale, Italia.
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Cannas. Very strong 4-in. Antoine Crozy, Mme. Crozy, Poitevine, Queen Elenore, Alp. Bouvier, Austria, Alemannia, etc., $5.00 per 100. C. Winterich, Defiance, Ohio.

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Cannas, assorted, 4-in., 5c. Cash.
O. L. Baird, Dixon, Ill.

CARNATIONS.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia,
John Murchie, Sharon, Pa.

New scarlet carnation Crisis, to be distributed in 1905; early and continuous bloomer; color the richest scarlet, size three inches and over; never bursts; stems long and very strong; we court investigation; $2.00 doz.; $12.00 100; $100.00 1000. Davis Bros. Co., Bloomsburg, Pa.

50,000 outside in flats ready to plant. Q. Louise, Hill, Crocker, Joost, G. Angel, Crane, Marquis, Eldorado and Firefly, red in fair proportion, $15.00 per 1000, $2.00 per 100. Send for list of mums and bedding stock, cannas, etc. Cash. Benj. Connell, West Grove, Pa.

Carnations, strong, clean, healthy plants from 2-inch pots: Enchantress, $7.00 100, $55.00 1000; The Queen, fine white, $6.00 100, $50.00 1000; Fair Maid, 2¼-inch, $4.50 100, $40.00 1000. Cash.
John W. Foote, 35 Grape St., Malden, Mass.

Plants from 2-inch pots, every one sure to grow, 200 Fair Maid, 500 Boston Market, 200 Mrs. Lawson, $3.00 100.
R. D. Kimball, Waban, Mass.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations from 2-in. pots, 2c; $18.00 1000. Crocker, Flora Hill, Norway, Queen Louise, Joost, America.
A. A. J. La Roche, Collingdale, Pa.

Carnations, asst., 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

CENTAUREAS.

Centaurea Dusty Miller, beautiful, large plants in 3½-in. pots, $5.00 per 100; fine 2½-in. plants (about 2500) at $3.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Centaurea gymnocarpa, 3-in., $3.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

Centaureas, fern leaved, fine plants, $3.00 100.
F. A. Baller, Bloomington, Ill.

Centaurea Dusty Miller, 2-in., $2.00 100.
O. L. Baird, Dixon, Ill.

CHRYSANTHEMUMS.

White Varieties.	R. C. Per 100.	R. C. Per 1000.	2-inch, Per 100.
T. Eaton	$2.00	$15.00	$3.00
W. H. Chadwick	2.00	15.00	3.00
Wht. Bonnaffon	1.50	12.50	2.00
Wanamaker	1.50	12.50	2.00
E. S. Kalb	1.50	12.50	2.00
Estelle	1.50	12.50	2.00
Robinson	1.50	12.50	2.00
Ivory	1.50	12.50	2.00
Merry Xmas	1.50	12.50	2.00
Polly Rose	1.50	.....	2.00
Wht. Mayflower	1.50	.....	2.00
Yellow.			
Golden Beauty	1.50	12.50	2.00
Golden Wedding	1.50	12.50	2.00
Oct. Sunshine	1.50	12.50	2.00
Col. Appleton	1.50	12.50	2.00
Bonnaffon	1.50	12.50	2.00
Yellow Mayflower	1.50	.....	2.00
Omega	1.50	.....	2.00
Pink.			
W. Duckham	25.00	.....	....
Murdock	1.50	12.50	2.00
V.-Morel	1.50	12.50	2.00
Mrs. Perrin	1.50	12.50	2.00
Glory of Pacific	1.50	12.50	2.00
Marion Newell	1.50	.....	2.00
Richardson	1.50	.....	2.00
Lavender Queen	1.50	.....	2.00
J. K. Shaw	1.50	.....	2.00
Red.			
Oakland	1.50	.....	2.00

Wietor Bros., 51 Wabash Ave., Chicago.

Rooted cuttings of Convention Hall, Marie Liger, Yellow Eaton, Columbia, R. E. Richardson, Godfrey's King, Madame Diedericha, $6.00 100.

Nellie Pockett, Mrs. W. B. Chamberlain, Edgar Sanders, Kansas City Star, T. Eaton, Maud Dean, Primo, Intensity, Adrian, H. Hurrell, Brutus, Lincoln, Monrovia, John Shrimpton, Nagoya, Rieman, rooted cuttings from sand, $1.50 100.

Bonnaffon, Mrs. H. Robinson, Niveus, Jerome Jones, F. B. Hayes; Merry Monarch, white and yellow; Ivory, Col. D. Appleton. $1.25 100; $10.00 1000. Cash with order, please.
G. F. Neipp, Aqueduct, Woodhaven, N. Y.

Rooted chrysanthemum cuttings:
G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Minerva, John Shrimpton, Philadelphia, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Adula, Golden Wedding, W. H. Lincoln, Nagoya, Timothy, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
Wm. F. Kasting, Buffalo, N. Y.

Chrysanthemum Mme. F. Bergmann, still the finest of all early whites; large in size. Will produce high class blooms in any of the southern states without protection, by October 10. A large stock in fine condition. From 2-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100. Write for prices on larger lots.
Morton's Evergreen Lodge, Clarksville, Tenn.

Chrysanthemum cuttings, 2¼-in. pots. Pacific, Blackhawk, Kalb, Wanamaker, Liger, $2.00 100. Pink and White Ivory, Mrs. Robinson, Bonnaffon, Appleton, $2.50 100. Maud Dean, Mrs. Coombes, Chadwick, Jones, Harriott, Golden Wedding, $3.00 100. Rooted cuttings, ⅓ of above rates.
C. W. Blatchley, Plantsville, Conn.

NEW CHRYSANTHEMUMS. Duckham, Mildred Ware, Ben Wells, F. A. Cobbold, S. T. Wright, Mrs. F. W. Vallis and all the other prize winners now ready for immediate delivery. Grand stock from 2½-in. pots. We are headquarters for the Wells-Pockett varieties. Send for list. Chas. H. Totty, Madison, N. J.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.25 100; $10.00 1000.
Chase & Son, New London, O.

Chrysanthemum White Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Chrysanthemums, Glory Pacific, Estelle, T. Eaton, Yellow Eaton, Jones, Yellow Jones, Dean, Smith, Appleton, Willowbrook, Halliday, Robinson, G. Wedding, Niveus, Intensity, 2¼-in. pots, $2.25 per 100. 100 Wm. Duckham for $25.00. Stock grown in frames and in fine shape. S. M. Harbison, Danville, Ky.

Chrysanthemums. To make room we will sell the following mums, and they are good plants, at $16.00 per 1000; $1.75 per 100: Col. D. Appleton, Opah, white, Fitzwygram, Intensity, Yellow Bonnaffon. Cash, please, or C. O. D. Samples 10c.
A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemum rooted cuttings. Col. Appleton, Glory Pacific, Polly Rose, Bonnaffon, Jerome Jones, White and Yellow Monarch, White Ivory, $1.25 per 100, $10.00 per 1000. Cash with order.
H. Stahlhut, N. E. cor. New Lots Rd. and Shepherd Ave., Brooklyn, N. Y.

Chrysanthemums for June and July planting. Not remnants of spring stock, but nice young plants grown especially for this purpose and in varieties sure to produce fine blooms. For list of varieties and prices see display adv. in this issue. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, large-flowering or aster variety, 2¼-in., $3.00 100; small-flowering or button variety, 2¼-in., $2.00 100. Our pamphlet containing description, with cultural directions, of over 125 varieties, mailed free. R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, strong 2-in. pot plants, $2.50 per 100, $20.00 per 1000. Polly Rose, Appleton, Silver Wedding, W. A. Richardson, Columbia, Ivory, White Bonnaffon, Merry Christmas and 20 other leading varieties.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

10,000 chrysanthemums, 2 and 2¼-in. G. Pacific and Polly Rose, $1.50 per 100. Col. Appleton, $1.75 per 100. T. Eaton, $2.00 per 100. F. J. Taggart, $4.00 per 100. 25 and 50 at 100 rate. A. B. Campbell, Cochranville, Pa.

50,000 chrysanthemums. Golden Wedding, Maud Dean, Jerome Jones, Col. Appleton, Pacific, Robinson, Ivory; Bonnaffon, white and yellow, Polly Rose, $2.50 100; $20.00 1000.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Chrysanthemums, fine plants, 2½-in., $2.00; 3-in., $3.00. Robinson, Eaton, Jones, Golden Wedding, Appleton, Maud Dean, Bonnaffon and Chadwick.
E. Manthey, Jr., St. Bernard, Ohio.

Chrysanthemums, all the good kinds, true to name; 2¼-in., $2.25 100, $20.00 1000. 300 our selection, $5.00. Cash. Liberal count. Write us. Coolidge Bros., South Sudbury, Mass.

Col. Appleton, Bonnaffon, Mrs. Perrin, Wanamaker, Eaton, Viviand-Morel, Marion Newell, strong rooted cuttings, $1.25 100; $10.00 1000.
J. E. Felthousen, Schenectady, N. Y.

Chrysanthemums, all the best and most popular varieties, in 2½-in. pots and rooted cuttings. See display adv. for varieties and prices.
Poehlmann Bros. Co., Morton Grove, Ill.

Mums from 2½-in. pots, $20.00 1000. Bonnaffon, White Bonnaffon, Ivory, Pacific, Bergmann, Adele, Bride, Wanamaker, Halliday, Appleton.
A. A. J. La Roche, Collingdale, Pa.

1500 Wm. Duckham, strong rooted cuttings at $20.00 100; 25 at 100 rate; stock sent C. O. D., with privilege of examination.
G. A. Lotze, Jr., Glenburnie, Md.

Bonnaffon, Maud Dean, Ivory, Mrs. Weeks, out of 2¼-in. pots, $2.25 100. Rooted cuttings, $1.50 100. A. D. Montgomery, Hazleton, Pa.

Chrysanthemums. Young stock, 2½-in., ready now. See display adv. for varieties and prices.
H. Weber & Sons, Oakland, Md.

Chrysanthemum rooted cuttings. See display adv. for varieties and prices.
Bell Miller, Springfield, Ill.

Rooted chrysanthemum cuttings. For varieties and prices see display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemums, 2½-in., asst. vars., $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

YELLOW EATON, $3.50 per 100. Bonnaffon, $1.00 per 100. Otto H. Bourdy, Lowell, Mass.

CLEMATIS.

Large flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots at 18c; 1-yr., from 3-in., 9c. C. paniculata, from 4 and 5-in. pots, 12c.
W. H. Salter, Rochester, N. Y.

Clematis paniculata seedlings from flats, $3.00 per 500; $5.00 per 1000. Cash with order.
Frank Jencek, Jamestown, R. I.

Clematis, leading varieties, pot-grown, $2.50 per doz. F. A. Baller, Bloomington, Ill.

COBÆAS.

200 cobaeas, from 4 to 6 feet high, in bud and bloom, $15.00 100
L. Boelsen, Elmhurst, L. I., N. Y.

Cobaea vines, 5-inch, $2.00 doz. Cash.
Rhoten Bros. Co., Danville, Ill.

COLEUS.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hamer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
N. O. Caswell, Delavan, Ill.

Coleus, rooted cuttings, 6 leading varieties, $2.00 per 100, $5.00 per 700, $12.00 per 1000. Cash with order.
The Livingston Seed Co., Columbus, O.

Coleus Golden Bedder, C. Verschaffeltii and mixed, strong 2½-in., $1.50 per 100; $14.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Coleus Golden Bedder and Firebrand, 2½-in., $2.50 100; $20.00 1000. Rooted cuttings, 75c 100, $6.00 1000. J. L. Dillon, Bloomsburg, Pa.

Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
L. H. Foster, Dorchester, Mass.

Coleus, Golden Bedder and Verschaffeltii and 10 other var., 2-in. pots, $2.00 100; $18.00 1000.
Converse Greenhouses, Webster, Mass.

Coleus Golden Bedder and Verschaffeltii and mixed, 2½-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Coleus. Golden Bedder and Verschaffeltii. 2-in., strong, $1.00 100. Cash.
Byer Bros., Chambersburg, Pa.

Coleus, 2½-in. pots, 20 varieties, $1.25 per 100. Cash with order.
G. W. Renard & Bro., Avondale, Pa.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus Verschaffeltii, Victoria, etc., 2½-in., $3.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

Coleus, 2-in. pots, 15 to 24 inches high, $2.00 per 100.
Victor H. Thomas, Box 82, Augusta, Ky.

Coleus Golden Bedder, 2½-in. pots, $2.00 100.
F. G. Chapman, Hewlett, L. I., N. Y.

Coleus in twenty varieties, 2½-in., $2.00 100.
National Plant Co., Dayton, O.

CROTONS.

Crotons, good bedding varieties, 5 and 6-inch, $25.00 and $35.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta stems, 1 to 5 lbs. each. A large stock in splendid condition, in quantities to suit purchaser; special price on case lots. Write us immediately for a great bargain, stating the amount you can use and we will surprise you with an offer you cannot afford to reject. Last opportunity this season.
Suzuki & Iida, 31 Barclay St., New York.

Cycas revoluta stems, long-leaved variety, 1 lb., 10c; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; case, 300 lbs., $18.00. Stems range in weight from 1 lb. to 10 lbs.
Johnson & Stokes, 217-219 Market St., Phila.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas revoluta stems, per case of 300 lbs., 6c per lb.; broken cases, 8c per lb.; stems run from 1 to 5 lbs. each.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Cycas stems weighing from ½ lb. to 15 lbs. each at 10c a lb.; 25 lbs. for $2.00; 100 lbs., $7.00.
Henry F. Michell Co., 1018 Market St., Phila.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CYCLAMEN.

Cyclamen persicum splendens giganteum, finest strain in the world in four colors (separate), twice transplanted from flats, $3.00 per 100; $25.00 per 1000. Extra fine plants from 2½-inch pots, $5.00 per 100; $45.00 per 1000. Satisfaction guaranteed.
Paul Mader, East Stroudsburg, Pa.

Cyclamen, good strong 2-in. plants, a very fine strain, $5.00 per 100; 3½-in., $10.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen gig., our well-known strain, twice transplanted, ready for 3-in. pots, $5.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

GIANTS my specialty, 3-in., $8.00 per 100.
C. Winterich, Defiance, Ohio.

DAHLIAS.

Dahlia plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

1000 choice mixed double dahlias, $3.00 per 100. Make us an offer for the lot.
O. B. Stevens, Shenandoah, Iowa.

Dahlias, assorted, best varieties, $3.00 100.
Dean Ferris, Peekskill, N. Y.

DAISIES.

Burbank's new Shasta daisy, strong branching plants. Large plants in bud or bloom, 70c doz., $5.00 100, $45.00 1000. Express prepaid. Cash, please.
Des Moines Plant Co., 38th St., Des Moines, Ia.

Marguerites, extra fine plants, bushy, full of bloom, 4-in., $12.00 per 100; 3½-in., $9.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Marguerites, white and yellow, 2, 2½ and 3-in. pots, mixed, all in bloom, per 100, $2.50. Cash.
J. Sylvester, Oconto, Wis.

Dbl. daisies, transplanted, pink and white mixed, $1.00 100, $8.00 1000.
F. Griswold, Worthington, Ohio.

Shasta daisies, fine; 2-in., pot-bound, $3.00 per 100.
Iola Greenhouses, Iola, Kan.

DRACÆNAS.

Dracaena indivisa, strong, stocky plants, 18 to 24 inches high, 4½-in. pots, $15.00 per 100.
Henry Engler, 4651 Lancaster Ave., Phila.

Dracaena indivisa, 2-in., strong, $2.25 100.
E. I. Rawlings, Quakertown, Pa.

Dracaena indivisa, 3-in., $8.00 100.
L. H. Foster, Dorchester, Mass.

ECHEVERIA.

Echeveria secunda glauca, grown on shelves, light, cool and airy, $3.00 100; express paid on orders of $5.00 and over.
J. Bebbington & Son, Fredericton, N. B.

500 Echeveria secunda glauca, sturdy plants, 2½-in., $2.50 per 100.
Maurice J. Brinton, Christiana, Pa.

Echeveria secunda glauca, nice 2½-in., $2.50 per 100.
Walnut Hill Greenhouses, Independence, Mo.

FERNS.

FERNS OUR SPECIALTY.
Good assortment of ferns for jardinieres from 2¼-in. pots at $3.00 per 100, $25.00 per 1000.
FERN SPORES.
Gathered from our own stock, 35c per trade pkt.; 12 pkts., $4.00. Guaranteed fresh.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

Boston ferns. A1 pot-grown, 2½-in., 3½c each; 3-in., 8c; 3½-in., 12½c; 4-in., 15c; 5-in., 25c; 6-in., 40c.
Piersoni, 3½-in., 15c each; 6-in., 50c. Write for discount on 1000 lots.
Cation Greenhouse Co., 1101 Fifth Ave., Peoria, Ill.

PIERSON FERNS A SPECIALTY FOR LATE SPRING AND SUMMER DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

Pierson ferns, 2½-in., $8.00 per 100; young plants from bench, $5.00 per 100; large plants ready for 6 and 7-in., 50c each.
Boston ferns, 2½-inch, $4.00 per 100; also a fine line of 4, 5, 6 and 7-in. Write for special quotations.
Davis Bros., Morrison, Ill.

Piersoni ferns. Fine, one-year-old plants from bench, 50c each, $5.00 doz. Strong, well-rooted runners, $5.00 100; $40.00 1000. Well-established, 2-in., $6.00 100, $50.00 1000; 2½-in., $7.00; 3-in., $10.00; 4-in., $20.00 100.
A. C. Canfield, Springfield, Ill.

Pierson ferns, very true stock, strong rooted runners, $5.00 per 100; 2½-in., $8.00 per 100; 3-in., $10.00 per 100. Cash with order. Satisfaction guaranteed.
Baur Floral Co., Erie, Pa.

Fern spores. Adiantum, aspidium, cyrtomium, Davallia, nephrolepis, pteris, sep. per trade pkt., 25c; 5 pkts., $1.00. Mixed, pkt., 25c; 5 pkts., $1.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Nephrolepis exaltata Bostoniensis, nice young plants, $15.00 per 1000. All orders accompanied with cash filled first. Send P. O. order on Little River.
Soar Bros., Little River, Fla.

Fine Bostons, $1.50, $2.00, $2.50, $3.00. Piersoni at $1.50, $2.00, $2.50, $3.50 to $5.00. Both in smaller sizes, 2½, 3, 4, 5, 6, 7, 8 and 10 inch.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, all sizes. Fine Piersoni, in 2¼-in. pots.
JOHN SCOTT, Keap St., Brooklyn, N. Y.

Boston ferns, 4-in., $15.00 100; 5-in., $20.00 100.
Crown Point Floral Co., Crown Point, Ind.

Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up.
John Bader, Troy Hill, Allegheny, Pa.

Piersoni, 3½-in., 10c; $100.00 per 1000, 5-in., 25c; $25.00 per 100. 6-in., 35c., $35.00 per 100. Cash with order, please.
H. H. Barrows & Son, Whitman, Mass.

Boston ferns, 2½-in., $3.50 100; 3-in., $8.00; 5-in., $25.00; 6-in., $40.00. Also some fine specimens in pans.
W. H. Gullett & Sons, Lincoln, Ill.

Boston and Foster ferns, very fine, $25.00 to $50.00 100. In pots, 25c to $5.00 each. Small plants, $5.00 100.
L. H. Foster, Dorchester, Mass.

Boston ferns, 2¼-in., 3c; $30.00 per 1000; 3½-in., 7c; $70.00 per 1000. Cash with order, please. H. H. Barrows & Son, Whitman, Mass.

Boston ferns, fine bench grown, ready for 2 and 3-in. pots, $3.00 per 100; $25.00 per 1000.
S. B. Ritter, Port Royal, S. C.

Boston ferns, 2 and 2½-in., fine plants for growing on at $3.75 100; $35.00 1000.
Converse Greenhouses, Webster, Mass.

Boston ferns, 2 and 2½-in., $2.00; 3-in., $4.00; 4-in., $10.00 Adiantum cuneatum, large clumps from bed, $10.00 per 100.
Batavia Greenhouses, Batavia, Ill.

Boston ferns, 4, 5 and 6-in. pots, $15.00. $25.00 and $35.00 per 100.
H. Bornhoeft, Tipton, Ind.

Fine Boston ferns, 2½-inch, $3.00 100; $25.00 1000.
National Plant Co., Dayton, O.

Piersoni, 2½-inch, 75c doz.; $5.00 100.
CONARD & JONES CO., West Grove, Pa.

Boston ferns, 2½-in., $2.50 per 100.
The Fairview Floral Co., Beatty, Ohio.

Piersoni ferns, 2½-in., $6.00 100.
Springfield Floral Co., Springfield, Ohio.

FORGET-ME-NOTS.

Forget-me-nots, strong plants, 2½-in., $1.50 100.
L. W. Franks, Montpelier, Ohio.

Forget-me-nots, 3-in., $3.00 100. Cash.
O. L. Baird, Dixon, Ill.

FUCHSIAS.

Fuchsias, 2½-in., dbl. white and dbl. purple, and asst. single var., $2.00 100.
Springfield Floral Co., Springfield, O.

400 fuchsias, splendid plants in 3 and 3½-in., just coming into bloom, at 5c.
Otis F. Searles, L. B. 288, Nashua, N. H.

Fuchsias, 4 varieties, 2½-in., some in bloom, $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Fuchsias, in variety, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Fuchsias in full bloom, 4 and 5-in. pots, 6c.
J. A. Keeney, Monongahela, Pa.

Fuchsias, out of 2¼-in. pots, $3.00 100.
A. D. Montgomery, Hazleton, Pa.

Fuchsia Little Beauty, 3-in., $5.00 100.
Carl Hagenburger, West Mentor, Ohio.

Fuchsias, 2½-in. pots, $2.00. Cash.
F. G. Chapman, Hewlett, L. I., N. Y.

Fuchsias, 3-in, in variety, $3.00 100.
Dean Ferris, Peekskill, N. Y.

GENISTAS.

Nice 2½-inch plants, ready for a shift, 75c doz.; $5.00 100.
Conard & Jones Co., West Grove, Pa.

Genistas, 2½-in. pots, 3c; 4-in., 6c.
A. A. J. La Roche, Collingdale, Pa.

GERANIUMS.

Geraniums, 2¼-in. stock, A1 condition, $2.00 100; $20.00 1000. 1000 and over, our selection of 10 var., $17.50 1000. Dbl.—Centaure, Gen. Grant, Gen. de Boisdeffre, Viaud, F. Perkins, Mme. Barney, Mme. Canovers, Mme. Charotte, Mme. Jaulin, Mme. Landry, etc. Single—Granville, L'Aube, Mme. Bruant, Hill, Queen of the West, Gen. Grant, Wm. Ewing.
R. Vincent, Jr. & Son, White Marsh, Md.

15,000 geraniums, S. A. Nutt, Beaute Poitevine, Gen. Grant, Pasteur, A. Ricard, double red and white. Fine, short, bushy plants, in bud and in bloom, 4-in. pots, $6.00 100, $55.00 1000; 3-in. pots, $2.50 100, $22.50 1000; 2¼-in. pots, $1.50 100; $12.50 1000. Cash.
A. N. Towell, W. 200th St. and Ft. Washington Ave., New York, N. Y.

Geraniums, 4-in. Extra fine lot of S. A. Nutt, $8.00 per 100; 3-in., nice bushy plants large enough for any planting, $5.00 per 100. E. G. Hill, fine plants, 4-in., $8.00 per 100; extra strong 3½-in., $6.50 per 100. Atkinson, one of the best single reds, 4-in., $7.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Geraniums, 4-in., $8.00 100; 2½-in., $4.00 100. Ricard, Nutt, Hill, Viaud, etc., about 15 varieties. W. J. & M. S. Vesey, Ft. Wayne, Ind.

Geraniums Nutt, Doyle, Ricard, Perfection and Barney, September-struck stock out of 4-in. pots, strictly first-class in every way. We want to move 3000 quickly at $5.00 a hundred. Some 3-in. at $3.00 a 100; 2-in. at $2.00 a 100. Cash with order.
Rutledge Nurseries, Rutledge, Pa.

Geraniums. 400 Mrs. E. G. Hill, 300 Bruant, 100 La Favorite, 2¼-in., potbound, $2.00 per 100. Hill, Ricard, Poitevine, Bruant, Katie Schultz, La Favorite and Dryden, 4-in., stock fine, $6.00 per 100, without pots.
S. M. Harbison, Danville, Ky.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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Geraniums Jean Viaud, Mme. Thibaut, Poitevine, Mme. Landry, La Favorite and a good bedding semi-double scarlet, strong 4-in. stock, short, bushy plants, $8.00 per 100.
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1000 geraniums in 3-in. pots; good plants, in bud and bloom, of Grant, Perkins, Lafayette, Favorite, Souv. Effiel, Ricard, Hill, $4.00 per 100, $35.00 for the lot.
Wise Bros., East Aurora, N. Y.

Geraniums Jean Viaud, Beauty Poitevine, Dbl. Gen. Grant, S. A. Nutt, Buchner, Ricard, 3½ to 4-in. pots, very bushy and all in bloom, $4.00 and $5.00 100. Cash.
F. G. Chapman, Hewlett, L. I., N. Y.

5000 geraniums, best varieties, mixed, 4-in. pots, large, healthy, strong plants, $4.00 per 100, until sold. Order shipped same day as received. Cash with order.
F. A. Im Oberstag, Toledo, Ohio.

S. A. Nutt, Rev. Atkinson, J. J. Harrison, F. Perkins, Gen. Grant, Viaud, Gloire de France, 3-in., $3.00 100; 4-in., $5.00. Rose geraniums, 4-in., $5.00. Batavia Greenhouses, Batavia, Ill.

Geraniums. Heteranthe, 2½-in., $1.50 100; 3-in., $3.00 100; 4-in., in bud, $5.00 100. S. A. Nutt, 2½-in., $1.50 100; 3-in., $3.00 100. Cash with order. S. W. Carey, Jr., Urbana, Ohio.

Geraniums, 2½-in. pots. Poitevine, Viaud, La Favorite, Heteranthe, Nutt, $2.00 per 100. Ivy geraniums, Chas. Turner, Jean d'Arc, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

200 La Favorite and 50 E. G. Hill, in 4-in. pots, strong and in bloom, $6.00 per 100, or will exchange for maidenhair and Boston ferns.
O. B. Stevens, Shenandoah, Iowa.

Geraniums Viaud, Doyle, La Favorite, Poitevine, $2.50 100; $20.00 1000. Our selection, asst. kinds, $2.00 100; $18.00 1000.
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Geraniums, fine stock. Dbl. Grant, Nutt, La Favorite, etc., 4-in., $6.00 per 100. From 3-in., mixed, $4.00 per 100. Cash.
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Geraniums Dbl. Grant and Nutt, 4-in., $4.00. Mme. Salleroi, 2 and 3-in., strong plants, $1.50 and $2.50 per 100.
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Geraniums, 8000 S. A. Nutt, in bud, 3-in. pots, $4.00 100; $35.00 1000. Cash with order.
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SALLEROI, extra large, bushy, 3-in., $4.00 per 100, worth it; 2½-in., strong, $2.50 per 100. Otto H. Bourdy, Lowell, Mass.

Geraniums, 4-in., pink and white, fine plants, $5.00 100. Mme. Salleroi, 4-in., $5.00 100. Cash.
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Geraniums S. A. Nutt, vigorous plants from 2¼-in. pots, $2.25 per 100.
H. M. Totman, Randolph, Vt.

Geraniums Ricard, Grant, Nutt, mixed, 3½-in., $5.00 per 100.
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Geraniums, 4-in., in bloom, $6.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Geraniums. Standard varieties, 4-in. pots, 4½c. J. A. Keeney, Monongahela, Pa.

Geranium A. H. Trego, $3.00, $5.00 and $10.00 per 100. H. Bornhoeft, Tipton, Ind.

Jean Viaud, heavy plants, 4-inch, $5.00 100.
B. Frank Barr, Lancaster, Pa.

Geraniums, to close out, $3.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

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GLADIOLI. Headquarters for Groff's Hybrids (genuine) and others.
It is needless for me to expatiate upon the high quality of stock which I offer—buyers soon learn this.
"You can't eat your cake and have it." therefore all of our stock is grown with reference to securing strong bulbs and is not sacrificed for the bloom. Write for illustrated catalogue free.
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High grade gladioli, composed largely of Groff's hybrids, white, light shades, orange, yellow, striped and variegated, etc., $1.25 100; $10.00 1000.
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Gladioli, mixed varieties, at $8.00 per 1000.
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Our gladiolus bulbs are good. Try them.
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Pennisetum longistylum, fine stock of this beautiful grass, which makes one of the best borders for cannas; select stock, 4-in., $12.00 per 100; 3½-in., $8.00 per 100; 2½-in., just right for bedding, $6.00 per 100.
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Glycera spectabilis variegata, the newest and best ribbon grass, holds its coloring all summer, one foot high, $1.50 doz.; $10.00 100. Cash.
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Hanging baskets. These baskets are filled with Boston ferns and Asparagus Sprengeri, which were planted on January 1 and are now a mass of fronds. Prices:

9 inches	in diameter	$0.75	each
12 "	" "	1.25	"
18 "	" "	2.25	"

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SURPLUS HERBACEOUS PERENNIALS at 2c each. Achillea Millefolium roseum, A. The Pearl, A. tomentosa, Anemone Pennsylvania; Boltonia latisquama, B. asteroides, B. glastifolia; Coreopsis lanceolata; Coronilla varia; Helenium autumnale, H. grandiflorus striatum; Hibiscus militaris; Helianthus giganteus, H. mollis, H. decapetalus; Heliopsis Pitcheriana, H. scabra; Hemerocallis Thunbergii, H. Dumortierii; Pardanthus Chinensis; Rudbeckia fulgida, R. speciosa, R. Golden Glow; Veronica circaeoides.
Not less than 10 of one variety and no order received for less than $1.00 at these prices.
Orders will be filled liberally if sent soon. Cash with order.
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1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100, Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

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Perennial phlox, fine named sorts, 4 and 5-in., 15c. W. H. Salter, Rochester, N. Y.

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An extra fine lot of hydrangeas, in tubs, ranging in price from $2.00 to $4.00. They are in prime condition.
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Hydrangea Otaksa, good plants from $3.00 to $9.00 per doz.
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Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
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Ivy, German and English, 2-in., $1.75; rooted cuttings, 50c 100. Cash or C. O. D.
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English ivy, 2½ and 3-in. pots, $2.50 and $4.00 per 100. H. Bornhoeft, Tipton, Ind.

English ivy, 4-in., very bushy, $7.00. Cash.
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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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Lantanas, 4 varieties in bud and bloom, 2½-in. pots, $2.50 per 100.
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Lantanas, 10 var., 2¼-in., 40c doz.; $2.00 100. $17.50 1000.
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Lantanas, 5 sorts, 2½-in., $2.00 100.
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Lily of the valley pips from cold storage, in original cases of 500, 1000 and 2500. Prices on application.
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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
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Cut lily of the valley of good quality always on hand.
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Lobelias, grown from cuttings, extra select stock, 4-in. pots, just coming into bloom, $8.00 per 100; 3½-in. pots, fine, $6.00 per 100; 2½-in., nice plants, $3.00 100.
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Lobelias (from cuttings), 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

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Maranta Messangeana, 2¼-in., 75c doz., $4.00 100.
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MARIGOLDS.

Marigolds, 3-in., $3.00 100. Cash.
O. L. Baird, Dixon, Ill.

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Moonvines, blue, 2¼-in., 50c doz., $2.00 100.
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Nasturtiums in bloom, 2½-in. pots, $1.75 100. J. A. Keeney, Monongahela, Pa.

Nasturtiums, 3-in., $1.50. Cash.
F. G. Chapman, Hewlett, L. I., N. Y.

OLEANDERS.

Oleanders, 2½-in., dbl. white and dbl. pink. $2.50 100.
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ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

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Palms, fine plants; more for your money than from Belgium.

Latania borbonica,	from 5½-in pots.		$25.00	100
Kentia Belmoreana,	"	3-in. "	15.00	"
" "	"	4-in. "	25.00	"
" "	"	4½-in "	35.00	"
" "	"	5-in. "	45.00	"
" Forsteriana,	"	3-in. "	20.00	"
" "	made-up plants, 5 to 7 in. pots, about 2½ to 3 ft. high, $18.00 per doz.			

Cash with order, please.
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PALMS—Continued.

1 specimen Chamaerops Thun., 7 ft. high, 6 ft. spread, 20-in. tub. 1 specimen Corypha Australis, 6 ft. high, 5 ft. spread, 16-in. pot. 1 specimen Chamaerops, 9 ft. high, 8 ft. spread, 22-in. tub. 2 specimen Phoenix tenuis, 6 ft. high, 14-in. tub. 2 specimen Latania borbonica, 5x5 ft., 14-in. pot. 2 specimen Dracaena indivisa, 8 ft. high, 12-in. pot. 2 specimen Latania borbonica, 6 ft. high, 6 ft. spread, 18-in. tub; height includes tub.
A. Klokner, Wauwatosa, Wis.

Large palms suitable for lawn or porch decoration.

	Feet.	Each.
15 Kentia Belmoreana	4 to 5	$2.50
15 " "	3 to 4	2.00
12 Phoenix	4	2.00
4 Latania	4	3.00
6 Areca	4	1.50

Wagner Park Conservatories, Sidney, Ohio.

Fine palms. Per 100:
300 Kentia Forsteriana, 3-in. pots.....$12.00
600 Kentia Forsteriana, 4-in. pots..... 25.00
200 Kentia Belmoreana, 4-in. pots..... 25.00
200 Latania borbonica, 5-in. pots..... 25.00
Walker & McLean, Youngstown, Ohio.

Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00; 6-in., $15.00 per doz.; from 7-in. and upward, at $1.75 to $35.00 each.
John Bader, Troy Hill, Allegheny, Pa.

Chamaerops excelsa, extra strong 4-in., ready to shift, $10.00 per 100. Kentia Belmoreana, 2½-in., fine palms, 6 leaves, $10.00 per 100. Cash. S. B. Ritter, Port Royal, S. C.

Kentias, Forsteriana and Belmoreana, extra heavy, cool-grown stock, from 3-inch, $15.00 100; from 4-inch, $25.00 100.
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Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 25 to 35 in. high, 75c to $1.00 each.
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Kentia Belmoreana and Forsteriana, 3-in., cool-grown, 5 to 6 leaves and dwarf, $12.00 100.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Palms and other decorative plants.
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Philadelphia-grown palms. Write.
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Giant pansies, transplanted, fine stocky plants in bud or bloom, from best seeds obtainable, $1.20 100; $10.00 1000. Express prepaid. Cash.
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PECAN TREES and NUTS. Budded, grafted and seedling trees, 1, 2 and 3 yrs. old; 27 varieties. Wholesale and retail.
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Pelargoniums Mme. Thibaut, Sandiford, Victor, Red and Jack, in bud and bloom, 2-in., $2.00; 3-in., $4.00; 4-in., $6.00 per 100.
Batavia Greenhouses, Batavia, Ill.

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Peonies, 12c. W. H. Salter, Rochester, N. Y.

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Dbl.-fringed petunias, good varieties in bud and bloom, $2.50 per 100; $20.00 per 1000. 250 at 1000 rate. Krueger Bros., Toledo, O.

Petunias, dbl. fringed, 6 distinct var. from 2½-in. pots, labeled, $2.00 100, $18.00 1000. Cash.
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Double petunias, 3 and 4-in. pots, $5.00 per 100. Cash.
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Improved Chinese primroses, from finest seed, $2.00 per 100; July delivery.
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Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Rhododendron maximum, absolutely hardy, well-rooted layers and young plants for nursery, 10 to 24 inches high, at $10.00 per 100. Strong plants and specimens, from 20 to 48 inches high, at 50c to $2.00 each. No charge for packing, etc.
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Rose plants.

		100	1000
American Beauty,	2½-in. pots	$5.50	$45.00
American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
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ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay.	$5.00	$40.00	Maid	$2.50	$20.00
Sunrise	5.00	40.00	Bride	2.50	20.00
Kaiserin	2.50	20.00	Perle	2.50	20.00
Liberty	5.00	40.00	G'den Gate.	2.50	20.00
Ivory	2.50	20.00			

American Beauty, 3-in., $6.00 100; $50.00 1000.
American Beauty, 2-yr.-old, from bench, $6.00 per 100; $50.00 per 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
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The Fairview Floral Co., Beatty, Ohio.

GRAFTED ROSES. 100,000 rose plants on Manetti, all from choice flowering wood, ready for immediate shipment. Liberties, $15.00 per 100; Bridesmaids, $12.00 per 100.
Chatenay rose plants, 2½-in., $6.00 per 100; $50.00 per 1000.
Rose plants from benches. American Beauties, 1-yr.-old, $4.00 per 100, $30.00 per 1000; grafted Brides and Maids, $4.00 per 100, $30.00 per 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate....	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty	5.00	45.00
Liberty	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
American Beauty, 2-yr.-old plants from bench, $5.00 100, $40.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
3-in.....$6.00 per 100; $55.00 per 1000
4-in..... 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

Dorothy Perkins and Farquhar, the two new Rambler roses, which are equally as good as Crimson Ramblers, except in color, which is a soft pink. I have fine young stock to offer, from 2½-in. pots, in excellent condition, at $10.00 per 100. Order at once before we plant them out. Cash with order, please.
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ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Roses Marechal Niel, The Bride, Ball of Snow, 2½-in., $2.50 100; $20.00 1000. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snow Flake, 2½-in., $2.00 100; $18.00 1000. Ball of Snow, strong plants from 4-in. pots, $7.00.
Springfield Floral Co., Springfield, O.

The grand, new pink rose LA DETROIT, now in 3-in. ready for planting, $25.00 per 100; $200.00 per 1000.
Surplus stock—Grafted—Maids, Cusins, $12.00 per 100. Own roots—Perles, Cusin, 3-in., $8.00 per 100; Bon Silene, 2½-in., $6.00 per 100.
John Breitmeyer's Sons, Detroit, Mich.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $30.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

	100 2½-in.	100 3-in.		100 2½-in.	100 3-in.
Beauties	$5.00	$8.00	Maids	$3.00	
Perles	3.00	6.00	Brides	3.00	$5.00
Meteors		6.00	GoldenGates	3.00	5.00
Ivory	3.00	5.00	Special price on 1000.		

W. H. Gullett & Sons, Lincoln, Ill.

Roses. Fine stock of Beauties, La France, Golden Gates, Ivories, Perles, etc., in 2x3 and 3x3-in. pots. Also Meteors, Brides, Maids, Ivories, Gates, Perles, La France, Kaiserins, Woottons, Siebrecht, Carnot, Beauties and Liberties in 2x2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Roses. Strictly No. 1 stock. Maids, Brides, Gates, 2½-in., $25.00 1000; 3½-in., $50.00 1000. Beauties, 2½-in., $6.00 100, $50.00 1000.
Old Beauties, from bench, $6.00 100. Old Teas, from bench, $4.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Roses. Kaiserins, Maids, Brides, 3-in., $5.00 100. Liberty, Sunrise, Perles, 3-in., $8.00 100. All young clean stock ready for planting. Cash, or reference with order, please.
C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

American Beauties, 3-in., 2½x3 and 2x2½. All kinds of teas. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, G. Gate, Liberty, Carnot and a few Meteors. Stock A1. Prices right.
Geo. A. Kuhl, Pekin, Ill.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100, $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses. 2500 Perles, very strong; 3000 Kaiserins: 4000 Cochets, pink and white; 5000 Hermosas; 2500 C. Soupert, 3-in., $5.00 100; $45.00 1000.
J. D. Brennemann, Box 24, Harrisburg, Pa.

H. P. roses, fine 2-yr., field grown plants. Gen. Jacqueminot, La France, etc., leading sorts, 12c. Crimson Rambler, 2-yr., strong, 12c. C. Rambler, XXX, 20c. W. H. Salter, Rochester, N. Y.

Roses, 2-in. pots, $3.00 per 100. Gen. Jacqueminot, Camille de Rohan, Vick's Caprice, Hermosa, Capt. Christy, Coquette des Blanches.
C. M. Niuffer, Springfield, Ohio.

Maids, Brides and Golden Gates, 2½-in., $3.00 per 100. 600 fine, clean Meteors, 3-in. pots, just right to plant at once, $8.00 per 100.
Walker & McLean, Youngstown, Ohio.

Roses. Brides and Maids, large bushy plants, 2½ and 3-in. pots, $22.50 and $27.50 per 1000. Woottons, 3-in., $4.00 per 100.
H. Bornhoeft, Tipton, Ind.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La Reine, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

Roses. Brides, Bridesmaids, Golden Gates, Ivory and Meteors, 2½ and 3-in., $3.50 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Roses. Bridesmaid roses from 3½ and 4-in. pots, extra fine, $4.50 100; $40.00 per 1000.
E. T. Grave, Richmond, Ind.

500 of the new Dorothy Perkins pink rambler rose, out of 4-in. pots, 12 to 20 in. high, $6.00 100; $10.00 200. Cash.
Geo. E. Ward, Beverly, Mass.

American Beauties, 2 in., to close out, $30.00 per 1000. Meteors, 2½-in., $15.00 per 1000. All strictly first-class.
J. A. Budlong, 37 Randolph St., Chicago.

LA FRANCE roses, choice stock, 2½-in., $3.00 per 100. KAISERINS, choice stock, 3-in., $5.00 per 100.
HONAKER, The Florist, Lexington, Ky.

Rose plants, ready to plant now. Bride and Bridesmaid, from 3-in. pots, $45.00 1000. Cash with order.
Ernst F. Hoehl, Somerville, N. J.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write. Geo. A. Kuhl, Pekin, Ill.

Queen of Edgely, 2½-in., $6.00 100; $55.00 1000; 3-inch, $8.00 100; $75.00 1000. Old stock, $6.00 100. Geo. Harrer, Morton Grove, Ill.

AMERICAN BEAUTIES. A nice lot from 2½-in. pots, $6.00 per 100, or $50.00 per 1000.
Emil Buettner, Park Ridge, Ill.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Hillside Liberties, strong, healthy plants, 2½-inch, $60.00 1000; 3-inch, $80.00 1000. Cash.
E. Towill, Roslyn, Pa.

1000 Brides, 1000 Bridesmaids in 3½-in. and 4-in. pots, $4.50 100; extra fine, clean stock.
M. B. Maguire, Madison, N. J.

Queen of Edgely, Sunrise and American Beauty, 2½-inch, $6.00 100; $50.00 1000.
Myers & Samtman, Chestnut Hill, Pa.

BEAUTIES, 2¼-in., 3-in. and 4-in. stock, IVORY, 3-in. Write for special prices.
J. F. Wilcox, Council Bluffs, Iowa.

1000 first-class Bridesmaids, out of 3-in. pots. $40.00 cash will buy the lot to close out.
T. W. Lydecker, Englewood, N. J.

Roses. Brides and Bridemaids from 3-in., strong selected stock, $3.50 per 100.
Wm. L. Rock Flower Co., Kansas City, Mo.

Roses. Kaiserin and Perle, 2½-in., $3.00 100. Brides and Maids, 2½-in., $2.50 100.
J. C. Murray, Peoria, Ill.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

Extra choice Kaiserin roses, for summer blooming. 4-in., $4.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves, for May and June delivery, $16.00 per 100, $150.00 per 1000. Less than 100, 17c.
A. C. OELSCHIG, Savannah, Ga.

Ficus elastica (Belgium), 4-in. pots, 25c.
G. Aschmann, 1012 Ontario St., Phila., Pa.

SALVIAS.

Salvia Lord Fauntleroy, the only real dwarf salvia; does not grow higher than 18 to 20 inches, early flowering. The best novelty Thorburn has brought out in years; nice plants in bud and bloom, bushy, 3½-in., $12.00 per 100.
Highland Park Greenhouses, Highland Park, Ill.

Salvias, strong, 2¼ to 3-inch pots, $2.00 to $3.00 100; $17.50 to $25.00 1000.
J. S. Bloom, Riegelsville, Pa.

Salvia splendens, 2½-in., $2.00 per 100.
Krueger Bros., Toledo, Ohio.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

Primula sinensis fim., English grown, trade pkt., 50c. P. Forbesi, trade pkt., 25c. Cineraria hyb. grand., trade pkt., 50c. Calceolaria hyb. grand., trade pkt., $1.50. All types, including self-colored, tigered, mottled, variegated, spotted, Gloxinia grand., trade pkt., 50c. Exclusive French hyb., including Fire King, Defiance, Frederic, etc.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

SEASONABLE SEEDS for present sowing. Quality second to none. Calceolaria, cineraria and primula seed, 50c trade pkt. Send for trade list.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
Drake Point Greenhouses, Yalaha, Florida.

Smilax. 2000 fine, clean plants, 2½-in., $2.00 per 100; $18.00 per 1000. 500 at 1000 rate. Cash. Sample 5c.
John Beimford, Wilton Junction, Iowa.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus seed, $4.00 per 1000; 40c per 100. Cash, please.
Albert Buckwell, Woodbridge, Fla.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Asparagus plumosus nanus seed, fresh, $1.00 per 100; $7.00 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

Giant pansy seed, choice mixed, per trade packet, $1.00. Beaulieu, Woodhaven, N. Y.

Asparagus plumosus seed, $4.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in. pots, bushy plants, $1.25 per 100. Cash with order.
G. W. Renard & Bro., Avondale, Pa.

Smilax. Strong 2-in. pots, once topped, good stock, $2.00 per 100.
W. E. Gravett, Lancaster, Ohio.

Smilax from flats, transplanted, $1.50 per 100; $12.00 per 1000.
Walker & McLean, Youngstown, Ohio.

Smilax, 2,400 well-grown stock, 3-in., $20.00 per 1000. Cash.
J. Van Lindley Nursery Co., Pomona, N. C.

Extra fine smilax ready to make vines, $2.00 per 100. Cash.
East Side Floral Co., Champaign, Ill.

Smilax seedlings, fine, $1.00 1000; prepaid for 20c 100. Cash.
Byer Bros., Chambersburg, Pa.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

2-in. smilax, $1.20 100, $10.00 1000.
F. Griswold, Worthington, Ohio.

Smilax plants, 2¼-inch, $2.00 100.
J. S. Bloom, Riegelsville, Pa.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

SNAP DRAGONS.

Snap Dragons, 2-in., $1.50 100. Cash.
O. L. Baird, Dixon, Ill.

STOCKS.

Stocks, large flowering ten-weeks; large, transplanted, all colors mixed, per 100. $1.50.
J. Sylvester, Oconto, Wis.

STROHLIANTHES.

Strobilanthes Dyerianus, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

SURPLUS STOCK.

See our display adv. in issue of May 26 for SPECIAL OFFER on surplus stock. There is money in it for you.
Iowa Seed Co., Des Moines, Iowa.

VEGETABLE PLANTS

Cabbage plants E. J. Wakefield, strong transplanted stock, $2.50 per 100.
F. Griswold, Worthington, Ohio.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.

RED NANSEMOND OR RED JERSEY, $1.50 per 1000.

EARLY RED, HAYMAN SPANISH, PIERSON, VINELAND BUSH, WHITE BUSH and NANCY HALL, 30c per 100; by mail.

TOMATO PLANTS—Thrifty and stocky field-grown Stone plants, $1.00 per 1000; $7.50 per 10,000.

A large stock of stout, healthy plants now ready. Cash with order.
H. AUSTIN, Felton, Del.

CABBAGE—Early and Charleston, Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

TOMATO—Earliana, 40c per 100; $2.00 per 1000. Stone, Paragon, Favorite, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—White Plume and Golden Self-blanching, 25c per 100; $1.00 per 1000.

PEPPER — Bull Nose, Ruby King, Sweet Mountain, 40c per 100; $2.00 per 1000.

PARSLEY—Moss Curled, 25c per 100; $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

On cabbage, tomatoes and celery, we are prepared to make special price on large lots.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. Cabbage—Early Summer, Charleston or Wakefield, transplanted, strong, $2.40 per 1000; 30c per 100. Danish Ballhead and Bridgeport Drumhead, field-grown, $1.00 per 1000; $8.50 per 10,000.

Cauliflower—Transplanted, $5.00 per 1000; 60c per 100.

Celery—Transplanted White Plume, $3.00 per 1000. Field-grown White Plume and Giant Pascal, $1.00 per 1000; $8.50 per 10,000.

Egg plants, 2-in. pots, $2.00; 3-in. pots, $4.00 per 100.

Peppers—Transplanted, $3.50 per 1000; seedlings, $1.50 per 1000.

Tomatoes—Dwarf Champion, Acme and Early Market, $1.50 per 1000; transplanted, $2.50 per 1000. Cash with order.
L. Mosbaek, So. Chicago, Ill.

Cabbage—Early Summer, All Head, Drumhead and Danish Ballhead, winter field-grown, strong, $1.00 per 1000.

Tomatoes—Acme, Stone and 6 other seedlings, $1.00; strong transplanted, $2.50 per 1000.

Celery—White Plume, transplanted, $2.50 per 1000; seedlings, $1.00, and 4 other varieties.

Egg plants, peppers, sweet potatoes, celeriac, leek, cauliflower, kale, beet, parsley.

Cash with order. Price list mailed.
L. Mosbaek, Phone 105, Onarga, Ill.

Cabbage—Wakefield, Succession, Early and Late Flat Dutch and others, $1.00 per 1000; 5000 for $4.00.

Tomatoes—Stone, Beauty and others, $1.00 per 1000.

Cauliflower—Early Snowball, $2.50 per 1000.

Peppers and Egg Plants—$2.00 per 1000.

Sweet Potato Plants—Yellow and Red Jersey, $1.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

TOMATO—Plants, 10 to 12 in. tall, $1.00 per 100, $7.50 per 1000; 5 to 6 in. tall, 75c per 100, $5.00 per 1000. Moore's King of the Earlies, Livingston's Dwarf Stone, Maul's New Imperial, Livingston's Beauty, Chalk's Early Jewel, Dwarf Champion, Perfection, Favorite, Earliana, Acme.

Frank Shearer & Son, Market Gardeners, Binghamton, N. Y. Distance phone.

Tomatoes, 40c per 100: Perfection, Stone, Dwf. Champion, Yellow Plum. Kohlrabi, 35c 100. Cabbage, 30c 100: Early, Late and Red Rock.
H. F. Janssen, 109 N. State, Springfield, Ill.

Cabbage plants—Succession, Danish Ballhead (true seeds).

Tomatoes—Ponderosa, Beauty, Dwarf Champion.

Celery—Golden Self Blanching, White Plume, Giant Pascal. All the above, $1.25 1000; 20c 100. Express prepaid in U. S. Cash.
Des Moines Plant Co., 38th St., Des Moines, Ia.

Cabbage—Late Flat Dutch, Burpee's Surehead, large late Drumhead.

Tomatoes—Stone, Livingston's Beauty, Paragon, and Royal Red, $1.00 per 1000, $8.50 per 10,000. Cash. See aster advertisement.
Byer Floral Co., Shippensburg, Pa.

Transplanted celery plants, Giant Pascal, White Plume, 50c per 100, $4.00 per 1000.
T. C. Breece, West Berlin, Ohio.

Sweet potato plants, Southern Queen, $1.50 per 1000. J. A. Keeney, Monongahela, Pa.

VEGETABLE PLANTS—Continued.

200,000 tomato and cabbage plants ready to ship by May 25. Price, 15c per 100, $1.00 per 1000. Guaranteed A No. 1 stock. Cash, please.
S. J. McMichael, 142 Larkins St., Findlay, O.

Cabbage—Early Jersey Wakefield and Original Surehead, fine, stocky, COOL-GROWN plants, 50c 100; $2.95 1000. Cash.
Ray H. Palmer, Randolph, N. Y.

Cabbage plants, all varieties, 75c per 1000; shipped safely anywhere direct to your customers; four express companies.
A. B. Katkamier, Macedon, N. Y.

Celery plants, strong and stocky, at $1.25 per 1000 here. Cash with order. No checks.
Peter J. Schuur, Kalamazoo, Mich.

Tomatoes—2000 strong Ponderosa, Stone and Beauty, 10 to 12-in., $1.00 100; $7.00 1000.
C. L. Walker, Belmont, N. Y.

Egg plants, 2¼-in. pots, $2.00 100; $15.00 1000. J. S. Bloom, Riegelsville, Pa.

Tomato plants, $1.00 per 1000; $8.00 per 10,000. H. Bornhoeft, Tipton, Ind.

VERBENAS.

Verbenas. White, pink, purple, scarlet, all in bloom, $2.00 per 100.
S. M. Harbison, Danville, Ky.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbenas, 2½-in. pots in bloom and bud; fine plants, 2c. J. A. Keeney, Monongahela, Pa.

Verbenas in full bloom, 2½-in. pots, $1.75 100.
J. A. Keeney, Monongahela, Pa.

VINCAS.

20,000 Vinca variegata major, 2-in., $1.25 per 100; $10.00 per 1000. Cash with order.
P. J. Agnew, Springfield, Ohio.

1500 Vinca var. major, strong plants, 4-in., $7.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Vinca variegata, heavy plants from 4-inch, long vines, $8.00 100.
B. Frank Barr, Lancaster, Pa.

Vinca variegata, 2-in. pots, $2.00 per 100; $15.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Vinca variegata, 2½-in., $2.00 per 100.
Iola Greenhouses, Iola, Kan.

Vinca variegata, 2¼-in., $3.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

VIOLETS.

Improved Dorsett violets, strong 2-in. pots, $2.00 per 100; perfect violet color, most prolific and continuous bloomer known.
Geo. M. Brinkerhoff, Springfield, Ill.

Violets, strong and healthy, free from any disease, Marie Louise rooted runners, 75c per 100; $7.00 per 1000. Ready now.
Andrew Peterson, Paxton, Ill.

Violets from 2 in.: M. Louise, Lady Campbell and Princess of Wales, $20.00 1000; Imperial, the best dark, $25.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Princess of Wales violets, 2½-in. at $2.00 per 100; $15.00 per 1000. True stock. Cash, please, or C. O. D.
G. M. Naumann, 1537 Doan St., Cleveland, O.

Violets, Princess of Wales, fine young plants, 2¼-in. pots, $2.00 100; $15.00 1000. Cash.
A. N. Towell, West 200th St. and Ft. Washington Ave., New York, N. Y.

Violets Princess of Wales, California, Swanley White and Campbell, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

Lady Campbell violets, 2¼-in. pots, healthy stock, $1.75 per 100. Cash with order.
G. W. Renard & Bro., Avondale, Pa.

Rooted cuttings of Princess of Wales violets, $8.00 per 1000. Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

MISCELLANEOUS.

Small plants out of 2½-in. pots, $3.00 doz. Petunias California Giant and Inimitable Dwarf, Phlox Drummondii gig. 3-in. pots; Verbenas, Sweet Alyssum Little Gem, lobelias, trade-scantia, Pyrethrum, Golden Feather; alternatheras, Dusty Miller and Coleus Verschaffeltii, Golden Bedder and Firebrand.
G. Aschmann, 1012 Ontario St., Phila.

If you are short of anything in miscellaneous stock, write Geo. A. Kuhl, Pekin, Ill.

TO EXCHANGE.

To Exchange—Surplus chrysanthemums, about 100 each, from 2½-in. pots. Bonnaffon, Jerome Jones, Niveus and T. Eaton at $2.00 per 100. Will exchange for Kaiserin and La France roses from 2-in. pots.
Huss Floral Nursery, Augusta, Ga.

To Exchange—Surplus stock. Alyssum, 2½-in., $2.00 per 100. Red and yellow alternantheras, 2-in., $2.00 per 100; $18.00 per 1000. Begonia Vernon, 2-in., $1.75 per 100; 3-in., $3.00 per 100. Smilax, 2-in., $1.50 per 100. Will exchange some for 2-in. Swanley White violets, Boston ferns or small rubbers.
Vern L. Schluraff, Erie, Pa.

To Exchange—200 La Favorite and 50 E. G. Hill geraniums in 4-in. pots, strong and in bloom, $6.00 100 or will exchange for maidenhair and Boston ferns.
O. B. Stevens, Shenandoah, Iowa.

To Exchange—Will exchange roses (see list in classified columns) for carnations, cannas, white moonflowers. What have you? Address
The Fairview Floral Co., Beatty, Ohio.

To Exchange—Very large palms, 12 to 15 ft., for a pumping outfit with power attached; must be small and in good order.
F. J. Uibricht, L. B. 113, Anniston, Ala.

To Exchange—Pot-grown clematis, 4 leading kinds, choice stock, for 500 Princess violets in pots. F. A. Baller, Bloomington, Ill.

WANTED.

Wanted—About 15,000 bedding plants in 3 and 4-inch pots—geraniums, heliotrope, caladiums, salvias, lobelias, alyssum, dracaenas, etc. Write stating quantities and prices.
Parkside Greenhouses, 746 E. 70th St., Chicago.

Wanted—10,000 Maid, Bride and Gate rose, and 200 dbl. hollyhock plants. Write at once, giving description and lowest price.
John C. Hatcher, Amsterdam, N. Y.

Wanted—Bouvardia Humboldtii and Bouvardia Pres. Garfield, from 2-in. pots or flats. Address No. 124, care Florists' Review, Chicago.

Wanted—15,000 Marie Louise violet plants for July delivery; must be sand rooted. Address
A. A. Newbery, Spring Valley, N. Y.

Wanted—White moonflowers. State size and price. Address
The Fairview Floral Co., Beatty, Ohio.

BASKETS, ETC.

Baskets, Puerto Rico Mats, etc.
Franz Birnstiel, Coburg, Germany.

CUT FLOWER BOXES.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL

Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS

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E. H. Hunt, 76-78 Wabash Ave., Chicago.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

IN USING CYANIDE for fumigating a house 20x150 and thirteen feet to the ridge at the gardens of the Royal Botanic Society, it has been found a valuable aid to the even distribution of the gas to hang boards about a foot wide and five feet long above each generator and keep them swinging with a cord leading outdoors.

FAR FINER than the old type is Salvia splendens grandiflora and its brilliant scarlet calyces are much more persistent than is the old form.

W. J. GODFREY has been successful in extending the chrysanthemum season well into the new year and the Prince of Pinks is one of the results. It is purely a decorative variety, of good habit, free, of good color and very late. E. Molyneux says there is a great future for January and February flowering varieties. The N. C. S. will give an exhibition of chrysanthemums grown for market on December 14.

FUMIGATION should be practiced regularly about every fortnight, in the house of Begonia Gloire de Lorraine, to prevent mite, which is a most troublesome pest if it once gets a foothold, and is not then easily eradicated.

NEW METHODS are few only, but of great economic importance. Chief among them, perhaps, is the "retarding" process, or freezing apparatus, by which many hardy shrubs, plants, bulbs, vegetables and flowers may be held inanimate for months and then brought to perfection at will. In this way we get lilac and lilies and other things any day in the year, or just when we require them. The use of ether, again, assists materially in the process of forcing or acceleration, and the electric light may, on emergency, be pressed into our service to the same end.

If you have
A SURPLUS
in any line of
BEDDING STOCK
You can
MOVE IT AT ONCE
by advertising it in the
FLORISTS' REVIEW
Quote prices and sizes
There are many who are
SHORT
And in a HURRY for STOCK

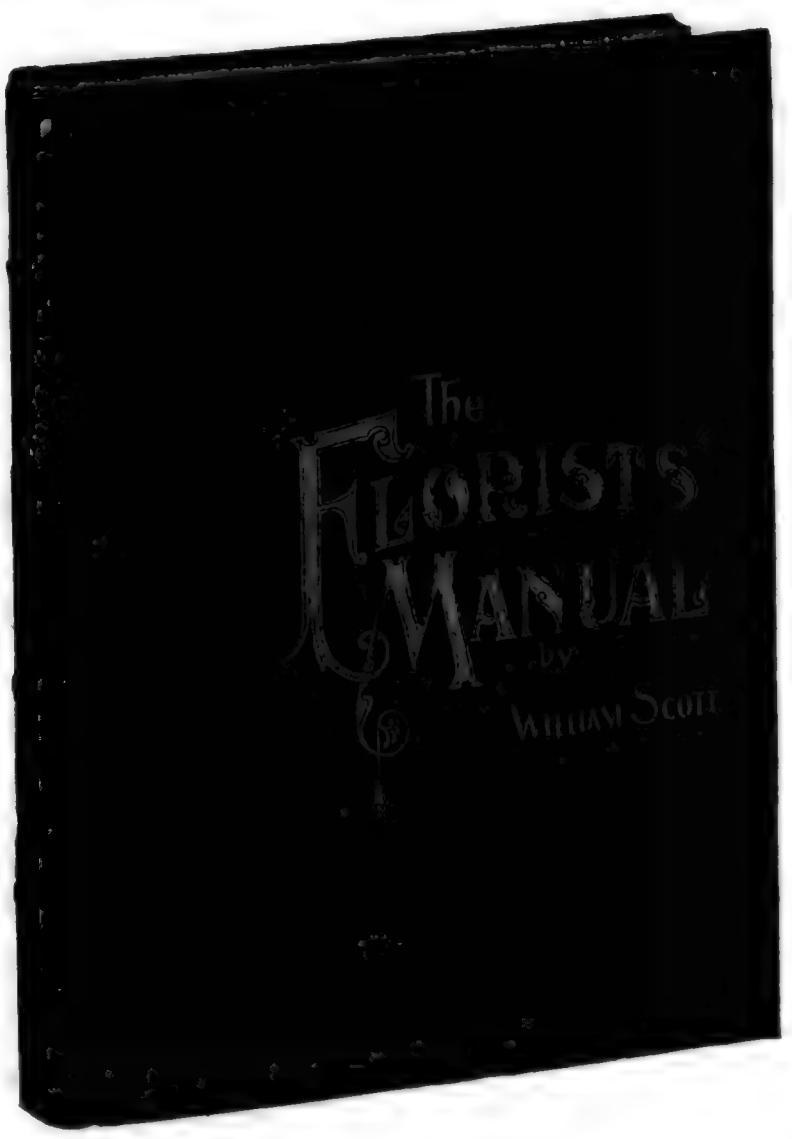
KANSAS CITY, Mo.—Ed. A. Humfeld says that spring trade has been very brisk.

HARDENING OFF.

The term, hardening off, is used, and seen in print, often enough, yet is the trouble always taken to fully realize what the expression really means? It means the preparation of tender plants to withstand exposure without being injured, and if this be so, is it at all times thoroughly understood, or properly carried into practice? We know it is not, and also that many valuable subjects of varied descriptions are annually sacrificed through carelessness or ignorance in attending to this matter.

Every one who knows anything about the nature of plants ought to know also that those, even such as are naturally hardy in cold climates, which have formed leaves and roots in a warm temperature cannot endure exposure to a much lower temperature than they have grown in without receiving more or less injury, unless they are previously inured to their altered conditions. It will be seen, then, how important it is to use good judgment in hardening off plants.

Ordinary bedding plants are sensitive; even the most hardy of these, raised in a high temperature. Those who have many of these to furnish know best how it taxes their powers to harden them satisfactorily, unless they have plenty of cool frames, or similar conveniences, at command; but, failing these, it is better to place the plants outside in the most sheltered positions available, and cover them during cold weather with old blinds, or something of the kind, than to keep them until bedding time in a close house. In many cases more mischief is apparently done to the plants, as may be seen if one of them is lifted and examined, through the check to the roots, than to that of the top growth.—Gardeners' Magazine.



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Caxton Bldg.,
CHICAGO.

MT. STERLING, KY.

The spring business has been better this year than at any time in the last ten seasons, especially in the call for well-grown plants, which has greatly exceeded the supply. Emil Frederich says that he thinks a great many growers are making a mistake in trying to stuff the market full of the "two for a nickel" kind of plants. He says that in his experience it is a great deal less work to raise 100 plants which you sell at $1.00 each than to raise 1,000 at 10 cents each and that the market for the better kind is a great deal more sure. He says that the trade does not want to buy poorer plants than those they can raise themselves and that the florist who tries to see how many plants he can crowd into a greenhouse is sure to find that he has a considerable portion of his stock to throw away at the end of each season.

East Orange, N. J.—F. W. Massmann has sold out to George Smith and on June 11 sails for Germany with his family on the Graf Waldersee.

"Am very much pleased with the results of the advertisement; at present have no stock to offer."—Wm. A. Finger, Hicksville, L. I., N. Y.

Orchard Park, N. Y.—M. L. Hampton & Co. are removing their establishment to Springville, where they have bought the Springville Greenhouses.

Toledo, O.—Miss Julia Imoberstag and Otto Krueger were married June 5. The bride is a daughter of C. F. Imoberstag and the groom is also a prosperous member of the trade.

The Review is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSweeney.

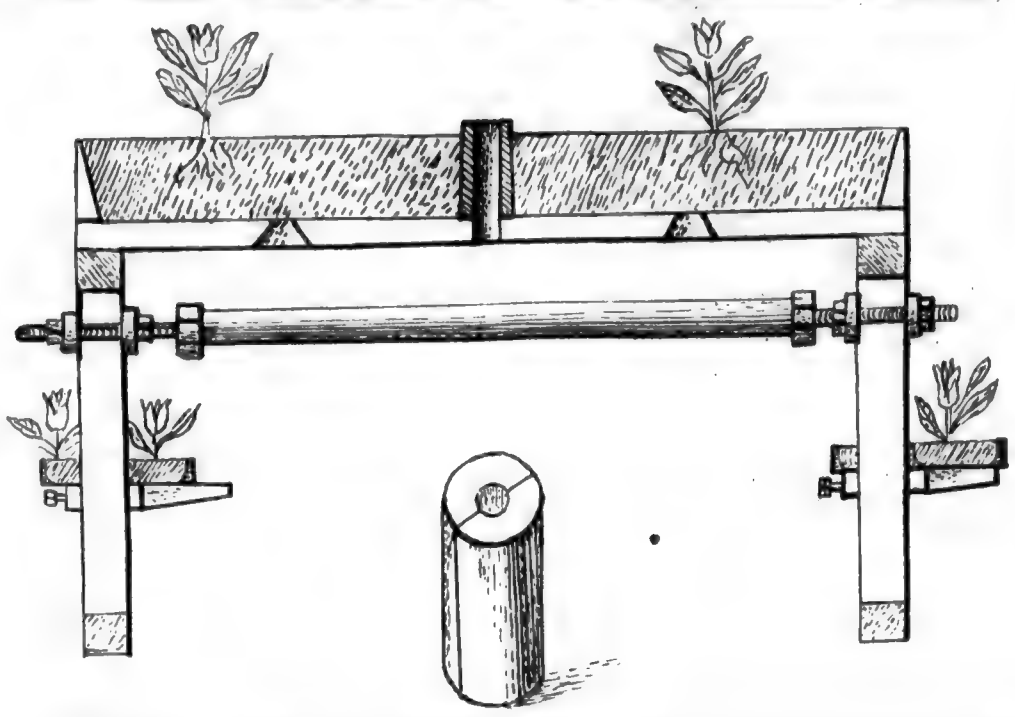
"The more we advertise in the Review the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—Wm. Bierstadt & Son, Springfield, Ill.

I go to the Review, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. Galloway, Eaton, O.

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Manufacturers of
Greenhouse Boilers,
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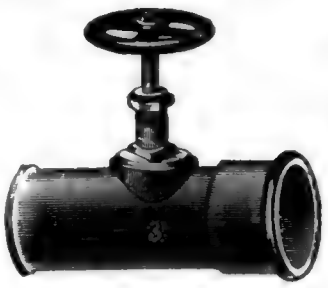


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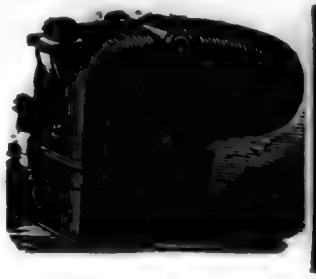
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of all LENGTHS and DIMENSIONS.

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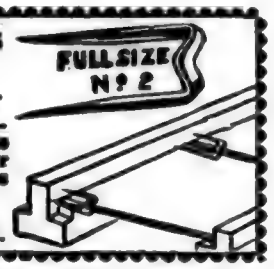
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See the Point
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No. 6	4x8x28	3.75	"	36.00	"
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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

New York Office: 201 West 135th Street.
J. Austin Shaw, Manager.

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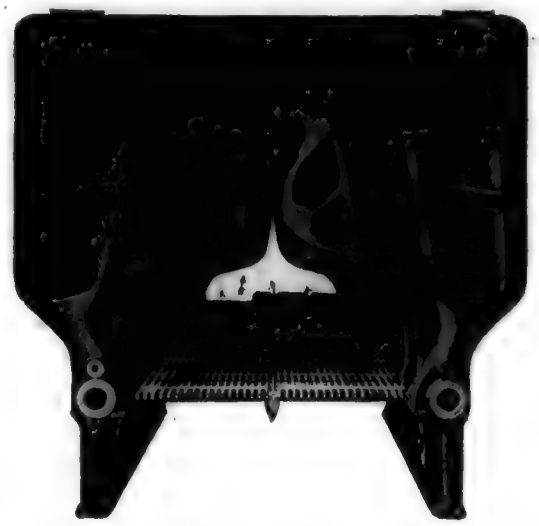
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THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

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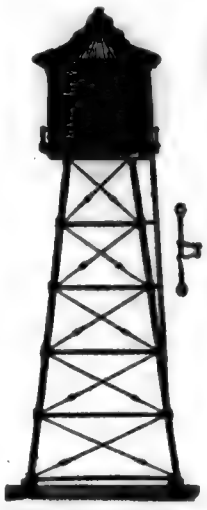
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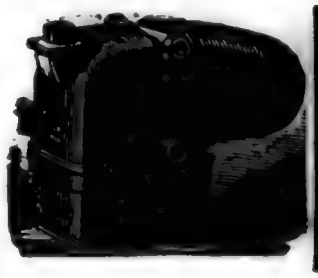
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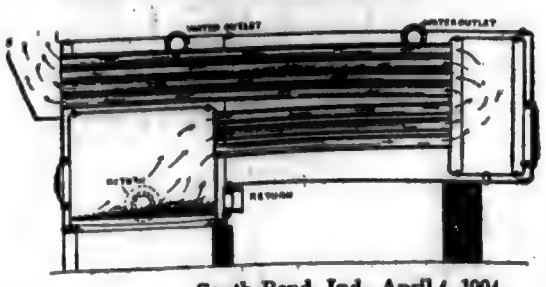
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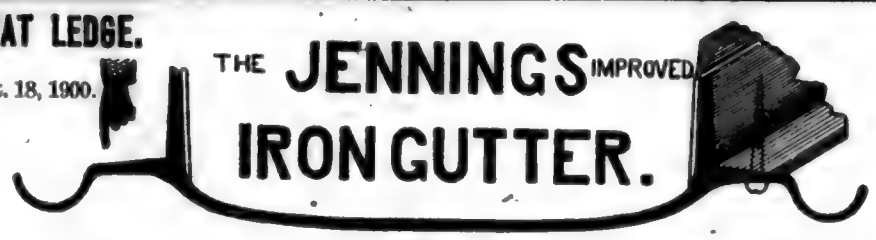
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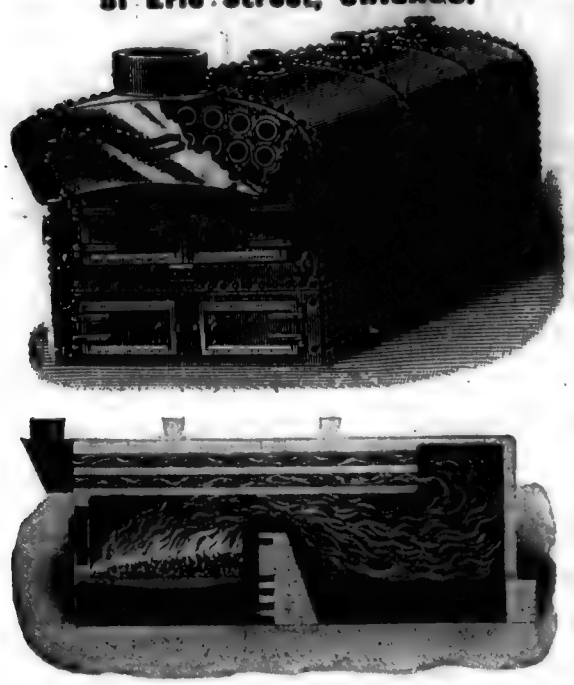
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Benches for Cut Flowers.

I had something to say two weeks ago about material for benches in our houses for pot plants. It may be a little late to discourse on benches and beds for our important cut flower plants, still many will yet be built, repaired or altered. In detached three-quarter-span houses with no glass in either front or back wall, it would be useless to adopt anything but the raised bench. Some old-fashioned ranges are often seen with the houses running east and west and a five-foot wooden partition dividing each house from its neighbor. These also would be unfit for anything but raised benches. So it is with the more modern house, either those fifty or thirty feet wide, with glass almost to the ground, or the large blocks of houses covering acres, with high gutters and no partitions, that the low beds of various designs are used.

Before we go into the subject of these ground beds, as they may be called, let me say that we built last year a raised carnation bench that we like well and, although it was only old Joost we planted on it, nothing could possibly have done better. The floor of the bench is hollow brick, 15x10 inches and about two and a half inches thick, resting on 2x4 scantlings fifteen inches apart and running the length of the bench and these in turn resting on 2x6 crosspieces every five feet. The tops of the 2x4s, where the tiles rest, were most thoroughly plastered with water lime (hydraulic cement) and I believe it will outlast a board bench, except cypress, at least three times and, of course, has the most perfect system of drainage. It is as easy and comfortable to remove and renew soil as on a board or plank bench, which is not the case with round 3-inch drain tile, often used for the purpose.

While the cost of this bench is not as great as of the one described two weeks ago, nor yet is it as lasting, but it is about twenty-five per cent more than one of 2-inch plank.

Few Really Solid Beds.

Before we discuss the different kinds of these low beds I want to say that where there are tile, ashes or rubble stone between the soil of the beds and mother earth they cannot be called "solid" beds and there are comparatively few who use the actual solid beds for either roses, carnations or chrysanthemums. Yet there are a few, and some of the most successful. It is worth mentioning that one of the few who are notably successful is in central New York. The soil on which the houses are built is naturally good and made better by deep plowing and working in plenty of animal manure. Then the houses are built with high gutters and no partitions. Then the beds are laid out with a 6-inch board for the edge and five or six inches of soil goes on top of the already enriched surface soil.

These roses last for five or six years, perhaps more. These are truly solid beds and, as their product has brought the highest price in New York City, you can only say that "nothing succeeds like success." The steam pipes are on the posts that support the gutters, two or three feet above the level of the beds. Vigor of growth, size of foliage and length of stem is wonderful, as the writer has often witnessed. With all this success, there are few who can follow the plan and there are some peculiarities of culture that are unique that I could not attempt to explain or advise.

When the pipes are on the posts only and all of them at least two feet above the surface of the beds, no matter whether they are solid beds or have tile beneath, the radiation of heat from the pipes is so directly vertical, or upward to the roof, that there is a suspicion that the atmosphere may be stagnant, without that free circulation of air so beneficial to plant growth. For instance, plants of almost all kinds if put up on a shelf near the glass, if not neglected for water, will outstrip in robustness of growth those on benches near the ground. It is not the increased light or nearness to the glass that has benefited these plants, but a freer and purer circulation of air on all sides of them.

With all this evidence that light and the better and purer circulation of air is near the glass, the roses in the solid beds, quoted above and whose luxuriance of flower and foliage could not be excelled, disproves the theory that your rose or carnation beds must be raised two or three feet above the surface of the house.

I am going to dismiss these solid beds by saying that for the general grower they are not to be recommended, for very few have suitable conditions and as ninety per cent of all roses are planted annually, and all carnations, then this great depth of soil is time and material wasted, as it has been proven beyond all question that four or five inches of soil will grow roses, carnations or chrysanthemums equal to the greatest skill or methods yet known.

Low Beds or Benches.

And now we come to the low beds, or benches, with drainage of some kind beneath the plants and only four or five inches of soil for the plants, which are by no means solid beds. And where houses are constructed so that they get the direct sun on these low beds it must be a great advantage to adopt them. I can't believe there will be much difference in the product of these beds and would advise the use of whatever material is cheapest and most available in your locality. It must be admitted the rotting out of wooden benches is not only costly in material used, but the time and labor to rebuild them. At the same time, too costly a bed or bench, with the view to permanency, in many cases is not advisable, for the evolution of greenhouse architecture and methods has been so rapid of late that you don't know how soon you may want to adopt some other plan. Old brick and tile can be used again. Old boards and planks are utterly useless.

The Ideal Bed.

The ideal bed for roses or carnations, in my humble opinion, is that so largely used at the Dale Estate, Brampton, Ont. First, two or three tiers of common brick are laid along for the sides of the bed. The space to the top of the bricks is filled in solid with any old soil you happen to have. On this soil, and projecting to the outer edge of the brick wall 3-inch round drain tiles are laid touching each other, and for an edge is five inches of cement, two inches wide on the tiles, tapering to one inch at the top. This would bring the surface of the bed, if three bricks were used, about eighteen inches above the paths, a most convenient height for roses or carnations.



Rose House at the Establishment of John Breitmeyer's Sons, Mt. Clemens, Mich.
(Showing bench construction, brick walls with tile bottoms.)

We have used two bricks for the wall and, instead of 3-inch round tile, a hollow brick five inches broad, four inches thick and twelve inches long. We prefer the hollow brick but either must be the best of drainage. Instead of the five inches of cement for the edge, just place a 2x6 scantling on the edge of the hollow bricks. True, this scantling will rot, but not for six or seven years, and that is quite a time to look forward to when it is so easily replaced. This bed last described costs about thirty per cent more than one built of 2-inch hemlock plank.

Another ground bench is four bricks laid up in cement for the sides of the bed. Then six inches of rubble stone is filled in and on top of the stone five inches of soil for your plants. Now, you may not have the stone on your farm, but if you have, this bed will cost one-half the cheapest wooden bench you could possibly build and, as for drainage, I think the rubble stone the most perfect of all. I am aware that where stone is not plentiful, clinkers and coarse ashes have been used with success, yet I can't speak from experience, as is the case with the stone.

Air Not the Essential.

Just let me say here that we attach no importance to the fall of the air passing through the drain tiles or hollow bricks. We would not seal up the ends of the tiles to prevent it, but can see nothing essential or beneficial in it. The drainage is in and through between the tiles, and as for air at the roots, they will get all they want from the surface, the natural way, and so these little brick walls about eleven inches high with six inches of rubble stone need no tiles to ventilate the bed, as we have seen done.

It is only justice to what I have been asserting to say that last summer we built two of these brick beds with stone for drainage. Each bed was 5x125 feet, a nice width, and although planted altogether too late with Lawson carnations from 4-inch pots, nothing could have done better and the quality of bloom and strength of growth showed they were enjoying their environment, and are doing so to this day. The most orthodox believer in the raised wooden bench with 2x6 plank for a bottom would not assert that the space of one-half or three-quarters of an inch between the boards or planks was anything but for drainage, and this six inches of stone is infinitely better drainage than the boards.

Another Good Bench.

Still another. Supposing from one cause or another you have no time, or perhaps none of the needful, to build the brick and tile bench, or the much cheaper one with the little brick walls and stone drainage. Then what's the matter with putting up a 12-inch plank for the side of the bed and filling in with six or seven inches of rubble stone or crushed stone or clinkers? The plank will last at least six years and will answer all the purposes of the brick wall and, although the cost of material will not be so different, the cost and time of putting it in place will be one-tenth that of the brick. Where stone is not found on the land, there may be stone quarries in the neighborhood where the "chip" stone is sold cheap enough. Where there is neither, there may be brickyards where spoiled and imperfect bricks are sold cheap, and if none of these, you have clinkers and the coarsest of last winter's ashes. The quality of soil you use, combined with your skill and, more than all, care, is what will count for your success or failure.

Those who have been uniformly successful with the fast decaying, awkward to work, laborious to fill and empty, raised wooden benches are slow to believe in any other. Yet I can but foresee that the three-quarter-span, long-slope-to-the-south house and the step ladder benches are fast disappearing and where the modern range of two or three acres without a partition, devoted to one class of plants, or the still more modern fifty-feet-wide house with glass almost to the ground, the raised benches are two feet of folly, expense and worry.

William Scott.



WORK WITH BEAUTY.

Planting, which should constitute the largest part of the work during the rest of the month, should be vigorously pushed, so that the young stock may make some headway before the real hot weather commences. Every day of delay now is curtailing the growing season, cutting off, in fact, the best and most active part of it, especially so in the case of Beauties, which should have a long season of growth to develop a stocky, bushy plant before putting them into crop, if we desire to have them in good bearing shape by the holiday season, when the demand is good and prices fair.

During this month, when the majority of the larger growers have replanted their houses, there is frequently a demand for Beauties and other roses which is an inducement to defer planting for a week or two, under the impression that this is a saving method and that by greater care and attention to the young stock they can be made to catch up with the earlier planted stock. A few seasons of experience and careful comparison where strict records are kept will prove this to be a fallacy, as the returns invariably show in favor of early planting.

Beauties which are late in being planted must, in order to catch up, even in appearance with early planted stock, require more care, attention and coddling and are usually hustled along at such a rapid rate that the growth is too soft and spongy to enter on the winter with a fair chance to set their buds in time for the best and most remunerative market of the season.

To secure a really good quality of wood for this purpose plenty of ventilation, both day and night, is absolutely necessary and if the nights are too cold to admit of this without firing, it is a poor system of economy to withhold heat, and this applies not only to Beauty growing but to all classes of roses under glass.

Being a rapid grower and a gross feeder the Beauty requires large supplies of water to keep the food in an assimilable form, and the soil cool. This liberal use of water also entails persistent cultivation of the surface to keep it sweet and free from caking, which, next to ventilation and watering, is one of the most important essentials in Beauty growing. This should be continued until the bench is so well filled with roots that further cultivation might be injurious.

To prevent the insidious attacks of thrips, fumigating should be systematically practiced. A light application once a week, if done during the early morning, when the house is comparatively dry and the glass cool, will keep such pests as thrips and greenfly from giving much trouble.

To keep spider in check the syringe must be used every day during bright weather and during hot spells a second syringing during the afternoon will be of great benefit, helping to cool the house, recharge the air with moisture, refreshing the foliage and giving it that firm and rubbery texture so noticeable in well handled stock. To be effective syringing must be accompanied by a good force of water, sufficient to dislodge the spider and break up the web under which the eggs are deposited, and be so directed that the under sides of the leaves receive the full force of the spray. In order to accomplish this with safety, so that none of the young, sappy shoots may be broken, tying should be strictly attended to.

Many of the younger and less experienced growers are under the impression that the successful Beauty grower possesses some weighty secret which enables him to produce such perfect blooms and which he religiously guards from the knowledge of the uninitiated. I am frequently accused by this class of growers of withholding this secret. "You don't give it all away in your notes," is the comment. Now the most successful growers of this rose never claim, nor do they possess, any such secret. It is by strict attention to the details, carefully observing the habits, and supplying the wants of the plants at the proper time, and the exercise of sound judgment, never forgetting that no condition or circumstance in the cultivation of this imperial rose is of so little importance as not to be worthy of being carefully noted for future use; that is what gives them the knowledge which constitutes the ability to grow Beauty with success.

Ribes.

Fairfield, Ia.—George Wray has had a busy season, the pleasure of good trade interfered with by sickness in his family.

PENTSTEMONS FOR CUTTING.

Will pentstemons bloom under glass and bloom as freely as snapdragons? I want scarlet and yellow flowers. The house is very high and we have bright sunshine all winter. I did well with sweet peas, six feet high and a white sheet of bloom. I thought a scarlet larkspur and lupinus. Any suggestions will be gratefully received. A. C.

Pentstemons are among the prettiest and most free-flowering of our hardy border perennials where they are hardy. Most of the species are said to be hardy in New York state, but with us they are not and they have to be protected in a cold frame during winter and planted out in spring. They may be grown under glass for cut flowers, yet the writer cannot remember seeing it done. We think they could be flowered quite easily in the early spring months in a light house and a moderate temperature, not over 45 to 50 degrees at night. For the amateur private gardener this may be very interesting, but commercially we don't think it would pay. Although many of the species are beautiful, it would be best to try the large-flowered garden hybrids. It is rather late now to sow the seed, so obtain small plants from a firm which makes a specialty of perennial and herbaceous plants. Plant them out where you can give them water in the hot, dry weather and lift and put on the benches before severe frost. I do not promise this will be as successful as your sweet peas. W. S.



Store of I. W. Lozier's Sons, Des Moines, Ia.

THE RETAIL FLORIST.....

PROPER FLORAL DESIGNS.

What is good taste in this matter and why? How is one to judge new designs and the reason? When a customer asks for your judgment, what would you suggest as most appropriate, profitable to you, and at the same time in reasonable keeping with good taste and progress? Why should you discourage the use of certain designs, and urge the use of others?

The use of flowers at funerals is to suggest the brighter and better side of even these dark events; therefore, use only those arrangements which suggest hopeful and sunny thoughts. Avoid suggesting the circumstances of death. Some people in ordering funeral flowers seem to have a morbid desire to remind the family and friends of the manner and details of the sad event. I once knew a thoughtless friend to order a cradle filled with flowers to be sent to a child's funeral. Anyone can imagine the result. Give that emblem the most frequent use which suggests the sweetest, most poetic and restful ideas.

Among the best designs of this type are the pillow, which is properly the family piece; the wreath, harp, lyre, heart, book, anchor, cross, only for its adherents; basket, star, shield, column, crescent, the simpler lodge and society emblems, urn and numerous styles of loose clusters. Of course there are others. Among the less desirable are the gates ajar, chair, sickle, ax, broken wheel, and what is often asked for now, the elk's head. The latter is among the intricate mechanical designs which are to be avoided if possible.

In discussing the points of a design with a customer strive to attract his attention to the beauty of arrangement rather than to excite admiration for odd designs. Educate your customers to appreciate the how and why of certain combinations and arrangements far more than the mere machinery and construction. Take every opportunity to draw their attention to blend of colors and grace of form. Talk up the good points in your design work, as an artist or a sculptor would do. Be a member of the nearest art society, and don't be too bashful about bringing and keeping your own art before the public eye. To put out your design work in the best shape is just as important and practical as to know the latest devices in steam heating.

The sheaf of wheat, with or without flowers, is a good design to suggest for an elderly person's funeral. Use with a square bow of wide lavender or purple ribbon, tulle or cord, with a bow knot of smilax, or with long-stemmed flowers scattered among the wheat. Sometimes the quantity of flowers to be used with the sheaf is large enough when bunched and laid over the sheaf, to completely hide the wheat. In such a case substitute a smaller sized sheaf, bunch the flowers as you would for an ordinary cluster, and tie the sheaf over the stem ends, preferably without ribbon.

Make it your settled policy to discourage the use of any designs, that is designs made on frames, under about $5. Even for that amount your customer will get better value in a cluster of loose flowers than in a design, and you will be the gainer in time and temper.

Designs, except for the better class of funeral work, are now almost entirely discarded. In wedding decorations they are usually displaced by a lavish use of green and long-stemmed flowers. If a design is insisted upon, suggest a bell, lovers' knot or yoke. Of these three, the first is much the best; the bell is a poetical and suggestive design, or rather a cluster of bells of different sizes, numbering about five or seven. Hang as though all were ringing at once, some swinging one way and some another. To be more economical as well as artistic, cover single wire bell frames with tin foil or gold foil and hang them in place as they are. Trail vines and flowers along the suspending wire among the bells and down and around the walls and woodwork nearby. Do not attempt to fill a bell solid with flowers under $12 to $15.

You will be besieged about this time of the year to make mottoes and various impossible emblems for graduating exercises. The average class motto is difficult of reduction to floral art. We do not claim to be able to "hitch your wagon to a star," or launch the innocents on life's sea, all with flowers. They will be just as well off a week hence if you persuade them to accept a stage setting of palms and roses arranged in keeping with the present state of civilization. GERTRUDE BLAIR.

SPANISH IRIS.

I have read your article relating to the forcing of the iris of Spain in the first days of the second half of May, the bulbs being planted in October. I would be very much obliged to you if you would give me the following information. At which time of the year is it convenient to cover the bulbs with fertilizer? The leaves are already out of the earth here in November and do not fear the winter. I would like to obtain flowers of iris as early as possible in April. Which are among the best varieties with white flowers and blue flowers? You would oblige me very much by giving me the most explicit information on the operation to obtain that result. FRANCE.

Although kindly translated by the French consul at Chicago I yet had difficulty in fully making out the specific

meaning of some of the questions. If your paper grows in the future correspondingly with the past few years you will undoubtedly keep a staff of Slavonic, Latin and Scandinavian interpreters for the advantage of your European and transcaspian subscribers.

Perhaps the best way I can help this gentleman with my knowledge of Spanish iris is to say that in our climate in the fall of 1900 I planted several thousands in the open ground about the middle of November. The soil was a heavy, rich loam that had been well prepared the previous spring with animal manure. I can scarcely believe that if the bulbs are sound and of good size its quality would make much difference to the flowers produced the following spring. About the time heavy frost occurred we put three inches of stable litter over the beds, but that did not prevent frost from penetrating the ground at least a foot, so the bulbs are perfectly hardy. They did not flower with us till June 20. Beautiful as they are, they are so late in flowering that they are not desirable as spring flowering bulbs because they do not admit of the summer flowering plants occupying the beds.

I don't know the part of France this subscriber resides in, yet I do know there is a great difference between the climate of Brittany and Normandy and the southern provinces bordering on the Pyrenees. It seems to me, in any part of France, that if these irises were planted in frames in October, protected from hard freezing up to February 1 and then glass put over them, that they could be had in flower by the middle of April. You can buy them in several colors and it is merely a matter of guess what will be in most demand. We think the white and blue are most admired. As a forcing bulb they are not a great success and it is difficult with us to get them into flower before April 1. In the open ground no fertilizer is needed in the spring.

W. S.

CHRYSANTHEMUMS

COMMERCIAL FLOWERS.

It is safe to say that the greatest part of the flowers sold commercially are grown from plants set out after the middle of June and, considering the comparatively short time they have to grow, the results are remarkable. Conditions with the commercial grower are very different to those governing the private individual, who only grows a few plants and does not have to worry about the outcome of the crop financially. The margin in growing for the market is today so small that it sometimes calls for some close figuring to determine whether or not a crop has paid for handling.

A good deal depends on what is used to fill the houses in the winter time, after the chrysanthemums are marketed. Some use the space to good advantage in handling bedding plants, others grow lettuce, or tomatoes, or carnations that have been carried along in pots until they can be planted in the benches. While it may seem out of place at this time to be discussing what crop to follow with, instead of the chrysanthemum crop itself, still the careful man is he who plans long enough ahead so that he is not caught unawares.

I have several times been asked how much I think the grower should receive for a crop of flowers of the best possible grade, that is to say of the exhibition size and finish, and my answer is $50 per hundred, wholesale, and I do not believe there is much of a future in growing them for that. For the past year or two very few flowers have wholesaled at that figure in New York, or anywhere else, so far as I can find out. The question for the grower to figure out is whether it will pay him better to plant ten inches apart, keep to one stem and grow the very best flowers, than to plant closer, run two or more stems to a plant and take about three medium flowers from the same bench space that he would take one.

Every grower must be influenced by his market, though personally I always like to grow the best only, and this will probably hold true for anyone shipping to a wholesale market. In times of excessive glut the best flowers will always sell, even though they may sometimes run much lower in value than they should, while small, poor stock has to be mercilessly sacrificed and sometimes never sold at all. There always seem to be more than enough poor mums from the time the market opens till it closes, though one can once in a while make a ten strike with the special stock.

The florists living in smaller towns can generally do much better with a medium grade of flowers, though I would advise anyone to have a few just as fine as it is possible to get them for the sake of the advertising they give. Such flowers often prove valuable in educating your customers up to a better grade of stock at a correspondingly enhanced price. The provincial florist finds he can sell ten flowers for a quarter each to one at 50 or 75 cents each, and grows accordingly, and many of them can use best a grade that runs much cheaper, even, than that.

The chrysanthemum has come to be so generally regarded as a cheap flower that some people will exhibit a tendency to heart failure if asked to pay a good price for good stock and they profess to see no difference between your good flowers and the rubbish the street man is selling outside the door. If every grower grew good flowers, would not try to undersell his competitor and preached the gospel of good flowers at a fair price there would be more money in growing chrysanthemums.

We hear sometimes of a new variety that is particularly recommended as a commercial sort. I have never yet solved the problem of what constitutes the difference between a commercial and an exhibition variety. I realize that some varieties do not ship well and cannot stand the rough usage that market flowers are subjected to; but, admitted that for a shipping trade one has to grow incurving varieties, why on earth has every florist in the country to blindly follow someone else's lead and grow just Appleton, Eaton and one or two others when he can sell his flowers direct from the plants at home without having to face the problem of shipping them away?

The general public is always attracted by the odd colors in an exhibition and does it not follow that they would buy them more readily than the eternal white and yellow if they could only get them? Why not experiment in this line a little? I had a conversation the other day with a florist who grows several houses of mums for his home trade and it developed that he runs almost entirely on what are generally classed as exhibition kinds, fanciful shapes and colors, and, what is most important, he is making money. He has discovered that his customers are always craving for something new and distinct and his customers have discovered that they can depend on him to supply flowers that they cannot buy elsewhere; the result is pleasing to both parties.

Why do not other florists with a home trade do likewise? I have personally sold at a good price varieties like Nellie Pockett and Mrs. T. W. Pockett, kinds that the average wholesale grower does not dream of growing, as they have not been officially classed as commercial varieties. My idea of a commercial variety is one that sells, no matter what its shape and color, though if one has to ship the flowers any distance to market, kinds like Eaton or Appleton will stand more hard knocks than the loose petalled varieties.

Brian Boru.

ALPINE PLANTS.

[A paper by Carl Blomberg, of North Easton, Mass., read before the Boston Gardeners' and Florists' Club, May 17, 1904.]

Among hardy perennials and shrubby plants we have many which love to live on ledges and rocks, or between crevices. They call them alpines because a great many of them grow on the highest Alps and near the region of snow, at elevations of 13,000 feet or more. There are some which cannot be cultivated in the New England states, but a great many of them, under a skillful cultivator's hand, will give good results. It is not my intention to say that these plants are all useful for the florists' trade, or to use a more vulgar expression, commercially, but for the individual who loves plants and can appreciate their beauty, however inconspicuous their flowers may be, they are interesting and we certainly have among the alpines many gems.

The most common way of cultivating alpines is upon what are called rockeries, or rough stones laid together in different forms and methods. No wood or tree roots should be used to supplement any of them. They must be all stone. The kind of stone is seldom a matter of importance; everyone will use what is most convenient. The rougher and more unshapely the blocks the better. They must be firmly wedged and interlocked and depend upon one another, and not on the soil between them, to keep them in their places. This rule is of the utmost importance and if it be neglected, a long frost or an excessive rainfall may cause the whole structure to collapse.

Wherever there is a steep bank, facing south or east, it may be utilized for the growth of alpines. The stones, as before advised, should be large and unshapely and should be buried to two-thirds of their bulk and form a very uneven surface, all being interlocked from top to bottom. Rockeries of this form are less



A Water-Garden in the Park at Los Angeles, Cal.

liable to suffer from drought. If the surface covered is large, access to all parts should be provided by means of convenient paths or stepping stones, because, although every stone in the structure should be capable of bearing the weight of a heavy man without danger of displacement, it is better not to have to tread upon the surface.

With regard to soil, we must take care that it does not retain stagnant moisture, and yet it must not dry up too readily. Plants should be able to penetrate it easily with their roots. Good loam with a little humus in the form of leafmold or peat and half or three-quarters of the whole composed of stone riddlings, make up a soil in which most alpines are quite contented. Where we are convinced that lime is useful it may be added as pure lime, not planting until the same is thoroughly slaked by mixture with the soil. Rough surface dressing is a thing in which all alpines delight, as it keeps the surface of the soil sweet and moist and prevents their leaves being fouled. Use for this purpose the same riddled stone as mentioned before, which is better than gravel, as round stones are easily washed off the slope.

Now a few words about planting. It is better not to be in a hurry to see the stones covered. It would be easy to cover them with growth in a single season, but it would be harmful to the cultivator. We must not degrade choice alpines by putting them to keep company with vinca, galium, hypericum, glechoma, fast running sedums, Campanula rapunculoides, Hieracium aurantiacum and others of the same habit. Indeed, there are some plants, of which Coronilla varia is one, which, when once established among large stones, cannot be eradicated by any means short of pulling the whole structure to pieces. Any plant which runs under a large stone and reappears on the other side should be treated cautiously. As a rule nothing should be planted which cannot be easily and entirely eradicated in a short time. If a rockery is large there is no reason for limiting the area to be assigned to each plant, especially to such as are ornamental when in flower and not unsightly at other seasons. If different rockeries, or separate parts of the same, can be assigned to rapid growers and to dwarf, compact plants it will be an advantage.

There are many subjects belonging to the class of rock plants (alpine), which require to be displayed in a broad and high mass to do them full justice. Aubrietias, for example, or Veronica prostrata, should look like purple or blue cataracts; others should be unlimited in breadth, like the dwarf, mossy phloxes, or the silvery Cerastium Biebersteinii. Such things do not like being cropped around to limit their growth and if there is not enough room for them, they had better be omitted.

Whatever is grown, the small and delicate gems of the collection must run no danger of being smothered by overspreading neighbors and require both careful management and constant watching. The following species may be mentioned as suitable for cultivation:

Achillea Egyptiaca is a silvery plant in all its parts, with finely cut leaves and handsome heads of yellow flowers and with something of the grace of a fern in its leaves. Plant in sunny spots. A. tomentosa is one of the tufted plants, with flat corymbs of bright-yellow flowers. A millefolium The Pearl has white heads, and A. millefolium roseum, red. This is good for cutting purposes. A. ageratifolia, A. aurea and A. rupestris are other desirable varieties.

Adonis vernalis is a handsome plant, requiring moist, sandy soil and should not be disturbed for years. Ajuga reptans and A. Genevensis are of easy culture. Alyssum saxatile is one of the best of the early yellow spring flowers. Good anemones are Japonica, pulsatilla, nemorosa, hepatica and Virginiana. Anemonella thalictroides and antennarias, the latter with white, downy foliage, effective for carpeting, are good. The anthericums, or St. Bruno's lilies, are graceful, lily-like alpine pasture plants, among the most beautiful of hardy flowers. Though rather taller than most rock plants, their alpine association as well as their beauty should give them a place among the more vigorous plants or among the rock garden shrubs. The best varieties of this genus for outdoor culture are A. Hookerii, A. liliastrum, A. liliago and A. ramosum. Anthyllis vulneraria and A. montana are well worth growing.

Aquilegias, beautiful in habit, color and form of flower, are widely distributed over the northern and mountain regions of Europe, Asia and America. These require to be carefully planted in sandy or gritty though moist ground and in well-drained pockets in the rock garden in half shady positions. Good species to grow are A. canadensis, A. chrysantha, A. cærulea and A. glandulosa. The latter is a native of the Altai moun-

tains of Siberia and is a fine rock garden plant in well-drained, deep, sandy soil.

Arabis alpina is very early flowering and of easiest culture in rather dry soil. Arctostaphylos Uva-Ursi is a small, trailing evergreen with shining, coriaceous leaves and flesh-colored flowers and grows well in dry soil. The armerias are a handsome group of alpines, flowering from June to August. They like warm, sandy soil. Good species to grow are A. cephalotes, A. vulgaris, A. Laucheana, A. dianthoides and A. plantaginea. Asperula cynanchica and A. odorata are useful.

The large genus aster contains many good plants worth cultivating. The later varieties can be arranged in the background of the alpine garden. Here our native species show their forms in gracefulness and color, and among these are lævis, multiflorus, turbinellus, paniculatus, dumosus, vimineus, ericoides, polyphyllus, corymbosus, diffusus, undulatus, spectabilis, Shortii, Novæ-Angliæ, patens, ptarmicoides and sericeus. Among European varieties A. alpinus, A. amellus, A. Bessarabicus and the Japanese A. Maackii. In half shady spots may be grown the charming A. Stracheyi, four to six inches high, a native of the western Himalayas.

About the genus aubrietia Dr. Wm. Robinson says: "If there were but one family of rock plants known to us, this, which gladdens the rocks of Greece and all near countries with its soft colors in the dawn of spring, would be almost enough to justify the lovers of rock plants for any extravagance in their behalf. In these plants all difficulties of culture, increase, soil, etc., fly away, and, though from the hills above the cities of Greece, on the sites ennobled in human story, they are as happy in our land as the grasses of our fields. There is hardly a position selected for a rock plant that may not be graced by them." A. deltoidea grandiflora and A. deltoidea Campbelli are the best varieties.

Campanula alpina, C. carpatica, C. rotundifolia, C. cæspitosa, C. Rainerii and C. pulla are good rock plants. Calamintha glabella, Chimaphila maculata, Cornus canadensis and C. Suecica are all good. Colchicum autumnale thrives well in a moist, rich soil. Coptis trifolia and Corydalis nobilis are two gems. Corydalis fabacea, from Sweden, loves a shady spot. Cotoneaster buxifolia and C. rotundifolia are reliable.

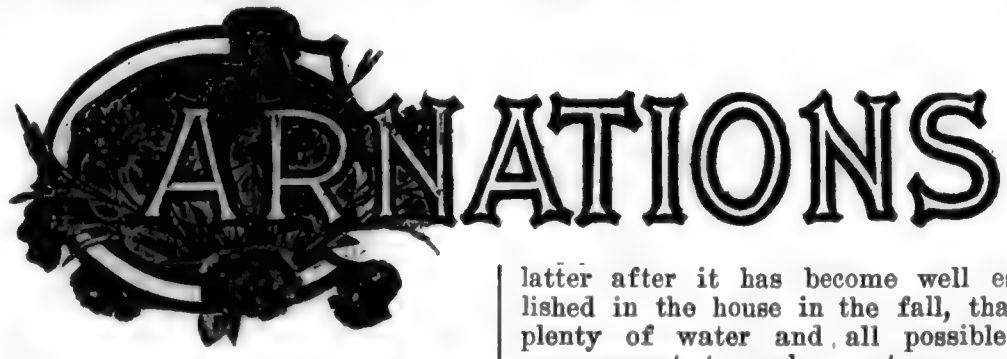
Cypripediums must not be omitted. Suitable species are C. acaule, C. spectabile, C. pubescens, C. arietinum and C. montanum. Cytisus scoparius and C. albus are good. Dalibarda repens likes deep, peaty soil, while the pretty Daphne Cneorum delights in a calcareous soil. Dentaria bulbifera, D. diphylla and D. maxima are interesting. Dianthus contains some useful subjects, such as D. arenarius, D. deltoides, D. plumarius, D. proliferus and D. superbus. The latter is liable to perish in winter in rich, moist soil. Dicentras are very ornamental. D. cucullaria and D. eximia should be in every garden. Dodecatheon Meadia and D. integrifolium are well known. Dracocephalum Altaiense, native of Siberia, will not be frozen out in New England. Dryas octopetala prefers moist, peaty soil. Epigæa repens, or Mayflower, is the member of the Ericaceæ most dear to New England people, with its delicate fragrance and pretty flowers. It does not transplant easily.

Epimediums like peat and shade. Gaultheria procumbens needs a peat soil pocket. Some of the gems of the alpine garden are found among the gentians. They are hard to cultivate and impatient of disturbance. G. acaulis, from the Alps; G. linearis and G. Andrewsii, from New England; G. Pneumonanthe, G. nivalis and G. tenella, from Swedish mountains, will grow in moist soil battered in the rocks.

Geranium maculatum and G. sanguineum are handsome, species to be recommended. Helleborus orientalis and H. viridis are useful in spring. Houstonia cærulea will thrive in a moist spot. Iberis sempervirens is one of the best dwarf perennials grown; it makes a grand rock plant. There are a good many irises, which, in spring and early summer, brighten up the rock garden; such are the native I. cristata, versicolor and many more; also I. Germanica, I. pumila, I. Histrio and I. Sibirica.

In Switzerland there grows a plant, the flower heads of which are enveloped in woolly bracts and which in botanical language is given the name Leontopodium alpinum, or Gnaphalium Leontopodium, but by the inhabitants it is called the edelweiss, "noble white." It likes a firm, well-drained light, calcareous soil. The more lime or chalk the soil contains the brighter and purer white are the flower bracts. By natural habit it is a true perennial, but it seems to me better to handle it as a biennial. What leontopodium wants, as nearly all alpine plants want, is a dry base. It may, therefore, be desirable for all (save edelweiss) to take them up in fall and winter them inside.

Having already taxed your patience severely, and as time will not permit a continuance of this alphabetical list, I shall be pleased to do so on some future occasion.



SEASONABLE CULTURE.

Now that you have all your young plants out and started off nicely there is plenty to do to keep you busy until housing time. You need not be idle one minute for want of something to do. Don't forget that it is impossible to cultivate them too much. At least once each week, and oftener if it rains, you should run through them as soon after each rain as you can work the ground. Then you can go through them occasionally with the hoe and loosen up the soil between the plants in the row and hoe out the weeds.

We have had plenty of rain so far in our locality and during this time is when you should be getting your soil into good condition to withstand a long, dry spell, as it may come almost any time and it would be strange if it did not come some time during July or August. Keep the soil worked loose, so that every rain can soak in to be used later on, when no water comes from above for a while. Cultivate deeply.

The plants we set out first are growing into fine, bushy plants and after making another lot of breaks as a result of the topping they are getting now they will be large enough to house if we are ready to house them. Keep them topped close, however, clear up to housing time, so the plants will be stocky and short.

If you have some planted for fall blooming outside you should not top them any more, but let them come as fast as they want to. If a dry spell sets in, give them a good soaking every few days to help them along. These will appreciate it as they are not intended to be lifted later on. You want to keep them growing as strong as you can.

There is a vast difference between the plant which is to bloom where it stands and the one which is being prepared to undergo transplanting with the least possible check. You want to handle the former much the same as you do the latter after it has become well established in the house in the fall, that is, plenty of water and all possible encouragement to make a strong growth and a heavy crop of large blooms. If you have some old stable manure it will be very beneficial to mulch them about an inch thick with it, to keep them from drying out and a little extra food won't hurt them.

Under no conditions, however, should you apply the above treatment to the plants which you expect to house later on. The one word "cultivate" embraces the whole field treatment of these plants and the more you practice it the better will be your plants. Mind, I don't say larger, but better. The largest is not always the best and especially is this true in this case. Just the same as a large bloom without substance is not so desirable as a medium-sized bloom which can be shipped across the continent. A. F. J. Baur.

SNAILS.

Please tell us what to apply for snails in a bed of carnations. They are right in the heart of the blossoms and eat them badly. I hand-pick them every morning but there are as many more the next morning. Please answer in the Review, as it may benefit someone else with like trouble. A. L. S.

I have many snails in my carnation benches. What shall I do to get rid of them. J. G. A.

Snails are among the most disagreeable greenhouse pests, and they are not easy to combat. Hand picking is, of course, effective as far as you are able to find them, but "each morning there seems to be as many as ever before." You can destroy many by spraying the plants with some poison, like Paris green, diluted in water, and you can keep them down by dusting the plants thoroughly with tobacco dust or lime. They will not travel where there is much dust, as it adheres to them on account of the slimy substance they are covered with. Strong salt water will kill them,

too, but you must pick the blooms close before applying it. When you replant the house be sure you give all the woodwork a good coating of hot lime wash and throw plenty of slaked lime around under the benches and in the dark corners; that's where they hide mostly. If you can do it, let the house dry out thoroughly before refilling it. Snails like darkness and moisture, as is shown by their habit of spending most of their time under boards and in cellars, etc. If you can empty the house entirely when refilling a good sulphur fumigating will also help materially.

A. F. J. BAUR.

BUG EATS BLOOM.

My carnations are greatly troubled by an insect in the form of a green lady bug. From this time until after the chrysanthemums are through blooming this pest gives me much trouble, eating the petals from the flower. Advice as to a remedy would be very acceptable. G. A. D.

I am not sure that I know just how you are situated nor am I familiar with the bug you are troubled with. If your plants are growing in the open it will naturally be much harder to combat the pest than if the plants are growing in the greenhouse. Since the bug is a chewer I would naturally suppose that the most effective remedy would be to poison them. Either spray them in the evening with Paris green, about a good teaspoonful to three gallons of water, or dust them with slugshot or hellebore. If you are cutting and selling the blooms the spraying would be the best, as it does not show so much on the growth.

A. F. J. BAUR.

SPLIT STEMS.

I send some carnation plants from cuttings made in November, taken from the bench as soon as rooted and planted in good sandy loam. They seem to split. I am also troubled with dry rot or stem rot. The rose cuttings suffer the same way. N. J. M.

I am sure I could not tell you what could have caused the base of the stem on your carnation cuttings to split. I have never seen anything like it before. They looked to me as though they had been split with a knife when the cuttings were made, but I presume such was not the case, else you would not complain of it. There was also a plain case of stem rot on all the cuttings and if the cuttings were mine I would be tempted to fire the whole batch into the boiler. They will give you trouble all through the season and will never amount to anything. There is plenty of good, healthy stock offered at reasonable prices and it will pay you well to buy new, healthy stock of the varieties which are affected.

A. F. J. BAUR.

WESTBORO, MASS.—The firm of G. W. & W. A. Temple has been dissolved, the business being continued by Walter A. Temple.

NEW BEDFORD, MASS.—Wm. G. Kroeber will shortly erect a greenhouse 20x90 on ten-foot posts. He will also put up a boiler house 12x40.



Peach Thomas Rivers, Grown by Wm. Turner at the Borden Place, Oceanic, N. J.

SOME JERSEY ESTATES.

Calling on William Turner, at Oceanic, we found him with two houses of peaches and nectarines sprayed with the salt, lime, sulphur solution, fifteen pounds salt, twenty pounds sulphur and forty pounds of lime to sixty gallons of water. Most of the wood smaller than a lead pencil was killed. The stronger wood and flower buds were not affected at all. It is rather curious, as the writer of this had the same experience, but mine were much more damaged as they were sprayed twice. His early peaches are Dutches of York, a new seedling of Thomas Rivers, and Hale's Early, ten days later. For a late peach Thomas Rivers beats any peach grown under glass. They are about twelve inches in circumference and of the finest flavor, shape and color. Some of them weigh fifteen ounces.

There are three graperies here. The early varieties are Black Hamburg, Buckland Sweetwater and Boynton Muscat. His main crop varieties are Madresfield Court and Muscat of Alexandria. About fourteen varieties in all are grown here. Pineapple fruit, which is seldom grown in houses in this country, can, in season, be seen here grown to perfection. Mr. Turner has had fruit which weighed from nine to twelve pounds. He has three houses with melons and has melons the whole year around, even through the dark days of December and January. Cucumbers, beans, tomatoes, cauliflower and lettuce are also grown under glass.

Roses, violets and carnations are grown extensively. Mr. Turner is noted for his fine carnations. He plants Prosperity in boxes four feet long, the depth seven inches, the width six. We never saw such a crop of bloom on Prosperity. Not so much grass as in benches, the growth goes right to flowering stem. Orchids are grown in large quantities for cut flowers, mostly cattleyas, lælias and cypripediums. About 200 Odontoglossum grande are grown in a house on the north side of a rose house and a finer lot cannot be found in this country; some of the flowers last fall measured seven inches across. They are grown in Belgian leaf-mold.

The collection of palms is one of the finest in this country, including Kentia Alberta, K. Duckhamii, K. Sanderiana, K. Macarthuri, K. Kirsteniana, which looks more like a caryota than a kentia; Phœnix Rœbelenii, P. rupicola with twenty feet spread, the finest Chamærops humilis in this country, about thirty-six feet in circumference, and many more. There are twenty-eight houses in all and everything raised on the place is used by the owner, M. C. D. Borden. This is one of the finest ranges of houses in any private place in the country, with all the latest improvements, 700 incandescent lamps lighting the greenhouses. Mr. Turner has charge of the whole place, also of an extensive farm.

G. H. Hale is superintendent of the E. D. Adams' estate. This is one of the most beautifully laid out places in this vicinity. Some of the finest evergreens and conifers can be seen there. Six houses are in this place, one house with cypripediums and a few other orchids, a plant house in which are some fine novelties, two graperies, one just started, and a house of cut flowers. We saw there

about 150 Primula obconica grandiflora which is a fine thing and ought to be more grown for cut flowers. The stems are about fifteen inches long and blooms all winter, seeds to be sown in March. Mr. Hale thinks they would do even better in benches. A good deal of bulbous stock is used. Mr. Hale showed us evergreens twenty feet high which he moved three years ago and not a single tree was lost. They showed a growth of twenty inches from the same year. He believes in moving evergreens in winter with a frozen ball. Ilex crenata is planted as a hedge in an irregular shape from the residence to the road and kept very low. This looks better for fancy hedge than anything we know of.

Our next visit was to James Loeb's and Jacob H. Shiff's place, and we met the superintendent, Mr. Kettel. This is quite a new place. There is a fine Italian garden and in one of the greenhouses are some Brides and Maids which are three years old on raised benches and better blooms were never grown around here. About 25,000 bulbs are forced here. A house 60x60 full of bedding stuff is used later for chrysanthemums.

Bordering on this place is the extensive estate of W. F. Havemeyer, Hugh McCarren, gardener. This also is a new place and beautifully laid out. There is not much glass here except for bedding stock and a palm house.

There are about forty-five private estates along the Rumson, adjoining each other, beautifully laid out and well taken care of, which make these surroundings one of the finest in New Jersey.

B.

AMERICAN PEONY SOCIETY.

The attendance was disappointingly small at the meeting of the American Peony Society at New York June 8 and 9. Among those present were C. J. Malloy, of Ellwanger & Barry, Rochester; Wm. A. Peterson, of Chicago; E. A. Reeves, of Cleveland, and J. H. Humphreys, Philadelphia, but most of the rest of the attendance was local. C. W. Ward presided. The discussion had almost wholly to do with the disentanglement of peony nomenclature. The committee reported that it had compiled a descriptive list of some 1,100 distinct varieties and several promises of additional descriptions were made. It was proposed to plant a trial ground under the supervision of Prof. John Craig, at Cornell University.

There was some discussion on time of planting, blight, the use of lime and other questions. It was thought that holding the meeting in conjunction with that of the Nurserymen's Association would attract a larger attendance next year. The matter was left with the directors. C. W. Ward was re-elected president and all the other members of the board of officers were returned save that T. E. Smith, of Geneva, N. Y., succeeds C. S. Harrison as a director. Prof. Craig was appointed chairman of the nomenclature committee and J. H. Humphreys of the press committee.

The exhibition was not what had been anticipated, but Mr. Ward staged a splendid collection of 200 varieties and was awarded the $50 gold medal. C. Betscher, of Canal Dover, sent a large exhibit and Siebrecht & Son were well represented. Other exhibitors were the Andorra Nurseries, Frank Gould and Sunnyside Greenhouses. The exhibition was in conjunction with that of the Horticultural Society of New York, which included many seasonable things of interest.

NEBRASKA PEONIES.

We are in receipt of blooms of fifty varieties of seedling peonies from J. F. Rosenfield, the peony specialist, of West Point, Neb. The colors range from lightest pinks to the darkest reds, with some of exceptionally bright color in which the size and form of flower is excellent. A number of Mr. Rosenfield's seedlings have been under test for some time and will shortly be put on the market. The size of bloom, foliage and robust growth show that he certainly has good soil and is this season enjoying the same favorable conditions in which peonies are luxuriating in many sections this year, but with him the blooming season was fully two weeks late.

Photographs.

SEND a picture of your place to the Review for publication.

SEND a picture of any well executed floral design or decoration.

SEND a picture of any well-grown specimen plant or house of plants.

The photographs need not be anything more than good, "sharp" pictures, that is clear in detail. Be sure to write your name and address on each one.

Vegetable Forcing.

MARKET gardening has reached the corporate stage at Chicago, the Craig Vegetable Co. having been incorporated by Asa H. Craig, M. A. Mergentheim and Wm. A. Chadwick.

NEW YORK, June 11.—Receipts for the week at New York pier, 3,892 crts. cabbages, 16,890 beans, 3,547 peas, 34,946 cucumbers, 22,235 tomatoes and 3,759 various. At Jersey City, 1,834 asparagus, 13,310 bskts. peas, and 345 various. By Old Dominion steamer, 23,354 cabbages, 21,898 beans, 3,405 peas, 2,093 New Orleans onions, and 856 various. By Savannah steamer, 4,672 pkgs. Asparagus was very scare at the close, and prices advanced sharply. Beets were easier and lower. Mushrooms were quiet. Fancy peas firm. Wax beans dull and weak. Tomatoes of fancy quality were firmer. Hothouse cucumbers are selling at 45@55c per dozen. Lettuce is plentiful and weak.

HOTBED AND HOUSE.

In trying to economize time and material, I have been endeavoring to construct a plan of a vegetable forcing house that I wish to use as a hot-bed for the first year and would like some information as to its advisability. I am able to get glass at a very reasonable rate, but have not the time nor the means to erect a completely equipped forcing house this year, but am in need of hotbeds for starting early vegetable plants for outdoor planting. As I expect to put up a vegetable house next year, would it be economy to use the glass in temporary sash for one season and then transfer it to the new house next year? Could I build a forcing house and use it as a regular hot-bed with horse manure for heating, and would such a plan be advisable?

W. K.

I must say that a combination hotbed and forcing house does not altogether strike my fancy and I would advise the subscriber to try and complete his house if possible. But, of course, one has to go according to his means. As the old saying goes, "No one knows where the shoe pinches, but the one who wears it." Of course the plan he suggests could be tried and might serve the purpose all right. If the soil were excavated deep enough to allow of three feet of manure, and if this were well packed, I should think it would retain enough heat to pull through early vegetable plants, providing it was not started before the beginning of March.

I do not think it would be economy to use the glass in temporary sash for the first season and then transfer it to the new house next year; I would rather be in favor of procuring the sash and keeping them as such; they are very convenient to have around, as they can be used for the raising and protection of numerous subjects and if the subscriber means to go into the raising of vegetable plants they would be almost a necessity for the hardening off of those plants, which hardening off is very essential before the plants are transferred to the open air.

W. L. CROYDON.

RECEIPTS FROM CUCUMBERS.

Based on Boston wholesale prices for cucumbers, about what should the gross receipts for a season or a year be for an even-span house 24x120 and twelve feet to ridge if properly handled?

W. B. S.

Such a house ought to produce in the neighborhood of 15,000 cucumbers in the season. Prices fluctuate so in Boston, as in other places, that it is hard to give an exact estimate, but a fair average, taking the season all through would be about 7 cents per fruit, which would give gross receipts of $1,050.

W. S. CROYDON.

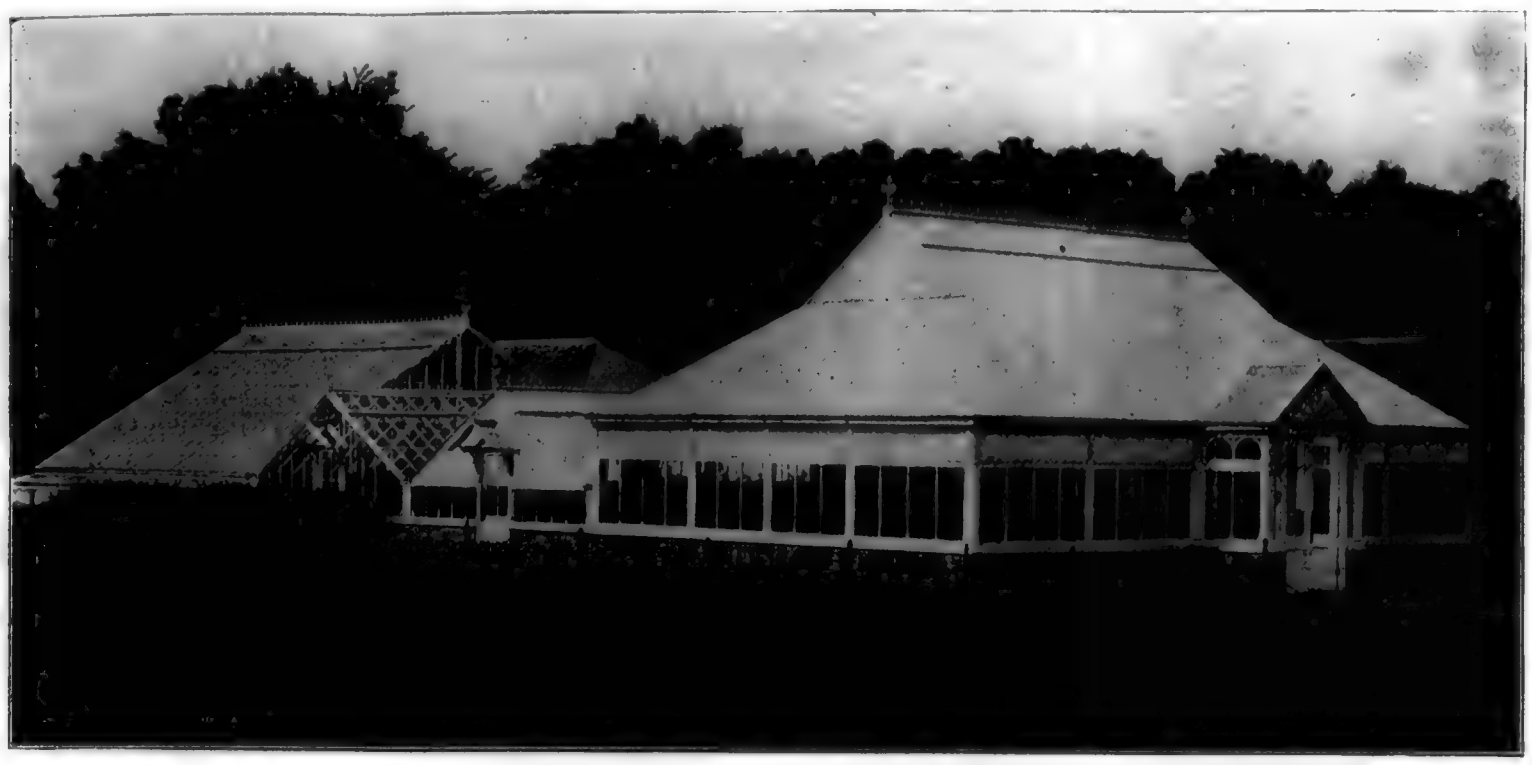
NEW YORK.

The Market.

The market has settled early into its usual summer quiet. The excessive heat and enormous shipments of flowers last week to the wholesalers simply hastened the inevitable. From now until after the S. A. F. convention there can be but little improvement.

Peonies are everywhere, at the exhibitions, in the streets, on the counters and worse than all else, in the ice boxes unsold. Even at 50 cents a hundred on Saturday there was no demand. The stock was superb, but even a New York market cannot withstand the cyclone of oversupply. A good deal of the rose stock is inferior. Water lilies are arriving from Lecakes' Connecticut pond and are of fine quality.

The extreme high temperature of the



Range of Glass at the Establishment of C. N. Bliss, Oceanic, N. J., N. Butterbach, Superintendent.

early part of the week was succeeded by cool weather on Friday, which continued until Monday, when the heat of summer was again in evidence.

Club Meeting.

The New York Florists' Club held its final meeting for the season on Monday and a splendid attendance encouraged the officers in their efforts to make this the banner year of the organization. It was peony night and ladies' night also. Between 100 and 200 enjoyed the evening's festivities and it was close to midnight before Auld Lang Syne was was sung. John Birnie's "surprise" proved to be a Scotch piper and three handsome Scotch lassies in Highland costume, who danced charmingly. Everybody was delighted with the children and their work showed wonderful ability and training. Prof. Cameron is a master of bagpipes and played many times to the evident joy of every Scottish heart. A string band added to the harmony of the night. T. S. Black contributed Scotch songs, Samuel Burns, of Jersey City, told humorous stories, Alex Wallace sang Fair Glenlochy, J. A. Shaw gave a recitation and S. S. Butterfield sang sweetly his old song, "Sally in Our Alley." J. B. Nugent was the master of ceremonies. Ice cream, cake and strawberries were abundant and altogether the evening was one of the most enjoyable in the club's history.

Owing to the weather the peony exhibit was not an extensive one. George T. Schuneman, of Baldwins, L. I., showed vases of dark red, light and dark pink varieties and Chas. Lenker, of Freeport, his rose colored Fragrance and a collection of fifteen Japanese varieties, also his double pink and double white, Victoria. Mr. Stewart, of the committee on resolutions, reported as to the death of the mother of one of the club members, Peter Devoy, of Poughkeepsie. The transportation committee, through Mr. O'Mara, reported favorably in behalf of the Baltimore & Ohio railroad as the route to the convention. This will give opportunity to join the florists of Philadelphia, Baltimore and Washington, assurances from these cities having already been received as to their co-operation. The train leaves New York at 10 a. m., reaches Philadelphia at 12, Baltimore at 2 p. m. and Washington at 4 p. m., arriving at Cincinnati early in the morning and affording a daylight entry to St. Louis. The cost of a fifteen-day ticket was announced as $23.25, the Pullman $6. Refreshments will not be wanting. The club unanimously endorsed the committee's decision. About fifty are expected from New York and vicinity. Henry Reimels, of Cedar Lane, L. I., was proposed for membership.

The proposition from the Siegel Cooper Co. to hold a flower show in November was commented on favorably, but the endorsement of the club was not given, although exhibits by individual members were encouraged. Mr. O'Mara, for the committee on awards, gave credit to the exhibitors and dwelt eloquently upon the future of the peony, declaring it to be "on the crest of the wave of popularity." The house committee received an appropriation of $50. The next meeting of the club was announced for the second Monday in September.

Two handsome specimens of the improved Piersoni fern were placed on exhibition and the committee in commending it announced a visit to be made shortly where it is growing, after which the club's recognition of its value will be made officially. The exhibits were generously distributed by Mr. Lenker and Mr. Schuneman to the ladies. The club's special nights are all provided for until 1905 and grow more enjoyable as the year progresses.

Various Notes.

Miss Marion, daughter of Chas. Henderson, of Peter Henderson & Co., was married on Tuesday evening last at her father's home in Hackensack, N. J. The force of Jno. Young, Jr., was two days completing the elaborate floral display for the occasion. The bridal bouquet was of white orchids and lily of the valley.

The sympathy of his friends is tendered Charles W. Siebrecht, of New Rochelle, in the loss of his only son.

Herman Keller, formerly with Dreyer, of Woodside, will build a range of glass on Jackson avenue this summer. His ability as a plantsman ensures him success and an abundance of New York customers.

Wm. Ghormley is welcomed back to Twenty-eighth street after a month's enforced vacation with his old enemy, rheumatism.

The exodus to the country and to Europe is on in earnest. John Theilmann, of Brooklyn, and L. W. Wheeler have taken time by the forelock and already had their share of ozone in the mountains in a two weeks' vacation. J. H. Troy and family start for Europe in a few days and the veteran youth, Samuel Henshaw, and his wife will cross the pond again and summer in England.

Mr. Guttman is booked for the whole of June in the jury box and says the experience to date has been more novel than disagreeable.

The souvenir program of the New York Florists' Club commemorating the coming outing was distributed on Saturday and demonstrates the liberality of the members. Prizes for over thirty athletic contests aggregating considerably over $200 have been provided. A large number of tickets have already been disposed of and everything points to June 29 as a gala day in the club's history.

Alex Smith, of Woodside, L. I., was married yesterday to one of Brooklyn's fair lady florists, thus following in the wise footsteps of his twin brother.

Mr. and Mrs. L. J. Kreshover sail on Thursday for Hamburg for a business and pleasure tour of Europe, returning on September 20.

Wm. Elliott & Sons will have a special palm sale at their auction rooms June 21. This will be the banner sale of the season. Since the marriage of W. J. Elliott on Saturday, June 4, his selling voice is particularly persuasive and mellow and good prices have prevailed. This was one of the June weddings you read about and another prophecy is fulfilled. There is still another floriculturist whose bachelor days are numbered.

The surplus of the Brooklyn Horticultural Society will be returned pro rata to subscribers.

Joseph Fleischman sued to recover commissions of $12,000 on the sale of the site of the Flatiron building to Samuel Newhouse in 1899, but the ver-

dict was against him. It appeared that he had paid one visit to the owner of the property and one to Mr. Newhouse but had had nothing further to do with the deal.

Bowling.

Tuesday night at the new alleys a fair attendance of the faithful were on hand. The club will doubtless consist at St. Louis of those whose names were given in our last, with J. B. Nugent as spare man, and we look for an average of about 160 and first honors, if the nervine does not run short again. The score shows an average of 197 for Capt. Lang.

Player.	1st	2d	3d
Lang	192	221	179
Nugent	100	107	111
Fals	120	113	116
Shaw	151	112	148
James	118	120	112
Frank	136	137	131
Ford	159	137	157

Flatbush Bowling Club is like the brook that flows on forever. Never a Thursday in the year is without a quorum and the games are always interesting, while the "pots" keep some of the boys in "pin money," especially Riley.

J. Austin Shaw.

CHICAGO.

The Market.

Some of the wholesalers say that we did not paint conditions half bad enough in our report last week and certainly there has been little improvement since. There has come to be a fairly active canvass to secure good Beauties, but there are few buyers who are disappointed. Tea roses may be said to be a little better in quality than in the last two or three weeks; there are some reasonably good Brides and Maids among the large receipts of poor stock and Liberty is in fine form with many growers. There are also good cuts of Kaiserin and La France.

It seems that the carnation receipts have been at their heaviest during the past week and stock has accumulated on the wholesalers' hands to a most embarrassing extent, particularly whites. There are so many good looking carnations that it is difficult to find buyers for them all and the low grade stuff has little chance. Clean-up sales at very low prices are reported. Complaint is still made that, however good the carnations look, they will not travel.

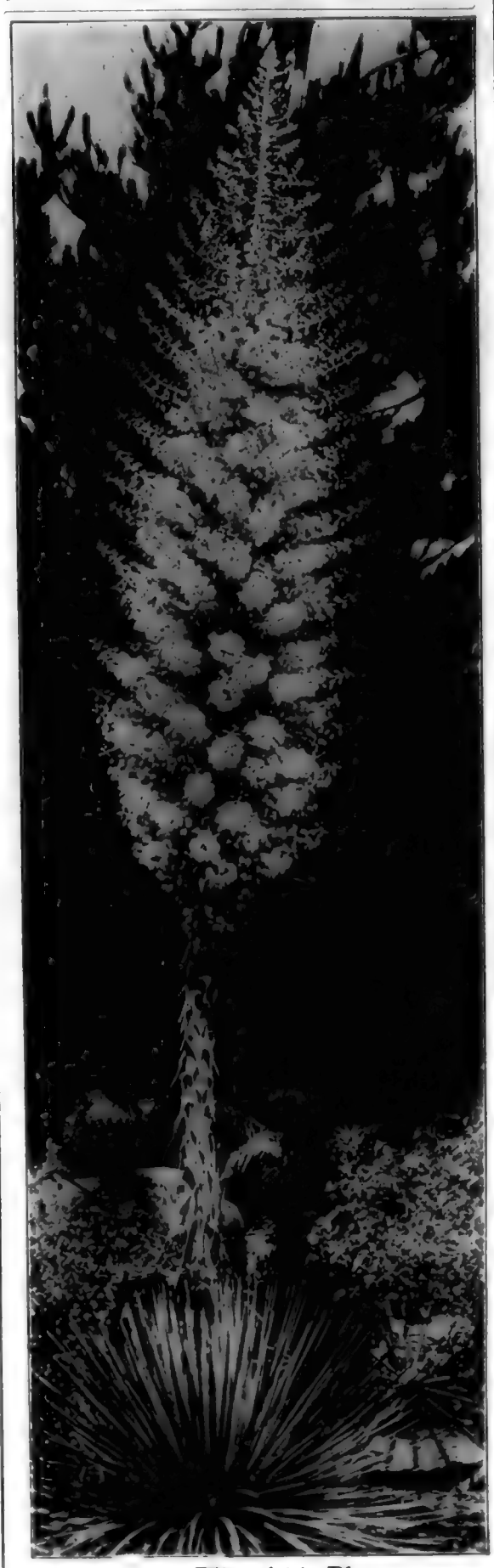
There are wagon loads of peonies of all grades and colors and the out-of-town demand for these seems very light. The best stock is selling at $3 and $4 per 100 and indifferent grades and quantities are sold at very low prices indeed. The Easter lilies still obstruct the market and there are now quantities of gladioli which are little wanted. The receipts of valley continue large, but these are picked up for the spring wedding work. Candidum lilies are seen in most of the wholesale houses and are slow sale. There are quantities of sweet peas, but the quality is off. This is the last of the indoor crop and the outdoor stock will not be in for some time.

There are large receipts in all the odds and ends of spring stock and considerable of this material is going to waste. The new eastern ferns are now plentiful and prices down to $2 per 1000. Asparagus has become very scarce and hard to get in quantity, but there are ample supplies of smilax for the wedding work. Orchids are reported selling briskly at McKellar's.

This week shipping trade is fairly active and furnishes about all there is doing in the market, for the city trade is not heavy and the buyers find no occasion for going to a second house, as they get everything they want at the first stop.

The Fuchs Sale.

The Fuchs place was sold at private sale yesterday to J. S. Wilson, for many years manager of Vaughan's greenhouses,



Yucca Whipplei in Bloom.

Western Springs, Ill., and George A. Kuhl, the well known plantsman, of Pekin, Ill. The sale includes the entire stock, greenhouses, retail store and good will, with a long-time lease on the real estate. The new proprietors are not yet ready to announce their plans, prior to the formal transfer, which is expected to take place today.

Various Notes.

At last week's club meeting the new constitution and by-laws were ordered printed and mailed to members. The meeting June 23 will be the last for the season and at this meeting a committee will be appointed to arrange for a summer outing.

It has been definitely decided that the flower show will open on the Tuesday following the presidential election.

W. N. Rudd has a large proportion of his carnations already benched. His Chicago Market white is about the only variety he is giving summer culture outdoors.

The E. G. Hill Co. has been sending good peonies to E. C. Amling, getting in just before the local cut.

J. E. Holden, at Forty-seventh street and Prairie avenue, has sold his place to Chas. E. Morton, whose place at 3626 Cottage Grove avenue will hereafter be conducted by H. S. Morton. The Holden stand is a very good one and a large business has been done there.

Bassett & Washburn report a very good sale on grafted Brides and Bridesmaid plants from the benches, which have been grown one or more years. They say that growers who have tried them find that they get better results earlier in the season than from the young grafted stock.

Last Sunday's Tribune devoted two pages to pictures and writeup of the McCormick decoration and stated that twenty car loads of shrubbery flowers and ten car loads of cut flowers were used. As a matter of fact the quantities were large. The Wittbolds did the work.

John Reardon, at Martin A. Ryerson's, is having very good success this year with his grapes. He is also growing a quantity of melons of the English varieties, Frogmore Selected and Royal Sovereign.

C. N. Thomas has returned from a two weeks' visit at his home in Pennsylvania.

Percy Jones is getting the first auratum lilies of the season.

Peter Reinberg is at Springfield this week attending the Democratic state convention. He has four of his new houses ready for planting.

Michael Rockland, of E. H. Hunt's is to be married June 21.

Wietor Bros. are getting a big cut of La France roses, many of them on three-foot stems.

Miss Nelda Wolf, of J. A. Budlong's, is absent from her post because of sickness.

E. E. Pieser says that he is looking for an early change in the market, as a few days of such weather as the last week will dispose of the peony crop and the carnation cut already appears to be shortening.

The Benthey-Coatsworth Co. has planted two acres of its aster, Benthey's Perfection, in white and pink, at their place at New Castle. This is growing for seed and a half-acre has been planted north of Chicago for cut flowers.

Visitors: Nathan Brown, of R. S. Brown & Son, Kansas City, Mo.; H. N. Burt, Battle Creek, Mich.; Wm. Dittman, New Castle, Ind.; Wencel L. Cukerski, Grand Rapids, Mich.

Bowling.

The following are the scores made on Tuesday evening, June 14:

Player.	1st	2d	3d	4th	5th	T'l
Degnan	129	173	158	148	149	757
Winterson	181	152	113	121	143	710
F. Stollery	193	128	188	168	163	840
Asmus	184	180	178	178	194	914
Hauswirth	153	163	146	166	144	772
Stevens	191	217	152	185	168	913
Huebner	118	136	140	134	153	681
Scott	120	213	186	131	152	802
Wilson	119	163	176	175	160	793
Balluff	145	156	169	155	102	727

PEONIES FOR JUNE WEDDINGS and COMMENCEMENTS

These are the popular flowers of the season. We can fill all orders with choice stock at $3.00 to $4.00 per 100.

ASPARAGUS is scarce but we have plenty of SMILAX, $2.00 per doz., $15 per 100. Plenty New Common Ferns, $2 per 1000.

All Cut Flowers in Season. **SEND US YOUR ORDERS.**

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 6.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00 to 3.00
Peonies.....per doz., 35c to 50c	
Valley	2.00 to 4.00
Marguerites	.50 to .75
Forget-Me-Nots	1.00
Mignonette, per doz., 35c to 50c	
Sweet Peas	.50 to .75
Callas, per doz. .....$1.00 to $1.25	
Longiflorums, doz., $1.00 to $1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns.....per 1000, $2.00	.25
Galax.....per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax .....per doz., $2.00	
Leucothoe sprays	1.00

Subject to change without notice.

Mention The Review when you write.

BOSTON.

The Market.

There is not much new to chronicle concerning the market since our last report. A week of dark, cloudy and cold weather restricted the output considerably but there was more than enough to go around and the fakirs carry full lines of many of the staples. Roses are deteriorating in quality and sell at low rates. Brides and Bridesmaids bring $2 to $6, some less. Beauties hold up fairly well at from $6 to $12. Many roses are now sold at a dime a dozen on the streets. Outdoor Jacq. roses have appeared and sell well. Carnations also show signs of approaching dissolution although some nice flowers still come in and bring $2 to $3. Inferior grades sell as low as $5 per 1,000 and some are hard to move at that price. Peonies have been very plentiful the past week. Single varieties, while very beautiful, do not take so well as the doubles. Prices have ranged all the way from $3 to $8, good pink and white colors selling well for wedding decorations. A large output of peonies is to be expected this week. Sweet peas remain plentiful and good outdoor stock is now coming in. Nymphæas are used freely for window decorations. Funerals, weddings and steamer orders have helped the market the past week.

Peony Exhibition.

Owing to the abnormally cool weather, temperatures falling as low as 36 and 38 degrees on June 10 and 11, the date for the annual peony show June 11 was a few days too early; nevertheless there was a fine show of these increasingly popular summer flowers. For eighteen double or single varieties A. H. Fewkes and Geo. Hollis were first and second. For singles T. C. Thurlow was in the lead. For the large china vases which hold over 100 blooms each, Wm. Thatcher and W. A. Riggs were first and second. In addition to the exhibits in competitive classes there were many large displays, chiefly of prominent commercial growers, including T. C. Thurlow, E. J. Shaylor, Geo. Hollis, Dr. R. T. Jackson and Walter Hunnewell.

Some of the most desirable doubles noted from a commercial standpoint were: Festiva maxima, still one of the best; Summer Day, Lady Alexander Duff, beautiful white; Golden Harvest, pretty yellow center petals; Jeanne d' Arc, Helena, Duchess de Nemours, Delicourt, grandiflora rosea, Belle Castellane, Mme. Costa, Mme. Rousseau, Mme. Ducal, delicatissima, Mme. de Verneville, Harwood and latipetela. A few of the more desirable singles were: Queen of May, Bridesmaid, Geraldine, Hesperus, Stanley and Adana.

Special awards were made to several of the best novelties. Numerous seedlings were shown, including a table of 100 from T. D. Hatfield. The same exhibitor had a large table of beautiful named rhododendrons and another of hardy perennials. W. Heustis staged 100 varieties of trees and shrubs, cut specimens, and W. H. Spooner a collection of Rosa rugosa. The Fewkes, Geo. Hollis securing the bronze Fewels, Geo. Hollis securing the bronze medal. The class for thirty varieties of peonies will be carried over to the annual rose show on June 21 and 22. The uncertain weather may cause a postponement of the annual rose and strawberry show. A fine exhibition is anticipated.

Various Notes.

The prizes offered by the Boston Gardeners' and Florists' Club, to be competed for when the Chrysanthemum and Rose societies meet here, will be for a vase of twenty-five mixed roses and twelve blooms of any chrysanthemum not in commerce. Prizes in each case will be $25, $15 and $10.

Elisha S. Converse, of Malden, who died in that city on June 5 at an advanced age, was a very liberal patron of horticulture as well as a philanthropist. Exhibits from Mr. Converse's gardens and greenhouses have for some years been a prominent feature at the exhibitions of the Massachusetts Horticultural Society and we trust D. F. Roy, the able superintendent of the Converse estate, may in the future still grace the exhibition halls with his productions

The death of Lucius H. Foster, already recorded in the REVIEW, while not unexpected caused universal regret among the members of the craft. We trust his sport from the Boston fern, named Anna Foster, may for many years help to perpetuate the memory of a good, genial, warm hearted man.

A. Richwagen, of Needham, has for some years been a liberal contributor to our flower and plant markets. His recent death removes one more of our successful growers. Mr. Richwagen enjoyed the confidence of all his business associates.

There has been a remarkably fine show of hybrid aquilegias in bloom at Larz Anderson's estate, in Brookline, of late. Mr. Finlayson, the head gardener, makes them a feature in his fine Italian garden at this season and his display has not been equalled in this vicinity for a number of years.

The Boston Gardeners' and Florists' Club held its second field day June 10, at the estate of Walter Hunnewell, Wellesley. A good number left Boston on the 1:15 train and more would have made the journey had the field day not come at such a busy season. The many interesting and attractive features on this fine estate were eagerly and closely scanned and many were the questions answered by T. D. Hatfield, Mr. Hunnewell's superintendent gardener. The marks of the late severe winter were evident in the appearance of many trees and shrubs, but a grand show of bloom was to be seen on azaleas, rhododrendrons and many other plants. One feature in a shady spot was a quantity of Primula Japonica, which proves quite hardy at Wellesley, with its pretty crimson spikes of flowers rising from a bed of Stellaria Holostea. The members thoroughly enjoyed their day. The next outing will probably take the form of carriage rides over the extensive Boston park system, which is now very attractive.

Florists and gardeners are suffering from a plague of cut worms, which are causing great damage. Carnations are being seriously injured by them. So far we are enjoying something of an immunity from tree pests, thanks to the cool, moist weather.

While a new wholesale market will probably be the outcome of the present agitation for such, there seems to be a lack of enthusiasm for the same. We think if the managers of the present market would meet the dissatisfied growers a compromise might still be reached.

Not for several years has there been so little greenhouse building as this season among commercial growers. Net returns from the past winter would not seem to justify further extensions.

Probabilities are that a good delegation

from this section will take in the S. A. F. convention and World's Fair at St. Louis.

A party of peony specialists visited the nursery of E. J. Shaylor, of Wellesley Hills, on June 12 to inspect his extensive collection of peonies. In addition to the standard varieties Mr. Shaylor has forty-three of Lemoine's and other French raisers' novelties and many of Kelway's. A few of the best of the newer sorts noted were: Mme. Emile Lemoine, Marguerite Gerard, Marie Lemoine, very late; Sapho, Hambeau, Galatea and Mme. Vancel. Mr. Shaylor finds an increasing demand from florists for the better kinds and aims to have the best collection of peonies and gladioli in the country.

Frosts occurred in some parts of Massachusetts during the past week and tender plants and vegetables were much injured. Whole fields of potatoes were blackened in the southeastern part of the state.

W. N. Craig.

PHILADELPHIA.

The Market.

We are enjoying a lively week, full of bustle and activity, in marked contrast to last week's dullness. The street says it is the close of the season. Well, we will enjoy it while it lasts. The supply has fallen off. Many growers realize that their stock was exhausted and not worth sending in, while others are replanting at this, their usual time. The cool wave further shortened the cut. The demand, on the other hand, has increased, especially among the shops patronized by the "four hundred." The Whelan-Goelet, Fell-Henry and other large weddings of the week consumed much material. There were a lot of smaller affairs and a very decided shipping business from several outside cities. To meet this demand Beauties have been foremost. They are still of fair quality, and the price has stiffened wonderfully. The outdoor sweet peas led by Miss Blanche Ferry have come in force just in time. They are of superb quality, bright and fragrant, commanding ready sale. The down-trodden smilax grower is having his inning at last, cutting strings to his heart's content at prices scarce dreamed of since the advent of his wild brother. Valley sells well. Good carnations are fair stock but tea roses seem to be on the back track. Gladioli are here in quantity.

Peonies have reached a healthier state. The awful glut of last week has given way to a moderate supply, about equal to the demand. The beginning of next week will finish the local supply.

The Florists' Club.

Stern duty forbade a report of the meeting at Horticultural Hall last week. As it is better late than never, it was peony night and a great show was given. Frank Gould, gardener to John T. Morris, of Chestnut Hill, was the principal exhibitor, with a magnificent collection comprising many of the best sorts. Great interest was taken in the coming St. Louis convention. Committees were appointed on transportation and hotels.

Base Ball.

The great game of last Saturday, announced in the Review one week ago, was successful in every way. There was fine weather, keen rivalry and a good attendance, proving that florists have plenty of sporting blood. The Flower Market won by a score of 16 to 8, despite the presence of the genial Robert Craig, who cheered his nine. After the game the two teams enjoyed a refection at Ellinger's, nearby. Following are the teams:

Flower Market: Hartley, 2b; Schock, 3b; Jordan, p; Davis, ss; Fariano, c; Eble, lf; Palmer, rf; Upton, cf, Clarke, 1b.

Craig & Son: Kline, lf; Hansel, cf; Kennedy, ss; Swan, 2b; Brown, rf; Lord, 1b; Lawrence, p; Dieroff, c; Boyle, 3b.

Germantown Horticultural Society.

The June meeting of the society was held last Monday evening. President Neville in the chair. Secretary Redles read an interesting paper on the peony prepared by S. Mendelsson Meehan. Frank Gould also spoke on the same subject. There was an interesting exhibition and good attendance.

Various Notes.

Edward Reid is receiving Shakespeare gladioli in a variety of colors.

This week, June 15 to 18, marks Atlantic City's fiftieth anniversary. Many of the hotels are decorating for the occasion, drawing upon this city for quantities of roses, carnations and smilax. Eugene Bernheimer shipped some nice orders for this event.

The Wm. Graham Co. had the decorations for the Whelan-Goelet wedding on Tuesday. Beauties and smilax were largely used.

H. H. Battles decorated a large wedding recently with clusters of lilies of the valley woven in the bridal canopy and long-stemmed Beauties in the dining room.

M. Rice speaks in cheerful vein of his recent trip to Europe. Two humorous pen sketches adorn his office as souvenirs. One of a belated passenger rushing up the gang plank of a departing steamer just as it is drawn in, the other of the same passenger perched in the bowsprit of the returning steamer enjoying the funny things his friends on the wharf are saying.

H. Bayersdorfer & Co. are extending their office to give needed room for their clerical force.

C. F. Edgar & Co. are preparing to put a new flower holder on the market. The idea is a cornucopia-shaped paper with a wire catch at the top to be fastened after the bunch of flowers has been slipped inside. It will come in several sizes. Charles Krueger, at the Reading terminal, has it on trial.

Wm. J. Baker has experienced good demand for smilax and his "steady" carnations.

Samuel S. Pennock has had some large shipping orders for Beauties this week.

Girard College is the Mecca for florists now. They go to see the grounds and Edwin Lonsdale. Edward Swayne, of Wawaset, was there this week.

Johnson & Stokes have experienced a good demand for vegetable plants this week.

John A. Shellem states that he will retire from the business on July 1.

George Burton has been shipping a large quantity of fine Beauties to Leo Niessen from his father's Queen street place.

Phil.

ST. LOUIS.

The Market.

The past week the market was still active. Not alone were the boys busy with World's Fair decorations, but there were a great many June weddings, both large and small. School work also took up a great deal of our time, but not so much as in former years, when night work was necessary to get the orders out in time. There is a big supply of cut flowers at the wholesale houses and the bulk of them of good quality. In roses Brides are fine, Bridesmaids somewhat off color, Liberty fine in color but short in stem. Some good Golden Gates are also to be had. They sell as high as $6 to $8 for fancy and $4 to $5 for firsts. American Beauties are coming in fine and for long

IMPORTANT!

Every Florist will find it to his interest to watch this space each week. In it will be found some new Ideas of great value.

We have the entire Stock of Superior New Christmas Bells. When you see them at St. Louis you will want no others.

H. BAYERSDORFER & CO., 50-56 N. 4th Street, **Phila.**

NEW CROP

SEEDS

PRIMULA SINENSIS FIMBRIATA
(English Grown.)
"The Grand" Mixture .....trade pkt., 50c
Primula Forbesi.. .....trade pkt., 25c

CINERARIA HYBRIDA GRANDIFLORA
(English Grown.)
Hunt's "Special" Mixture, trade pkt., 50c

CALCEOLARIA HYBRIDA GRANDIFLORA
Hunt's Import Mixture....trade pkt., $1.50
All the types, including the self-colored, tigered, mottled, variegated, spotted.

GLOXINIA GRANDIFLORA
Hunt's Extra Select Mixture, tr. pkt., 50c
A mixture of exclusive French hybrids, including Fire King, Defiance, Frederic, etc.

E. H. HUNT,
76-78 Wabash Ave., CHICAGO.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

Lily of Valley.

We are receiving some

EXTRA SELECTED cut VALLEY

that will please the most critical.

E. H. HUNT, 76-78 WABASH AVE., **CHICAGO.**

For JUNE WEDDINGS and SCHOOL CLOSINGS

A complete line of BASKETS, RIBBONS, etc.

ANNUAL

CLEARANCE SALE.

To close out surplus stock we will offer the following goods at **greatly reduced prices** until sold. Orders filled in rotation. **ORDER QUICK TO INSURE THESE PRICES.**

SPHAGNUM MOSS—Clean and fresh. 5 bales, $4.00; 10 bales, $7.00; 25 bales, $16.50

WHEAT SHEAVES—Per dozen: A, $1.40; B, $2.25; C, $3.25; D, $4.50; E, $5.50; F, $7.00; G, $9.00.

RIBBONS—Best florists' satin, all colors, per bolt: No. 5, 40c; No. 9, 75c; No. 12, $1.00; No. 16, $1.15; No. 22, $1.35.

CYCAS LEAVES—Best imported stock. 24-inch, $1.10 per doz.; 40-inch, $1 80 per doz.; 24 to 48-inch, assorted, $10.00 per 100.

CANE STAKES—4 to 8 ft. long, $4.00 per 1000

BASKETS—All kinds in assortments, $5.00 $10.00 and $25.00. 10 per cent. less than regular prices.

TIN FOIL—Either 5 or 7-inch. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $2.00; 100 lbs., $8.00.

TISSUE PAPER—"American Beauty" per bundle, $4.50.

No Quantity less than those named at prices quoted.

E. F. WINTERSON CO., Successor to MCKELLAR & WINTERSON, 45-47-49 Wabash Ave., **CHICAGO.**

E. F. WINTERSON. ..... JOHN P. DEGNAN. ..... L. H. WINTERSON.

Mention The Review when you write.

stock $2.50 to $3 per dozen is still the price.

Carnations are still up in price, with fancy stock not any too plentiful at $2.50 to $3, firsts $1.50 to $2. Some extra fine Wolcott, Hill and Lawson are to be had. Fine red and pink peonies from cold storage are plentiful at $4 per 100. Candidum lilies are plentiful at $10 per 100 stalks and are quite good sellers. Sweet peas are in great abundance. Light shades have the call; others are generally left over or sold cheap in job lots. The market is in good condition again as to greens.

Club Meeting.

The club's June meeting last Thursday was largely attended, with all the officers present except Vice-president William Winter. George M. Kellogg, of Pleasant Hill, and Paul Roper, of the Botanic Garden, were elected to membership. The president appointed W. J. Pilcher to act as sergeant-at-arms for the coming S. A. F. convention. It was decided that our annual picnic should not take place until after the convention this year. The discussions lead by Brothers Ammann and Schray, on "Replanting Rose Stock" and "Growing Hydrangeas," were very interesting. Those who took part in the discussion were Messrs. Giebel, Fillmore, Felter and Dunford. After this Mr. Ammann made some well directed remarks to the members to attend the meetings promptly, also their committee meetings, to work hard and make this the banner meeting of the S. A. F. O. H. In the question box a number of important queries were found which came up for debate. This has become one of the features of our meetings of late. A special meeting of the club will be held Thursday, June 23, at 2 o'clock. Otto Koenig, who is chairman of the finance and entertainment committee, invited the members to hold this meeting at his place, 7471 Florissant avenue, at which every member of the club is invited to be present and take part in the proceedings. The next regular meeting of the club will be held July 14 at our regular meeting hall in Odd Fellows' building. At this meeting James W. Dunford will lead a very important discussion, the subject being left for him to select. We all know Mr. Dunford's ability and know it will be interesting. The meeting then closed, after which the different S. A. F. convention committees held short meetings, making arrangements as to the work before them. They now meet each week and report fine progress.

Various Notes.

A. S. Halstedt, E. W. Guy and Henry Emmons, of Belleville, Ill., were visitors the past week, taking in the World's Fair. All of these gentlemen report their spring plant trade as never better. Cut flower work, too, has been good in every department.

Mr. and Mrs. Trelease have returned from a very pleasant trip to Madison, Wis., where they spent a week visiting friends.

There are 1,500 rose bushes in all varieties in full bloom in the rose gardens rear the Agriculture building at the fair. A fine lot of mountain laurel from Pennsylvania is now in full bloom. There is also a fine lot of rhododendrons from Eaglesmere lake, Pennsylvania. Miss Jennie Cassidy, the originator of the Flower Mission day in St. Louis, distributed 5,000 carnations and roses last week at the World's Fair from the headquarters of the W. C. T. U.

The city park employes held a big jubilee last Saturday night in one of the new greenhouses in Forest park. There was plenty to eat, drink and smoke. During the evening the boys presented Supt. Meyer with a gold shield emblematic of the office he holds.

The waterworks convention during the past week ended with a banquet at the New Jefferson hotel, at which the floral decorations were elaborate, consisting of carnations and American Beauties. These were furnished by J. J. Beneke.

The attendance at the World's Fair is increasing right along. Those who have the cut flower concessions report a big business.

Bowling.

Following are the scores made Monday night:

Team No. 1.	1st	2d	3d	T'l
Beneke	184	166	165	515
Miller	125	118	192	435
Ellis	139	168	173	480
Meinhardt	131	131	111	373
Totals	604	583	641	1,803
Team No. 2	1st	2d	3d	T'l
Kuehn	168	203	174	545
Ellison	165	189	143	497
Weber	147	117	164	428
Beneke Jr.	96	167	140	403
Totals	576	676	621	1,873

On Thursday of this week the lady bowlers, in company with their husbands, will spend a social evening at the home of F. C. Weber, 4326 Olive street. The evening will be spent playing the swinging nine pin game, which Mr. Weber has erected on his lawn. J. J. B.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

THE nurserymen's national convention convenes at Atlanta, Ga., next Wednesday.

C. W. GURNEY, of Yankton, S. D., has been in the nursery business in the northwest for thirty-two years.

OREGON is coming to the front in fruit growing. Nurserymen are doing large business there in fruit trees.

W. T. ASHFORD, of the Kennesaw Guano Co., Atlanta, Ga., is starting a nursery on his country place near there, for wholesale business only.

AS ornamental planting develops in the middle and western states, the call for flowering shrubs increases. And it will increase for years to come.

IT begins to look as though the craze for planting peaches might be on the wane. If the anticipated yield develops this season will see prices very low.

THE Peterson Nursery, Chicago, which recently refitted its offices at 170 La Salle street, will have to vacate before May 1 next, as the building is to be replaced by a skyscraper for the Northern Trust Co.

EUGENE STARK, of Louisiana, Mo., created the sensation of the day at the meeting of the Missouri Horticultural Society at St. Louis last week, by charging the officers with lax methods of accounting.

CIVIC SOCIETIES UNITE.

The American Park and Outdoor Art Association, which, at its organization, was considered as aiming to represent the higher branches of horticulture, has so far departed from the original plan that at the convention held at St. Louis last week it was merged with the American League for Civic Improvement under the new name of the American Civic Association. J. Horace McFarland, of Harrisburg, Pa., was elected president and C. M. Robinson, of Rochester, secretary.

NEW PEONIES.

On the second day of the rhododendron show at Boston, June 5, Dr. R. T. Jackson showed four of his early blooming Richardson seedling peonies. These were as follows:

G. B. Sowerby, seedling of John Richardson; early, double, center petals creamy white, guard petals pink, very like officinalis alba and perhaps too close to that variety to merit special attention.

W. H. Dall, posthumous seedling of John Richardson; single, pure white, broad petals almost round, stigmas red; a good flower.

Emily Andrews Jackson, posthumous seedling of John Richardson; single, dark rose, flowers of good size and substance.

Esther Jackson, posthumous seedling of John Richardson; single, pure white, narrow petals; rather inferior.

There are many splendid sorts among the Richardson seedlings. Dr. Jackson, who grows them, will show the entire collection at Horticultural Hall this season and they are bound to excite great interest.

On June 11 the following new varieties of peonies received recognition at Horticultural Hall:

Ferdinand Stoliczka, Richardson seedling from Dr. Jackson; guard petals broad, light pink; center petals creamy white; a fine variety, awarded a certificate of merit.

Charles Sedgwick Minot; Richardson seedling from Dr. Jackson; guard petals pink, fringed; center petals bright pink, narrow; a very fine, full flower, with a fine odor; received a certificate of merit.

Lady Alexander Duff (E. J. Shaylor), a magnificent white, large broad petals in way of Festiva maxima; finely perfumed; received certificate of merit.

Seedling No. 1, (T. D. Hatfield) delicate flesh color, guard petals broad, very full, anemone-like center; certificate of merit.

Seedling No. 25, (T. D. Hatfield) guard petals white, delicately flushed with pink; center petals very closely packed and flaked red, like Festiva maxima; certificate of merit.

Seedling No. 623, (Geo. Hollis) broad guard petals, anemone-like center, deep purplish rose color; received honorable mention.

W. N. CRAIG.

For **June Weddings** and **Commencement Exercises.**

PEONIES

We are large handlers of this old favorite flower and can supply them in any quantity.

$2.00 to $5.00 per 100, according to quality and variety.

LILY OF THE VALLEY -- Fancy Selected.

SWEET PEAS, all colors. ASPARAGUS PLUMOSUS, SMILAX, ROSES, CARNATIONS, etc.

Headquarters for HARDY FERNS.

A daily cut from 40 growers. "Highest Qualities" as well as "Under Grades" at ruling market quotations. We can and will supply your Cut Flower wants to advantage. We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.

E. F. Winterson. John P. Degnan. L. H. Winterson. Successors to McKellar & Winterson.

45-47-49 Wabash Avenue, - - CHICAGO.

H. P. AND OTHER ROSES

from 4 and 5-inch pots, fine plants in full foliage, Crimson and Yellow Rambler, Clothilde Soupert, Couquette des Blanches, La Reine, Gen. Jacqueminot, etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots, at 18c; 1-year, from 3 inch, 9c. Clematis Paniculata, from 4 and 5-inch pots, 12c. Ampelopsis Veitchii, 4 and 5-inch, 10c. Perennial Phlox, fine named sorts, 4 and 5-inch, 15c.

PACKING FREE FOR CASH.

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EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft.,	$25.00	per 1000.
Strong, 2 to 2½ ft.	20.00	"
1000 Coreopsis, strong clumps	4.00	per 100.
Achillea The Pearl, strong clumps.	6.00	"
Gaillardia Grandiflora, clumps	5.00	"
Golden Glow, strong clumps	2.50	"
Helianthus Maximiliani	2.50	"
Roseum	3.00	"

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.

The Cottage Gardens Company,
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Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

PETERSON NURSERY,
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PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

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Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

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Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

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ORCHIDS

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Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME. L. D. Phone Central 3598.

Everything in suitable FLOWERS and SUPPLIES for JUNE WEDDINGS and SCHOOL CLOSINGS.

Phone or telegraph your rush orders if you want prompt service and the best stock.

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CINCINNATI.

The Market.

While trade is not so lively that it is keeping any of us working overtime, still everyone seems to have pretty good business and it has a steadiness that looks good. The demand for stock of all kinds is good and, though prices are not especially high, the amount of stock that is being handled makes up for that a great deal. Weddings and commencements are the cause of what trade there is and prospects point toward a very good June business.

Roses have dropped to summer conditions with great rapidity this year, and those to be had at present look more like July roses than one usually sees in June. Beauties from the north are still pretty good, but Brides and Maids are pretty poor and many of them are suffering from mildew.

Carnations are coming in large numbers and many of them are fine. Others though show the effects of the hot weather and are almost unsalable when they arrive at the wholesale houses. W. J. Rodgers is cutting some very fine carnations for any time of the year. And those being received from the B. K. & B. Floral Co., of Richmond, Ind., are as fine as in mid-winter.

Daisies, stocks, sweet alyssum, cornflower and feverfew are all in good demand and there is enough to fill all orders. Sweet peas are selling very well but at a very low price. Lilies are also very good property. Peonies have been very good this year but those in this part of the country were unfortunate in not blooming for Decoration day. Nevertheless, they sold very well. The crop is just about over now, but cold storage ones are to be had and there is a good demand for them at 50 cents per dozen. "Green goods" are in fairly good supply and selling well.

Club Meeting.

Saturday evening the regular meeting of the Florists' Society was held. There was not a very large gathering of the members but those present were enthusiastic. Nominations for board of directors were in order and the following ten gentlemen were named from which number five will be elected at the next meting: Geo. Murphy, Chas. Murphy, R. Witterstaetter, Wm. Schumann, Ben. George, Jas. Allan, W. Rodgers, D. Rusconi, Aug. Hoffmeister and Gus Adrian.

It was decided to hold the election of officers on Thursday, June 23. A committee was also appointed consisting of Ben George, H. Schwarz and C. J. Ohmer to arrange for a banquet to be served on the same evening to the members of the society and their wives or lady friends are also especially requested to be present. This will be without cost to the members of the society. The meeting will be called to order at 8 p. m., and a good time is promised all those who will be fortunate enough to be present.

A committee consisting of Geo. Murphy, D. Rusconi, J. W. Rodgers, H. Konzelman, and W. Schumann was also appointed to make the necessary arrangements for the florists' annual outing, to be held some time in July. They were given full power to act.

Various Notes.

O. C. Heberling, of the Georgetown Floral Co., Georgetown, Ky., was a caller.

H. J. McLain is busy preparatory to opening a flower store at 413 Scott street, Covington, Ky.

F. W. Ball, while on a fishing trip on the Little Miami, slipped down a steep embankment and suffered a fracture of his left arm above the elbow.

C. J. OHMER.



WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

WE REPRESENT MORE GLASS
THAN ANY OTHER COMMISSION DEALER.

ORDER

JUNE PEONIES

FROM US

KENNICOTT BROS. CO.

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 23d annual meeting will be held at St. Louis, Mo., June, 1904.

THE Wholesale Seedsmen's League holds its annual meeting at St. Louis June 24.

JOHS. TELKAMP, bulb grower, of Hillegom, Holland, is at New York to remain until September.

BURPEE & Co. mailed their annual wholesale price list on turnip, winter radish and spinach seed June 10.

BEAN planting is under way in the Michigan regions. Favorable weather is reported and the ground in good shape.

CUCUMBER seed for pickles is being hurried into the ground. Conditions are reported very favorable for a good start.

T. E. Buckbee, of Rockford, Ill., father of H. W. and John T. Buckbee and himself well known in the seed trade, died June 7, aged 70 years.

MAX WILHELMI, of Barteldes & Co., Lawrence, Kas., was a visitor at Chicago the past week. He spent two days looking over the onion set fields.

LOUISVILLE, KY., June 13.—The dry weather here is doing much injury to the growing crops. If rain does not come soon the damage to the onion set crop will be very serious.

BERG & SMALLEY are successors to E. Annabil & Co., seed growers and dealers, McPherson, Kas. Jas. Smalley was the junior partner of the old firm and active in it for years.

SEED for replanting squash, cucumber and pumpkin is being called for. The cut worm is working in several of the seed growing sections. Musk melon seems to be freer from the trouble than the other vine crops.

AT Chicago a brisk demand for stocky tomato plants was a feature of the week. Market garden trade for June so far has been remarkably large. Home grown produce is cutting something of a figure now and the market gardener can afford to purchase needed supplies.

THE Gardeners' Chronicle (English) gives a lengthy obituary of Thomas Smith, the head of the Scottish seed house of T. Smith & Sons, who died May 18, aged 84 years. Archibald Smith, another son, has for eighteen years been connected with Joseph Breck & Sons, Boston.

VISITED CHICAGO.—A. Kirsche, of Apolda, Germany, grower of oats and beets, who has an exhibit at the St. Louis exposition; Mr. Walter, of Stumpp & Walter Co., New York, on his way east with his family from the St. Louis fair; E. F. Crossland, of Steele Briggs Co., Toronto.

A NEW GARDEN BEAN.

Van Namen Bros., the well-known Holland seedsmen, will shortly distribute in this country, through C. H. Joosten, a new white-flowering garden bean of which they say in a Dutch circular: "They are very suitable for preserving and retain their natural white color after being cooked, also in tins, which cannot be said of any other garden bean variety and it cannot be too highly recommended to canners. When in bloom it is distinct from any other bean; they do not show any black spots and the plant bears pure white flowers."

SEED TRADE CONVENTION.

The American Seed Trade Association will come to order at the Forest Park University Hotel, St. Louis, at 10 a. m. next Tuesday, June 21, for its twenty-second annual convention. The program is one of the most interesting ever prepared for the association and the proximity of the World's Fair, with much of interest to the trade, will aid in making this the most successful of the association's regularly successful gatherings.

SEASON AT BOSTON.

R. & J. Farquhar & Co. report that the seed season now closing opened later than last year, much of the usual March business having been put off to April. The pressure in April was very great and the season was prolonged to almost the end of May. Fewer extra early peas than usual were sold, owing to the lateness of the season and lack of opportunity to plant them. When the season opened Gradus and other wrinkled peas were planted. Sweet corn, cucumbers and wax beans have been scarce, owing to unfavorable harvesting weather. Other vegetable seeds have sold well and surpluses are small. The trade in flower seeds, bulbs and plants has been quite up to the average, but shrubs and trees have sold less freely than last year, the planting season for the latter being practically crowded into two weeks. Although short the season has been a busy one and the volume of business quite up to the average.

HIGH PRICES NO BAR.

The one lesson to be learned from this season's business is that high prices do not reduce trade. While, of course, from the difference in the weather, we did not have quite as large a trade during the month of March as last year, yet our total business up to the last day of March was a little ahead of a year ago while the gains in April and May have been phenomenal, making in all the largest year's trade that we have ever handled.

W. ATLEE BURPEE.

BULB PRICES.

The French syndicate of bulb growers is endeavoring to profit by last year's experience and has issued a price list on French Romans which is an advance of about $1 per 1,000 on the last year's market. Latest cable advices are to the effect that French Romans are quoted as follows: 11-12 centimeters, 65 francs; 11-15, 75 francs; 12-15, 82½ to 85 francs; 13-15, 95 to 100 francs. These prices are f. o. b. Ollioules. One of the largest growers reports that his crop will be about two-thirds that of last year and thinks this is a fair average for the district.

Prices on Paper Whites are quoted at 18 francs for the 12 centimeters and up. On 13 centimeters and up the quotation is 25 francs.

Recent advices from Japan are to the effect that Lilium longiflorum multiflorum in the large sizes will be very scarce, not more than ten per cent as many 9-10s being harvested as 7-9s. Of giganteums twenty per cent as many 9-10s as 7-9s are expected.

The harvesting in Bermuda will be underway in a few days. A scarcity of large sizes of Harrisii is predicted there.

NOVELTY. Garden Beans. NOVELTY.

WHITE FLOWERING GARDEN BEANS

Which remain ENTIRELY WHITE after being conserved. Above named HIGHLY VALUED Novelty, which finds abroad its consumption on aristocratic boards, we offer to the American Seed Trade and conserving industry.

For prices on contract orders apply to Mr. C. H. JOOSTEN, 201 West Street, New York.

SAMPLE OF THE BEANS will be mailed to those interested.

Van Namen Bros., Seedsmen,

ZWYNDRECHT, near Rotterdam, HOLLAND.

ENGLAND'S PRIZE STRAINS

CINERARIA and CHINESE PRIMROSE

UNRIVALED STRAINS FROM ENGLISH SPECIALISTS.

CINERARIA English Prize Giant Flowering, mixed, Half Trade Packet, 50c; Trade Packet, $1.00.

PRIMULA (Chinese Primrose) English Prize Fringed, mixed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.

CYCAS STEMS Long-leaved variety, 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; per case, (300 lbs.) $18.00. Stems range in weight from 1 lb. to 10 lbs.

Write for Prices on French and Dutch Bulbs.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Primula Seed

THE VERY FINEST SELECTED STRAIN.

ALBA MAGNIFICA, white, 50c per packet.
RUBY QUEEN..... 50c "
ROSE CARMINE..... 50c "
THE BRIDE..... 50c "
CHESWICK RED..... 50c "
PINK BEAUTY..... 50c "
ROSE QUEEN..... 50c "
BLUE GEM..... 50c "

All our Primula Seed is sold in sealed packets only and contain 150 seeds.



Cineraria Seed

S. & W. CO.'S GIANT PRIZE STRAIN,
Per pkt. (500 seeds), 50c; per 1-64 oz., $2.00

CINERARIA GRANDIFLORA,
Large flowered, prize varieties, splendid mixed, per 500 seeds.....$1.00
Per 1-64 oz..... 3.00

MIGNONETTE MACHET,
Per packet.....25c; per oz., 75c

CANDYTUFT EMPRESS,
Per packet.....10c; per oz., 25c

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

Mention The Review when you write.

Thorburn's BULBS

We are now prepared to quote

LILIUM HARRISII,
LILIUM LONGIFLORUM,
DUTCH HYACINTHS,
ROMAN HYACINTHS,
PAPER WHITE NARCISSUS,
TULIPS

and other Bulbs for florists. Send for prices, stating kinds and quantities required.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.
Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.
Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000.
Headquarters for finest **CUT VALLEY.**
H. N. BRUNS,
1409 W. Madison St., CHICAGO.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Michell's Prize Seed Primula Buttercup

Made the hit of the past season. Its beauty, vigor and freedom of bloom make it rival the famous Begonia Gloire de Lorraine as a holiday plant. It is of easy culture. Its exquisite yellow flowers last well in the house. ⅛ trade packet, 60c; trade packet, $1.00.

CALCEOLARIA Hybrida Grandiflora, C. Hybrida Grandiflora Compacta, James' Superb Strain, ⅛ trade pkt., 60c; trade pkt., $1.00. C. Rugosa (Shrubby) 34c pkt., small.

CINERARIA Gradiflora prize, blue, crimson, white, dwarf, mixed, medium tall mixed, ⅛ trade pkt., 60c; trade pkt., $1.00. James' Giant Strain, mixed, same price as above. Choice mixed Hybrids, ⅛ trade pkt., 30c; trade pkt., 50c. Double mixed, ⅛ trade pkt., 60c; trade pkt., $1.00. Sutton's Stellata (Star Cineraria), original pkt., 60c. Stellata Hybrida, original pkt., $1.00. Maritima Candidissima, white leaved, trade pkt., 10c; 1 ounce, 25c.

Henry F. Michell Co., 1018 Market Street, **Philadelphia.**

Mention The Review when you write.

A LIBERAL DISCOUNT TO SEEDSMEN ON

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2 75; per 1000, $5 00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs.. $4.00.

SURPLUS SEEDS. Van Hamen Bros'. Excelsior Holland Grown Cabbage Seed, late, large, round, solid, white heads, per lb., $1.10; 10 lbs., $10.00. **Van Hamen's Autumn Mammoth Cauliflower,** large snow white, per ¼ lb., $1.50; per lb., $5.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention the Review when you write

PANSY SEED.

Boddington's "Challenge," a mixture of the choicest strains of **5 leading Pansy specialists of America and Europe.** All large flowers of good substance in an infinite variety of color and markings. New Crop Seed ready July. Trade pkt., $1.00; ¼ oz., $2.00; oz., $5.00

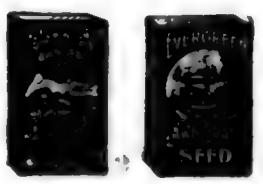
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Boddington's "Majesty," the finest of all fancy varieties of Mignonette, an improvement on "New York Market." Seed saved only from select spikes under glass. Per trade packet of 2000 seeds, $1.00.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**

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Lawn Grass Seed in bulk and packages



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Special Prices to dealers. **GOLF MIXTURES.**

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Samuel S. Pennock, THE WHOLESALE FLORIST
VALLEY BEAUTIES Ribbons and Supplies
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CHRYSANTHEMUM MANUAL.

Send the Review 25 cents in coin or stamps and we will mail you a copy of Elmer D. Smith's new book, the Chrysanthemum Manual. It is a pamphlet of eighty pages, with eighteen illustrations, and embodies the experience of a lifetime spent on this specialty.

THE ODORIFEROUS CAPE.

In speaking of the wonderful things he saw in the establishment of a florist who gave him a bunch of flowers, an Illinois editor said: "Fifteen hundred cafe jessamine bloom were received from the South Texas coast for Decoration day. When all unpacked these filled thirty large vessels and the odor permeated the entire house. These flowers are grown in shallow water on the sea coast and are becoming more and more popular each year for Decoration day flowers. The petals are waxy white and the foliage a very dark, brilliant green."

Nevada, Mo.—G. P. Kaupp & Son are building a new carnation house, 26x100.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Competent storeman; references required. Central Greenhouses, Sandusky, Ohio.

WANTED—Good grower of roses and carnations; must be sober and reliable and able to grow first-class flowers; wages, $60.00 to right man; place permanent. Address No. **157**, care Florists' Review, Chicago.

FOR SALE—A rare opportunity—The greenhouse department of an Illinois nursery firm, covering about 30,000 feet of glass; located on electric street car line and three paved streets; eight minutes' ride from court house; good local and mail order trade; established over 50 years; population 30,000; four railroads; American and U. S. Express Co's; only two other florists in city; parties desire to sell on account of other interests. Address No. **155**, care Florists' Review, Chicago.

WANTED—Competent rose grower foreman for section; large establishment in Chicago; good place for right man; Chicago applicant preferred; wages $15.00 per week, married man. Address No. **160**, care Florists' Review, Chicago.

SITUATION WANTED—By a first-class grower of roses, carnations and mums as foreman where No. 1 stuff is wanted. Address No. **161**, care Florists' Review, Chicago.

WANTED—A good grower who is capable of taking charge of greenhouse business. H. H. Peterson, 3526 Broadway, Everett, Wash.

FOR SALE—Or lease, seven greenhouses, 7500 feet; 8-room dwelling and one acre ground. Willard Smith, Spokane, Wash.

WANTED—Two men, single; good growers of cut flowers and general pot plants. Address No. **162**, care Florists' Review, Chicago.

WANTED—To rent greenhouse establishment of 20,000 or more feet of glass; place must be in good condition, within 15 miles of Chicago; will buy stock. Address No. **158**, care Florists' Review, Chicago.

GLASS WANTED—Could use 50 to 100 boxes of 14x16 or 16x18 glass, either new or second hand. If second hand must be in good condition and cheap. Hamilton & Plummer, Kewanee, Ill.

WANTED—Young man, competent to grow cut flowers and pot plants for retail trade. Address, with references and salary expected, A. M. Terrill, Box 37, Calgary, Alberta, Canada.

WANTED—To rent, a small place, not over 8000 square feet, in or within 30 miles of Milwaukee. John Wild, Route 1, Grand Haven, Mich.

SITUATION WANTED—By young man, German, single, age 32; 15 years' experience; good recommendation; private or commercial. Address No. **159**, care Florists' Review, Chicago.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—Or Rent—Greenhouse in good condition, doing paying business. Address Vern L. Schluraff, Erie, Pa.

FOR SALE—A well-paying, up-to-date greenhouse establishment, in thriving town with 6 railroads, in Central Indiana natural gas belt; best rose soil in country; a golden opportunity for a florist with small capital. Address No. **142**, care Florists' Review, Chicago.

FOR SALE—Gasoline engine used for pumping, will raise 300 gallons per hour 50 feet high. Guaranteed to be in good working order; price complete with new battery $40.00. Address W. R. Gray, Fairfax Co., Oakton, Va.

FOR SALE—One 25 horse-power horizontal boiler; one 45 horse-power horizontal boiler; one Marsh Low-Pressure Steam Pump. Write for particulars. O. L. Baird, Dixon, Ill.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. **149**, care Florists' Review, Chicago.

WANTED—At once, florist to take charge of small retail place (Texas); $30 per month, room and board, to competent man; references required. Address No. **144**, care Florists' Review, Chicago.

WANTED—Foreman for section of rose houses (Chicago); must be competent, married man; must answer in person if considered; wages $15.00 per week. Address No. **152**, care Florists' Review, Chicago.

WANTED—A good all-round florist for cut flowers and pot plants; wages $12.00 per week. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. **153** care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Cheap for cash, a well-paying florist business. 4 000 square ft. of glass, in city of 18 000. For particulars, address A. Schoepen, Marietta, O.

FOR SALE—The greenhouses and property of C. B. Humphrey, at Rome, N. Y., consisting of about 15,000 sq. ft. of glass; eleven-room dwelling house with modern conveniences; the property consists of 165 ft. frontage and 150 ft. deep; this place is doing a fine retail business; for sale on account of poor health. If property is not sold will sell stock and lease to responsible party. C. B. Humphrey, Rome, N. Y.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. **151**, care Florists' Review, Chicago.

FOR SALE—At auction, florists' and market gardening place, 10 a. m. Thursday, June 23, 7,000 feet of glass, steam heat; 25 acres of land; house, barn, stock, tools, crops; near 15,000 population; on electric road; fine chance. A. F. Johnson, Gardner, Mass.

FOR SALE—On account of failing health, well paying retail business; 3,500 feet of glass; steam and hot water heat; two boilers; houses built last summer; two acres of ground; barn and dwelling. For particulars, address City Greenhouse, Newton, Iowa.

WANTED—A first-class, up-to-date designer, decorator and store man; give reference, experience and wages expected. Washington Floral Co., Washington, Pa.

SITUATION WANTED—By young, sober and industrious man; well experienced in roses, carnations, ferns and general work; expect good wages, with board, room and washing; preferred in south or west. Address No. **154**, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant, up to date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. **143**, care Florists' Review, Chicago.

WANTED.
FIRST-CLASS Carnation Grower.
BRANT & NOE FLORAL CO.
Forest Glen or 60 Wabash Ave., Chicago.

Wanted -- At Once
A thoroughly practical man to take full charge of a Fern and Asparagus growing establishment, also to hire and discharge men. None but an energetic man with first-class references need apply. Address
Mrs. D. FISHER, MONTVALE, MASS.

Situation Wanted
By a designer and decorator, second to none. Can furnish the very best of references as to ability. Am capable of taking entire charge of store. The West preferred. Address No. **140**, care Florists' Review, Chicago.

WHEN YOU WANT Engravings made
send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.
DEARBORN ENGRAVING CO.,
300-306 Dearborn St. CHICAGO.

LEO NIESSEN.

For JUNE WEDDINGS and COMMENCEMENTS
BEAUTIES AND VALLEY

Wholesale Florist, 1217 Arch St. PHILADELPHIA.

ROSES, CARNATIONS AND SWEET PEAS **EUGENE BERNHEIMER**

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.
Mention The Review when you write.

BERGER BROTHERS, Roses and Sweet Peas.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.
Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, 36-inches and up	$3.00
" " 30-in. stem	2.50
" " 24-in. "	2.00
" " 20-in. "	1.50
" " 15-in. "	1.25
" " 12-in. stem	1.00
" " Short stem	.75
	Per 100
CHATENAY, select	$ 8.00 to $10.00
" medium	4.00 to 6.00
LIBERTY, select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	3.00 to 6.00
BRIDESMAID	3.00 to 6.00
METEOR	3.00 to 6.00
GOLDEN GATE	3.00 to 6.00
CARNATIONS	1.50 to 2.00
ROSES, OUR SELECTION	3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

Always mention the Florists' Review when writing advertisers.

FOR SALE.

300 4-in. pink and white geraniums, fine plants. $5.00 per 100; 300 Cannas, 4-in., assorted, 5c; 300 Candytuft. 2-in., 2c; 200 Forget-Me-Nots. 3-in. $3.00 per 100; 200 Dusty Millers. 2-in., $2.00 per 100; 200 Mme. Salleroi. 4-in., $5.00 per 100; 500 Snap Dragons, 2-in., $1.50 per 100; Marigolds, 3-in., $3.00 per 100; Asters 2-in., all colors, $1.50 per 100. This is all fine stock. Cash to accompany order.

O. L. BAIRD, - - - Dixon, Ill.

Wholesale Cut Flower Prices.

Philadelphia, June 15.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.50 to 2.00
" No. 1	1.00
" Shorts	.75
Queen of Edgely, Specials	1.50 to 2.00
" " Medium	.75 to 1.00
	Per 100
Bride and Bridesmaid, Specials	4.00 to 6.00
" " Extra	2.00 to 3.00
Golden Gate, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Liberty, Firsts	8.00 to 12.00
" Seconds	3.00 to 5.00
Meteor	2.00 to 4.00
Perle	2.00 to 4.00
Sunrise	2.00 to 4.00
Orchids	50.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancy	2.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00
" Sprays	35.00
Gladiolus	3.00 to 5.00
Lilium Longiflorum	5.00 to 6.00
Lily of the Valley	2.00 to 5.00
Peonies	2.00 to 5.00
Smilax	15.00 to 20.00
Sweet Peas	.40 to .50

QUICK RETURNS.

We find it only takes a short time to get returns from advertising in your valuable paper. We have more orders than we can fill.—C. B. FLICK FLORAL Co., Fort Wayne, Ind.

"THE more we advertise in the REVIEW the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—WM. BIERSTADT & SON, Springfield, Ill.

Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.

C. F. EDGAR & CO.

WHOLESALE FLORISTS
1516-18 Sansom St., Phila.
Roses, Carnations and Greens.
Mention The Review when you write.

EDWARD REID,

WHOLESALE FLORIST.
Everything Seasonable in CUT FLOWERS
1526 Ranstead St., PHILADELPHIA.
Store closes at 8:00 p. m. Long Distance Phone.
Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,
Carnations, Roses, Sweet Peas.
1432 South Penn Square, Philadelphia.
Mention The Review when you write.

Pandanus Veitchii,
12-inch pots, $6.00 each.
JOHN WELSH YOUNG,
Upsal Station, Penna. R. R.
GERMANTOWN, PHILADELPHIA.
Mention The Review when you write.

ROSES

High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
Mention The Review when you write.

ORCHIDS.

Arrived in **perfect** condition—Cattleya Mossiae, C. Labiata, C. Trianae, Laelia Crispa, L. Anceps, Oncidium Varicosum Rogersii, O. Crispum, and many more. Write for prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.
Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

FANCY ROSES AND FANCY CARNATIONS

Pittsburg Cut Flower Co., Ltd.,

504 LIBERTY AVE.,
PITTSBURG, Pa.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. **57 W. 28th Street, NEW YORK.**
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
Mention The Review when you write.

The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, June 13.

		Per 100
Beauties,	Specials	$ 6.00 to $10.00
"	Extra	4.00 to 5.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Meteor		1.00 to 3.00
Orchids, Cattleyas		30.00 to 40.00
Carnations, Common		.15 to .25
"	Selects	.25 to .50
"	Fancies	.50 to .75
"	Novelties	.75 to 1.00
Adiantum Cuneatum		.35 to .50
"	Croweanum	1.25
Asparagus Plumosus, strings		25.00 to 50.00
Callas		3.00 to 5.00
Daisies		1.00 to 2.00
Gladioli		8.00 to 12.00
Lilium Auratum		2.00 to 4.00
Lily of the Valley		1.00 to 3.00
Peonies		.50 to 4.00
Smilax		6.00 to 12.00

GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. New York
Mention The Review when you write.

For SOUTHERN WILD SMILAX
(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
Caldwell The Woodsman Co., Evergreen, Ala.
or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.
Mention The Review when you write.

CHRYSANTHEMUMS ROOTED CUTTINGS
Col. Appleton, Glory Pacific, Polly Rose, Bonnaffon, Jerome Jones, W. Yellow Monarch, White Ivory. $1.25 per 100; $10.00 per 1000.
Cash with order.
H. STAHLHUT, N. E. Cor. New Lots Rd. & Sheperd Av., Brooklyn, N Y.
Mention The Review when you write.

Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
Mention The Review when you write.

REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
Mention The Review when you write.

National Florists' Board of Trade
NEW MANAGEMENT. Tel. Call, 655 John.
HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

Mention The Review when you write.

ESTABLISHED 1872.

JOHN J. PERKINS

WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

Mention The Review when you write.

ALEX. J. GUTTMAN,

Wholesale Florist.

Shipments daily all over the country.

Correspondence Suggested.

52 West 29th St., - NEW YORK.

Tel. 1664-1665 Madison Sq.

Mention The Review when you write.

FRANK MILLANG,

CUT FLOWER EXCHANGE.

Coogan Building, 55-57 West 26th St. NEW YORK CITY.

Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Mention The Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

113 W. 30th St., NEW YORK CITY.
Tel. 854 Madison Sq.,

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Mention The Review when you write.

N. LECAKES & CO.

45 West 28th St., NEW YORK



Tel. No. 1314 Madison Sq. and 53 W. 28th St.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.



—SPECIALTIES—

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Pittsburg, June 15.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1.	8.00 to 10.00
" Shorts	5.00
Brides and Maids, Specials	6.00
" " " Extra	4.00 to 5.00
" " " No. 1	2.00 to 3.00
" " " No. 2	1.00
Cusin	1.00 to 5.00
Kaiserin	2.00 to 10.00
Liberty	4.00 to 12.00
Carnations, Common	.50 to .75
" Selects	1.00 to 1.25
" Fancies	1.50 to 2.00
" Novelties	3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, "	2.00 to 3.00
Callas	5.00 to 8.00
Daisies	.50 to 1.00
Gladiolus	6.00 to 12.00
Lilium Longiflorum	6.00 to 10.00
Lily of the Valley	3.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.25 to 1.00

Buffalo, June 15.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 5.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Cusin	2.00 to 5.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 5.00
Perle	3.00 to 6.00
Sunrise	2.00 to 4.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
" Novelties	3.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Callas	5.00 to 8.00
Lilium Longiflorum	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 2.00
Peonies	2.00 to 5.00
Smilax	15.00
Sweet Peas	.30 to .75

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Mention The Review when you write.

FORD BROS.

111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

☞ A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

CUT ROSES Direct

from the GROWER—No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

Mention The Review when you write.

Lily of the Valley

of good quality always on hand.

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO.

Mention The Review when you write.

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Fancy or Dagger Ferns, 75c per 1000



Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Southern Smilax, $6.00 per case 50 lbs. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. FLOWERING LAUREL in its season; can ship large or small lots. 50c for a nice bunch with lovely pink blossoms.

Just what you want for your June Decorations.

CROWL FERN CO., -- MILLINGTON, MASS.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Chicago, June 15.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" Shorts, per 100	$4.00 to 6.00
	Per 100
Bridesmaids, Specials	$5.00 to $ 6.00
" Firsts	2.00 to 4.00
Brides, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Liberty, Specials	8.00 to 10.00
" Firsts	4.00 to 6.00
Golden Gate, Firsts	5.00 to 6.00
" Seconds	2.00 to 4.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	5.00 to 6.00
" Seconds	2.00 to 4.00
Mme. Chatenay, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Ivory, Firsts	5.00 to 6.00
" Seconds	2.00 to 4.00
Perles, Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Carnot	5.00 to 8.00
La France	5.00 to 8.00
Kaiserin	5.00 to 8.00
Carnations, Fancy	2.00
" Common	1.00 to 1.50
Peonies, per doz.	.35 to .50
Gladiolus, per doz.	1.00
Mignonette, doz.	.35 to .50
Sweet Peas	.50 to .75
Easter lilies, $1.00 to $1.50 per doz.	
Callas, $1.00 to $1.25 per doz.	
Valley	1.00 to 4.00
Asparagus strings	40.00 to 50.00
" sprays, per bunch	.35 to .50
" Sprengeri	3.00 to 6.00
Smilax, per dozen	2.00
Galax, per 1000	1.25
Ferns, per 1000	2.00

WHO SAID SO, INDEED!

Ed. Review:—Please discontinue my Smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the Review don't pay? It could only be the one who never tried them.

Harvey B. Snow.

Camden, N. Y., April 14, 1904.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

PERCY JONES
Wholesale Cut Flowers,
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO
Mention The Review when you write.

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Chas. W. McKellar,
WHOLESALE COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
CORRESPONDENCE INVITED FROM GROWERS HAVING Specialties in Cut Flowers.
Mention The Review when you write.

To Cut Flower Growers:
Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.
CALL ON OR ADDRESS PERCY JONES, Manager.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

FRANK GARLAND,
Wholesale Grower of....Cut Flowers.
Special attention given to Hardy Cut FERNS.
51 Wabash Avenue, CHICAGO, ILL.
Room 218. Telephone Central 3284.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

SUMMER BEAUTIES

The Finest in the City.

SWEET PEAS AND OTHER OUTDOOR FLOWERS.

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

Mention Review when you write. Send for Weekly Price List.

Wholesale Cut Flower Prices.

Milwaukee, June 15.

		Per 100
Beauties, Specials		$25.00
" Extra	15.00 to	18.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Bride and Bridesmaid, Specials		6.00
" " Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	8.00
Liberty	4.00 to	8.00
Meteors	4.00 to	6.00
Perle	2.00 to	6.00
Sunrise	4.00 to	6.00
Carnations, Common		1.00
" Fancies		1.50
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Callas		10.00
Daisies		.50
Lilium Longiflorum	10.00 to	12.50
Lily of the Valley	2.00 to	3.00
Mignonette, fancy		2.00
Smilax		18.00

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, June 15.

		Per doz.
Beauties, Specials	$2.50 to	$3.00
" Extra	1.50 to	2.00
" No. 1	.75 to	1.00
" Shorts		.60
		Per 100
Brides and Maids, Specials	$6.00 to	$8.00
" " Extra	5.00 to	6.00
" " No. 1	3.00 to	4.00
Carnot	5.00 to	8.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	6.00
Liberty	3.00 to	5.00
Meteor	3.00 to	5.00
Perle	3.00 to	4.00
Carnations, Common	.75 to	1.00
" Selects	1.50 to	2.00
" Fancies	2.50 to	3.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Callas	6.00 to	8.00
Daisies	.25 to	.50
Gladiolus	3.00 to	4.00
Lilium Candidum	8.00 to	10.00
" Longiflorum	8.00 to	10.00
Lily of the Valley	3.00 to	4.00
Peonies	3.00 to	4.00
Smilax	15.00 to	18.00

Cincinnati, June 15.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	20.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		5.00
" " Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Ousin	2.00 to	4.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	8.00
Meteor	2.00 to	5.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common	1.00	
" Selects	1.50 to	2.00
" Fancies	3.00 to	4.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings	50.00 to	60.00
" " sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	6.00 to	10.00
Lilium Longiflorum	8.00 to	10.00
Lily of the Valley	3.00 to	4.00
Peonies	4.00 to	5.00
Smilax	12.50 to	15.00

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Wholesale Grower of CUT FLOWERS,

128 East 3rd St., CINCINNATI, OHIO,

Solicits your orders with confidence that he can serve you to your entire satisfaction.

CURRENT PRICE LIST

AMERICAN BEAUTIES,		BRIDES—Selects	per 100, $4.00
36-inch	per doz., $3.00	" Medium	" 3.00
24-inch	" 2.00	" Seconds	" 2.00
12-inch	" 1.00	MAIDS—Selects	" 4.00
Shorts	per 100, 2.50	" Medium	" 3.00
PEONIES, all colors, $4 to $6 per 100.		" Seconds	" 2.00

SWEET PEAS.....per 100, 25c.

Greenhouses, New Castle, Ind. (formerly Reinberg & Weiland) 100,000 ft. of glass.

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GROWER AND COMMISSION DEALER IN

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Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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YOUNG & NUGENT, 42 WEST 28TH STREET, Tel. 2065 Madison Square. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited.
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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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OUR MOTTO—"THE GOLDEN RULE."

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New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

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AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

Fancy Baskets Are having a great run with us this Season.

Do not miss a good sale by not having some pretty Ideas in Baskets to show your Customers.
If your stock is small order quickly. June is the month when many are needed.

Send for the Catalogue of the Largest Florists' Supply House in America.

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THE SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO.

Piersoni Fern, 2½-inch.....per 100, $6.00
Asparagus Plumosus Nanus, 2½-inch, " 3.00
per 1000, $25.00; 4-inch..... " 8.00
Strobilanthes Dyerianus, 2½-inch .... " 2.00
Honeysuckles, Golden Leaved, Chinese Evergreen and Halliana, 2½-inch.....per 100, $2 00
Mexican Primrose, 2½-inch..... " 2.00
Lantanas, 5 sorts, 2½-inch ..... " 2.00
Begonias, assorted, 2½-inch ..... " 2 00
Oleander, 2½-inch, double white and double pink ..... " 2.50
Heliotrope, Florence Nightengale, 2½-inch ..... " 2.00
Violets, Princess of Wales, California, Swanley White and Lady Hume Campbell, 2½-inch, per 100, $2.00; per 1000, $18.00.
Achillea, The Pearl, 2½-inch, per 100, $2 00; per 1000, $18 00.
Hydrangea Monstrosa, 2½-inch, per 100, $3.00; per 1000, $25.00.
Carnations, assorted, 2½-inch .....per 100, $2.00
Geraniums, Jean Viaud, John Doyle, La Favorite, Beaute Poitevine, per 100, $2.50; per 1000, $20 00; our selection of varieties in assorted kinds, per 100, $2 00; per 1000, $18.00.
Cannas, Austria, strong plants from 2½-inch pots, per 100, $3.00; per 1000, $25.00.
Fuchsias, 2½-inch, double white and double purple and assorted single varieties, per 100, $2.00.
Abutilons, Souv. de Bonn, Eclipse, Golden Bell and Infanta Eulalia, 2½-inch, per 100, $2.00.
Rudbeckia (Golden Glow), 2½-inch, per 100, $2 00.
Chrysanthemums, 2½-inch, assorted varieties, per 100, $2.00; per 1000, $18.00.
Roses, Marechal Niel, The Bride, Ball of Snow, 2½-inch, per 100, $2 50; per 1000, $20.00.
Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snowflake, 2½-inch, per 100, $2.00; per 1000, $18.00.
Ball of Snow, strong plants from 4-inch pots, per 100, $7.00.

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STERLING, ILL.—Robert Lundstrom's team ran away three times last week and the third time Lewis Gould, the driver, was injured by being thrown out, with two other occupants of the wagon.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.
Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.
Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.
Green Moss, $1.00 per bbl.
Sphagnum Moss, 50c per bag; $1.00 per bbl.
Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

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11 Province St., BOSTON, MASS.

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Boston Ferns.

Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns.

2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000.

Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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A GREAT OFFER!

In Boston Ferns, 2 and 3½-inch, fine plants for growing on at $3.75 per 100; $35.00 per 1000.
PALMS—Kentia Belmoreana and Forsteriana, 3-inch pots, cool grown, with 5 to 6 leaves and dwarf, $12.00 per 100.
COLEUS—Golden Bedder and Verchaffeltii and 10 other varieties, 2 inch pots, $2.00 per 100; $18.00 per 1000.
ASTERS—In all varieties and mixed transplanted, 60c per 100; $5.00 per 1000.

CONVERSE GREENHOUSES, Webster, Mass.

ROCHESTER, N. Y.—John Fay Kennell is now to be addressed care rural free delivery from Chili Center, N. Y.

NEOSHO, MO.—J. S. Angel is putting up two greenhouses, one for lettuce and pieplant, the other for carnations. Trade has been very good this season.

LEXINGTON, KY.—Honaker has begun the erection of two large rose houses, 28x180 feet. He is also building an asparagus house 20x75, fifteen feet to the ridge.

PORT ALLEGANY, PA.—J. C. Galloway is retiring from the management of the Port Allegany Greenhouses to go into business as the Eden Nurseries. He is building two houses 25x100 for wholesale trade.

INDIANAPOLIS.

Decoration day was very busy with all the florists here and most of them say it was the heaviest in the history of the trade. Much trade came to the florists on account of the shortage in outdoor flowers. There were very few peonies and most of those were the small early red. Field daisies were not in by at least ten days. Decoration day coming on Monday, many people took flowers to the cemeteries on Sunday, thus giving the florists three days to supply the demand. Fortunately there were large quantities of carnations and sweet peas, and what bouquets were not made of carnations and sweet peas and feverfew were made of feverfew, sweet peas and carnations.

The spring bedding season was also one of the best on record. Prices were higher and everybody sold out early. Late orders had a hard time finding good stock.

This second week in June the town is flooded with peonies and they can be bought for a song or less. Carnations are shortening up considerably, while roses are coming small and mildewed.

At the meeting of the State Florists' Association John Hartje read a very intereting paper on hybrid roses. One new member was elected, Leo Rickenbach. A committee was appointed to arrange for a picnic next month, date to be announced later. A. B.

MADISON, N. J.

A press telegram reports that the leading industry of this place, rose growing, is threatened with destruction by the advent of an insect which, it is said, ruins the buds. The bug was first noticed about three weeks ago. It attacks the petals of the roses, which soon shrivel and become unfit for market. So far, no means have been found to exterminate the pest, though many experiments are being tried. L. M. Noe, the largest grower in the neighborhood, has discovered that the daisies and clover blossoms in the field adjoining his rosehouses are alive with the insects, and he believes that they reach the houses through the ventilators. The insects are small, and when disturbed jump like a flea. There are sixty-three growers in Madison employing more than 400 men.

NIAGARA FALLS, N. Y.—Peter Loretto, of Buffalo, has opened a flower store at 8 W. Falls street.

PACIFIC COAST.

PASADENA, CAL.—W. J. Hesser, formerly of Platsmouth, Neb., is now in charge of a private establishment here.

THREE THOUSAND dollars has been appropriated to the University of California, Department of Agriculture, by the Southern California Walnut Growers' Association. This sum is to be expended in studying the walnut blight, a disease which threatens serious damage to the walnut industry of California. The work will be under the direction of Plant Pathologist Ralph E. Smith, who has had charge of the asparagus rust investigations by the University of California. The work to be done by Prof. Smith will mean considerable addition to the provision for laboratory work at Berkeley. It is possible also that a temporary depot will be established in southern California for the study of the disease in its immediate vicinity.

ANNUALS.

Annuals had a very fair sale this spring. Pansies are the best selling spring plants we handle. They retail here at 50 cents per dozen and the season for planting them begins early in March and extends through April and the first part of May. The Bugnot and Cassier strains are grown in California in large quantities and are the best sellers. Several years ago we grew great quantities of the Trimardeau sorts but the public has been educated up to asking for the rich bronze and golden shades and, although the flowers are not quite as large or the plants as thrifty growers, they sell much better. We plant the seeds about the end of July and transplant into the open field in October. In this way there is no difficulty to get plenty of big showy flowers as soon as the frosty weather is gone. Pansies thrive best in heavy soil well worked up with rotted manure and thoroughly drained. If they do not receive a check in handling they are one of the easiest as well as one of the most profitable articles that can be grown.

Asters sold well this spring and we are confining ourselves almost entirely to Semple's branching varieties. They succeed well here and have entirely taken the place of the older sorts. In some localities last season the aster borer did considerable damage but it has not made its appearance in this neighborhood this season as far as I am aware. The smaller dealers grew large quantities for the retail trade. We handle them entirely in flats transplanted about 100 to a box.

Golden coreopsis is another article that is in good demand and sells at about 50 cents per dozen plants. Stocks are grown in the same way and have a steady demand. Bachelor's buttons, marigolds and cosmos are handled in enormous quantities around our larger cities and sell at about the same price as the others I have mentioned.

In bedding plants I do not think the demand was as good as we have had in former seasons. There are really only a few large private places in this locality that use such material in large quantities and outside of the public parks it is seldom seen. The taste of Californians does not seem to be in the line of carpet bedding and although at one time we had a good demand for achyranthes, feverfew, lobelias, salvias, coleus and other stock of that nature, we have outgrown that idea and roses and palms take their places. Californians are too fond of planting trees and shrubs that will thrive a lifetime to go to the trouble of planting soft-wooded stuff every spring. Flowers grow so easily here that we consider many things too common to give garden room to and scarlet geraniums, callas and marguerites have many years since been relegated to the back yard, along with the chickens and the dog house. G.

SAN FRANCISCO.

The Market.

We have had a fair supply of June weddings, and, although there is nothing to brag of in a business way, there is much less in the line of flowers. I have not seen a dozen good Beauties for the past two weeks and the less said of other varieties of roses the better. Carnations are short in stem and poor in flower. We have had considerable hot weather and its effect has been shown in the quality of flowers. Sweet peas are plentiful and good and are about the best selling item the retailers have at present. Other outdoor flowers are plentiful and help very much to make window displays. June trade is ahead of last season at the same period according to what the majority of the retailers say. This is encouraging as June is usually one of our most quiet months. Valley is plentiful and Harrisii and longiflorums are being offered in fair quantities.

Notes.

The demurrer to the complaint in the suit brought by Frank Shibeley against the Board of Public Works of San Francisco to prevent the issuance of flower permits to street venders was admitted to be good by the attorneys in Judge Sloss' court this week and they were allowed three additional days to file an additional complaint. The argument on the question of whether an injunction should be issued was set for next Friday. The application for an injunction is opposed by the attorneys for the Merchants' Association, this body desiring that the flower market ordinance be put in force and the venders allowed to sell flowers at the places designated in the ordinance. G.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

SHORTIA GALACIFOLIA is fully justifying the high estimate that was formed of it when first introduced to cultivation a few years since. G. Reuthe, Keston, who contributed a score or so of splendidly-flowered plants to the Drill Hall meeting, states that it is of the easiest culture, both in pots and on the rockery, and regards it as one of the most valuable of the rock plants that have been introduced to the garden in recent times.

WHETHER THE VARIETIES of chrysanthemums introduced in the near future will be an improvement upon the present standard rests entirely in the hands of those who are charged with the adjudication of new varieties. Were greater stringency imposed, even, than now is the case, in granting certificates, an improved type of flower would be the result. Raisers of new varieties, who are seldom the cultivators, need have no uneasiness about the disposal of sterling varieties, because an exhibitor knows quite well in these days of keen competition the value of a flower that is really an advance upon older varieties of a similar type.

THE IMPORTATION of cut flowers into the British Isles continues to show a decrease, probably due more to the large quantities which British growers are putting on the market than to any decrease in the practice of using flowers for decorations, etc. The value of flowers imported during March were as follows: In 1904, £47,260; in 1903, £56,580; in 1902, £62,454.

SIOUX FALLS, S. D.—J. C. Thompson is starting a plant here with about 8,000 feet of glass. He expects to have about 75,000 gladioli to dispose of this fall, also dahlias and caladiums.

TRUE
ASPARAGUS
Plumosus Nanus
2-inch, $3.00 per 100; $25.00 per 1000. Express prepaid.
NEW CROP PANSY SEED—$4.00 per oz.; ¼-oz. at 1 oz. rate.

100,000
Calla Bulbs
WRITE FOR PRICES.

California Carnation Company,
LOOMIS, CAL.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.

Burbank's Shasta Daisy Seed
New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.
LOOMIS, CAL.

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CHRYSANTHEMUMS.

BONNAFFON, MAUD DEAN, IVORY, $2.25 per 100, out of 2¼-inch pots; $1.50 per 100 for rooted cuttings.

FUCHSIAS, out of 2¼-inch pots, $3.00 per 100.

A. D. MONTGOMERY, Hazleton, Pa.

Mention The Review when you write.

Planting Roses

All kinds of Teas. Just what you want. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, Golden Gates, Liberty, Beauties, Carnots, and few Meteors. Stock A1. Prices right. Send right along to

GEO. A. KUHL, Pekin, Ill.

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10,000 Boston Ferns

For Sale. See Classified Adv. for prices.

Cation Greenhouse Co.

1101 Fifth Avenue, PEORIA, ILL.

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Begonia Gloire de Lorraine.

Nice 2-inch stock, $12.00 per 100.
3-inch stock, fine specimen, 35.00 "

A. JABLONSKY,
Wellston, — ST. LOUIS, MO.

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BOUVARDIAS.

BOUVARDIAS—Red, white, pink. Good, strong plants out of 2½-inch pots, $4.00 per 100.

John Holt, North Wales, Pa.

Mention The Review when you write.

ASPARAGUS Plumosus Nanus Seed

AND SEEDLINGS

$3.50 per 1000. Larger quantities less. Guaranteed true to name and of highest germinating quality.

SEEDLINGS—Ready for potting. $12.00 per 1000. Express prepaid.

Drake Point Greenhouses, Yalaha, Florida.

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EXTRA CHOICE KAISERIN ROSES

for summer blooming, 4-inch, $4.00 per 100.

VIOLETS from 2-inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1,000. Imperial, the best dark, $25.00 per 1,000.

CRABB & HUNTER
GRAND RAPIDS, MICHIGAN

Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50	per 100;	$35.00	per 1000
Brides	5.00	"	40.00	"
Bridesmaids	5.00	"	40.00	"
Mme. Chatenay	6.00	"	55.00	"

Above prices are cash with order.

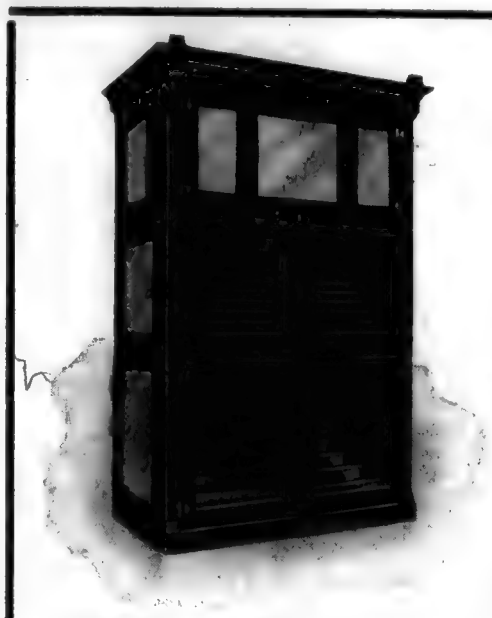
JOHN BROD, - Niles Center, Ill.

PETUNIAS.

Double fringed; six distinct varieties from 2½-in. pots, labeled, $2.00 per 100; $18.00 per 1000.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

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75 in. wide. 36 in. deep. 105 in. high.

Special Designs BUILT TO ORDER

Also we have stock sizes of very neat design ready for prompt shipment.

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Known Everywhere for Superiority.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass. The positive circulation of pure cold air within keeps the flowers in perfect condition.

Economical in the Use of Ice. Scientifically Constructed.

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For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the **McCRAY** is Guaranteed Absolutely Satisfactory.

THOUSANDS TESTIFY TO ITS MERITS.

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373 Mill St., KENDALLVILLE, IND.

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25,000 CHRYSANTHEMUMS

FOR JUNE AND JULY PLANTING.

Not Remnants of Spring Stock, but nice young plants grown especially for this purpose and in varieties sure to produce fine blooms. : : : :

COL. D. APPLETON	MAUD DEAN
POLLY ROSE	GLORY OF PACIFIC
OPAH	TIMOTHY EATON
IVORY	LILY MOUNTFORD
MINNIE BAILEY	W. H. CHADWICK
PINK IVORY	GOLDEN WEDDING
WHITE BONNAFFON	CONVENTION HALL
MRS. H. WEEKS	MAJOR BONNAFFON

and many other varieties too numerous to mention, at $3.00 per 100; $25.00 per 1000. Not less than 250 plants and 25 of a kind at 1000 rate.

WE ALSO HAVE

500 WM. DUCKHAM **500 DR. ENGUEHARD**

These we would be pleased to supply at $20.00 per 100.

Nathan Smith & Son, Adrian, Mich.

THE BEST ROSES

Come from cool-grown stock plants

Kaiserins, 3-inch, $5.00 per 100. **Maids,** 3-inch, $5.00 per 100. **Brides,** 3-inch, $5.00 per 100. **Liberty,** 3-inch, $8.00 per 100. **Sunrise,** 3-inch, $8.00 per 100. **Perles,** 3-inch, $8.00 per 100. All clean, young stock ready for planting. Cash or reference with order please.

CHARLES E. MEEHAN, Slocum and Musgrove Sts., GERMANTOWN, Philadelphia, PA.

BEAUTIES - Fine --

2½-inch ..... $5.00 per 100.
3-inch ..... 8.00 "

Perles, Maids, Brides, Ivory and Gates, choice stock, 2½-inch, $3.00 per 100; $25.00 per 1000 (except Perles). Extra fine 3-inch stock of Perles, Brides, Gates and Ivory. $6.00 per 100 for Perles; $5.00 per 100 for Brides, Gates and Ivory.

VINCAS, 3-inch, $5.00 per 100; 2½-inch, $3.00 per 100.

BOSTON FERNS, 2½-inch, $3.50; 3-inch, $8.00; 4-inch, $12.00; 6-inch, $40.00 per 100.

W. H. GULLETT & SONS, -- -- LINCOLN, ILL.

ROSE PLANTS

	Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00
50,000 Brides, 2½-inch pots	3.00	25.00
25,000 Brides, 3½-inch pots	4.50	35.00
50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Bridesmaids, 3½-inch pots	4.50	35.00
10,000 Liberty, 2½-inch pots	5.00	40.00
5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

TWO-YEAR OLD PLANTS FROM BENCHES.

American Beauty.....$6.00 per 100; $50.00 per 1000. Brides, (Grafted Stock)....$6.00 per 100; $50.00 per 1000.
Bridesmaid, (Grafted Stock).....$6.00 per 100; $50.00 per 1000.

WRITE FOR SPECIAL DISCOUNTS ON LARGE LOTS.

The Benthey-Coatsworth Co., 35 Randolph Street, Chicago

BUFFALO.

Various Notes.

While we hear reports of intense heat from many cities east and west, we locals have been enjoying the most perfect weather, just warm enough so that the open cars are a delight and sleeping alone is preferred to two in a bed. The soft breeze that quietly skims over the 300 miles of Lake Erie and cools and tempers our city nowadays makes us forget the zero zephyrs of last March and there are now days and days that convince you that after all, prince, pauper, florist or preacher, it is really good to exist.

Plantsmen all report a good season and still busy. The season of planting began late and many big jobs will be filled at the middle of June. This must seem strange to those who keep house in localities that fear no frost after May 1. I don't know of any novelty in the flower gardening line except that there is rather a better taste shown in garden decoration. Hardy perennials, grasses, flowering shrubs and tropical plants have been more the feature. H. Keitsch & Son have been displaying a grand lot of peonies of late. They are blest with the richest of soil and Charlie attends to things.

We were to have had a meeting of the committee appointed to draw up a premium list for the H. A. Meldrum show, but a majority was not present. Yet I am privileged to say that the H. A. Meldrum Co. will give the usual $1,000 and the Sweeney Co. want us to arrange a spring show with a $5,000 attachment. Charlie Keitsch can manage both these affairs and lots more.

W. S.

"Am very much pleased with the results of the advertisement; at present have no stock to offer."—Wm. A. Finger, Hicksville, L. I., N. Y.

The Review is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSweeney.

I go to the Review, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. Galloway, Eaton, O.

ROSE PLANTS

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Am. Beauty	5.00	45.00
Bridesmaids	3.00	25.00
Brides	3.00	25.00
Perle	3.00	25.00
Golden Gate	3.00	25.00
Ivory	3.00	25.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

AMERICAN BEAUTY.
2-year-old plants from benches, $8.00 per 100; $25.00 per 1000.

GEORGE REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

10,000 Brides and Maids

A1 stock, ready for planting. Own roots, 3-inch, ready for shift, $60.00 per 1000; 4-inch, $100.00 per 1000.

Grafted Stock.

3-inch Maids, $15.00 per 100; 4-inch Brides and Maids, $20.00 per 100.

Pittsburgh Rose and Carnation Co.
CRYSTAL FARM,
GIBSONIA P. O., PA.

Mention The Review when you write.

ROSES

3000 Bridesmaid Roses

From 3½-inch and 4-inch pots.
Extra fine. For sale—$4.50 per 100; $40.00 per 1000.

E. T. GRAVE, RICHMOND, IND.
(WHOLESALE GROWER CARNATIONS and ROSES.)

Mention The Review when you write.

ROSE PLANTS

Strong Stock from 2½ in. pots.

UNCLE JOHN

The finest pink rose yet introduced beautiful color, free bloomer, best money maker.
$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$5.00	$40.00
Sunrise	5.00	40.00
Am. Beauty, 3-inch	6.00	50.00
Kaiserin	2.50	20.00
Liberty	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Perle	2.50	20.00
Ivory	2.50	20.00
Golden Gate	2.50	20.00

2-YEAR-OLD PLANTS

From Benches

AMERICAN BEAUTY,
$6.00 per 100; $50.00 per 1000.

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

KAISERIN, PERLE, $3.00 per 100. 2½-inch.
BRIDES, MAIDS, $2.50 per 100. 2½-inch.

J. C. MURRAY, Peoria, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Bassett & Washburn's Annual Clearing Sale of Choice Rose Plants

2000 AMERICAN BEAUTIES, 2½-inch pots	per 1000,	$40.00
5000 CHATENAY, 3-inch pots	"	50.00
4000 BRIDES, 2-inch pots	"	25.00
4000 MAIDS, 2-inch pots	"	20.00
12000 AMERICAN BEAUTY PLANTS from benches	"	25.00
12000 MAIDS AND BRIDES, GRAFTED PLANTS from benches $25.00 per 1000.		

ALL PLANTS SHIPPED FROM HINSDALE AND GUARANTEED CHOICE CLEAN STOCK, WELL GROWN.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Mention The Review when you write.

La France.

Fancy stock, large plants, 2¼-inch pots, $3.00 per 100. 3-inch pots, extra fine, $4.50 per 100.

K. A. Victoria.

Extra strong. 2¼-inch pots, $3.00 per 100. 3-inch pots, $5.00 per 100.

American Beauties.

From benches, stocky, and in fine condition. $5.00 per 100; $45.00 per 1000.

HONAKER, THE FLORIST
LEXINGTON, KY.

Mention The Review when you write.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA.
S. S. SKIDELSKY, 824 N. 24th St., PHILADELPHIA

Mention The Review when you write.

ROSE PLANTS FROM 2-INCH POTS

MAIDS and BRIDES, PRICE TO CLEAN OUT $20.00 per 1000

This is a cheap price but not cheap stock; it is first-class in every respect.

METEOR from 2½-inch pots, STRICTLY FIRST-CLASS, $15 per thousand.

American Beauty Bushes

One year old, from benches, fine plants : : : $4.00 per 100

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

Roses

American Beauties. We have extra fancy 3-inch, 2½x3, and 2x2½. Let us know your wants, quantity you can use, and we will hold them for shipment to your order. Write GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Belmoral Ave., CHICAGO.

Mention The Review when you write.

GUARANTEED FERTILIZERS

We sell and carry in stock only the best grades of Fertilizers, cheerfully mailing samples and giving guaranteed analysis.

HUNT'S PURE BONE MEAL FOR GREENHOUSES. Our regular brand that has given universal satisfaction. It has no superior; is pure bone, guaranteed free from acids and is sold at as low a price as many inferior brands which cannot be used with safety in greenhouse culture. 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1000 lbs., $15.00; 2000 lbs., (ton) $27.50.

PURE BONE MEAL SIFTED. This is our regular brand of bone meal except that it has been put through sieves, making the grade absolutely uniform. 11 per cent of this is immediately available and soluble in water. 100 lbs., $2.25; 200 lbs., $4.00; 500 lbs., $9.00; 1000 lbs., $16.50; 2000 lbs., (ton) $30.00.

PURE BONE FLOUR. This is our regular brand bone meal ground to a fine flower, 17 per cent being immediately soluble in water and available. Just the thing to use for quick action. 100 lbs., $2.50; 200 lbs., $4.50; 500 lbs., $10.00; 1000 lbs., $17.50; 2000 lbs., (ton) $32.50.

PURE PULVERIZED SHEEP MANURE. One of the most effective fertilizers and used largely by the most prominent growers. Our brand is guaranteed free from foreign substances, seeds and guaranteed pure. Analysis and samples cheerfully sent on request. 100 lbs., $1.50; 500 lbs., $5.00; 2000 lbs., (ton) $16.50.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

OMAHA.

The following extract is from the Bee, of June 5:

A. Donaghue, Sr., the pioneer florist of Omaha, now located at No. 5425 North Twenty-fourth street, engaged in the gardening business in Omaha in 1866. This he continued up to 1870, when he established his floral business and greenhouses at the corner of Sixteenth and Douglas streets, where the Boston store now stands. "I sold this property in 1890," he said, "and removed to my present location. There were one or two other florists here when I first went in the business, but they have long since been gathered to their fathers. My business has kept pace with the city's growth, and I still adhere as I did thirty-four years and more ago, to the belief that Omaha is to be one of the greatest cities of the west."

SWARTHMORE, PA.—John Wild, formerly at the Swarthmore Greenhouses, is now located at Grand Haven, Mich.

MANHEIM, PA.—Hostetter Bros. lost 16,000 panes of glass in the big hail storm which passed over this place June 3.

PLEASE discontinue my smilax adv.; plants all sold and orders still rolling in, some even from Canada. Talk about Record "want" advs., they are not in it with the REVIEW.—J. E. YEATS, Champaign, Ill.

WELLFLEET, MASS.—C. P. Marsh started in the plant business two years ago, with some sashes and a hotbed. He has found the trade profitable right along and steadily increasing, so last winter he built a greenhouse.

CHRYSANTHEMUMS

From 2½-inch pots, $2.00 per 100; $18.00 per 1000, Bonnaffon, White Bonnaffon, Ivory, Pacific, Bergmann, Adele, Bride, Wanamaker, Halliday, Appleton, McKinley, Alice Byron and White Pompon. Extra fine strong plants. Rooted cuttings of same varieties 75c per 100.

HYDRANGEA.

Otaksa, pink and blue, strong rooted cuttings, 75c per 100; 4-inch pots, 6c; 6-inch pots, 10c; 8-inch pots, 20c. Very good plants for growing on.

GENISTA.

4-inch pots, large flowering, 6c each.

STEVIA.

3-inch pots, 3c each. Rooted cuttings 75c per 100. Must be sold previous to removal.

Make me an offer for large quantities.

A. A. J. La ROCHE, Collingdale, Pa.

Mention The Review when you write

Always mention the Florists' Review when writing advertisers.

Greenhouse and Vegetable Plants

2¼-inch stock in A No. 1 condition. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, yellow, $2.00 per 100; $17.50 per 1000.		
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney	40c	$2.00
Asparagus Sprengeri, 2½-in	50c	3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Coleus, Crimson Verschaffeltii, Firebrand, Queen Victoria, Beckwith Gem, Eldorado, Mrs. Hunt, Mrs. Hayes, Fire Crest, etc., per 1000, $15.00	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.00

GERANIUMS.

$2.00 per 100; $20.00 per 1000. 1000 and over, our selection of 10 varieties, $17.50 per 1000.

Double—Centaure, Double Gen. Grant, Gen. de Boisdeffre, Jean Viaud, Miss Frances Perkins, Mme. Barney, Mme. Canovers, Mme. Charrotte, Mme. Jaulin, Mme. Landry, etc.

Single—Granville, L'Aube, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant, Wm. Ewing.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety, per 1000, $15.00	40c	$3.00
Lemon Verbena, per 1000, $20.00	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50	40c	2.00
Maranta Messangeana	75c	4.00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3.50
Smilax, per 1000, $15.00		$2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2¼-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

Vegetable Plants

On Cabbage, Tomato and Celery we are prepared to make special price on large lots.

CABBAGE—Early and Charleston Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

TOMATOES—Earliana, 40c per 100, $2.00 per 1000. Stone, Paragon Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—Boston Market, Dwarf Golden Heart, Giant Pascal, Pearl Le Grand, Pink and White Plume and Celeriac, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

KOHL-RABI and Brussels Sprouts, 25c per 100; $1.50 per 1000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

Send for trade price list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

Mention The Review when you write.

MIXED COLEUS. Golden Bedder, 2½-in. pots, $2.00 per 100.

Double Petunia, 2½-inch pots, $2.00 per 100.

English Ivy, 4-inch, very bushy, $7.00 per 100.

Geraniums, Jean Viaud, Beaute Poitevine, Dbl. Gen. Grant, S. A. Nutt, Buchner, Ricard, 3½, 4-inch pots, very bushy and all in bloom, $4.00 and $5.00 per 100. **Transplanted Tomatoes,** $2.00 per 1000. **Nasturtium,** 3-inch, $1.50 per 100. Cash with order please.

F. G. CHAPMAN, HEWLETT, L. I., N.Y.

Mention The Review when you write.

Specimen Ferns

We have in fine plants, Bostons at $1.50, $2.00, $2.50 and $3.00. Also Piersoni at $1.50, $2.00, $2.50, $3.50 to $5.00. Both in smaller sizes, 2½, 3, 4, 5, 6, 7, 8 and 10-inch. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

JOHN SCOTT,

Keap Street Greenhouses, Brooklyn, N. Y.

Headquarters for BOSTONS.

Fine "PIERSONI" in 2¼-inch pots, $4.00 per doz.; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-in. pans, $3.50 each; 10-in. pans, $5.00 each.

Mention The Review when you write.

4000 Fine, Strong Tomato Plants

10-12 inches, D. Champion and Beauty, $6.50 per 1000. Jersey Wakefield cabbage, $2.25 per 1000.

PEPPER—Ruby King, 40c per 100; $2.50 per 1000. Chinese Giant, $1.00 per 100.

PANSY PLANTS—$3.00 per 1000.

ALLEGHENY HOLLYHOCKS—Large plants, $2.00 per 100.

F. GRISWOLD, :: Worthington, O.

Mention The Review when you write.

Grand Combination Sale of PALMS



Consisting of **Kentias, Areca Lutescens, Latanias, Livistonas, Phoenix, Araucaria Excelsa, Dracaenas, Ficus, Nephrolepis Anna Foster, Bostoniensis and Piersoni.**

This stock is grown by reputable growers and is in excellent condition and will be offered at 11:30 a. m.,

June 21st, at 54 and 56 DEY STREET

WM. J. ELLIOTT, Auctioneer.

...FOR SALE...

HYDRANGEA OTAKSA

Choice pot grown plants from $20.00 to $70.00 per hundred.

Extra fine large Hydrangeas, in tubs, ranging in price from $2.00 to $4.00. These are just in prime condition for Lawn and Veranda decoration and will be found quick sellers.

2,000 Asparagus Sprengeri, strong stock, cool grown, from 4-inch pots ready for shift, $10.00 per hundred.

...WANTED...

10,000 Roses, Brides, Gates and Maids. 200 Dbl. Hollyhock plants.

Write at once, giving description, quoting lowest prices.

JOHN C. HATCHER, Amsterdam, N. Y.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

True Stock. Thrifty and well grown plants.

Seedlings from flats, ready for potting on, $12 per 1000; 250 at 1000 rate; $1.50 per 100.
For 3-in. pots, $5 per 100; $40 per 1000, field-grown.
For 4½-in. " $8 " $70 " " "
Send the cash along and we will pay the freight.

YALAHA CONSERVATORIES,
YALAHA, —— Lake Co., —— FLORIDA.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

YOU will find...
ALL the **BEST** offers
ALL the time in the Review's Classified Advs.

DRACAENA INDIVISA, 5-in., $3.00 per doz.

Latania Borbonica. We have a large stock and can ship perfect plants. 5-inch, 14–16 inches high, 4–6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16–18 inches high, 5–6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16–20 inches high, 7–8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

A Fine Assortment of 2-inch Ferns for fern dishes, at $3.00 per 100; $25.00 per 1000.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

Primroses

	Per 100.
Chinese, 2-inch pots	$2.00
Obconica Alba Rosea	2.00
Forbesi, all ready in July	2.00
1000 Smilax	1.25

Asparagus

	Per 100.
Plumosus Nanus seedlings	$1.75
" " 2-inch pot, July	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed $4.50 per 1000.	

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

SURPLUS STOCK

500	Alyssum, 2½-inch	per 100,	$2.00
1500	Red and 1000 Yellow Alternanthera, 2-inch,	per 100,	$2.00; per 1000, $18.00
300	Begonia Vernon, 2-inch,	per 100,	1.75
200	" " 3-inch,	"	3.00
1000	Smilax, 2-inch	"	1.50
	A lot of Asparagus plumosus clumps, 5, 6 and 7-inch	"	8.00

Will exchange some for 2-in. Swanley White Violets, Boston Ferns or small Rubbers.

VERN L. SCHLURAFF, Erie, Pa.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

AA SEEDS.

PRIMROSE IMPROVED CHINESE.

Finest grown, large flowering, fringed, single and double, 15 varieties, mixed. 500 seeds, $1.00; half pkt., 50c. Plants ready in July, $2.00 per 100.

CINERARIA—Finest large flowering dwarf, mixed, 100 seeds, 50c.

PANSY—Finest Giants, mixed, critically selected, 5,000 seeds, $1.00; half pkt., 50c.

☞ 500 seeds of Giant "Mme. Perret" added to every $1.00 pkt. of Giant Pansy seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP,

The Home of Primroses. SHIREMANSTOWN, PA.

Mention The Review when you write.

Over $65,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail. For particulars address John G. Esler, Sec'y., Saddle River, N. J.

Always mention the Florists' Review when writing advertisers.

WASHINGTON.

The Market.

There has been an improvement in business during the week, stock of all kinds having cleared out better than has been the case for some time. Quite a number of June weddings and commencements have taken place and this work has been evenly distributed over the city. Geo. Shaffer had one wedding in North Carolina. These affairs have used up quite large quantities of flowers. Good stuff at times seems to be a little scarce. Good roses have been in demand. There is plenty of second class stock around which can be worked in fairly well. Prices have been somewhat firmer but remain rather low. Sweet peas have been in large demand, white and pinks being mostly called for, the highest price about 50 cents per hundred. Valley has also sold very well at from $2 to $3 per hundred. Peonies are now very abundant and it is hard work to average 50 cents per dozen for them. They are handled on the streets by the fakirs. Good carnations find ready sale at fair prices.

Various Notes.

President and Mrs. Roosevelt entertained at an elaborate luncheon Friday afternoon for the members of the Filipino commission. The rooms of the lower part of the White House were decorated handsomely with plants and cut flowers, the work, under the direction of Geo. H. Brown, being done by the employes of the United States Propagating Gardens.

Planting in the public parks is progressing as rapidly as the weather will permit and but few of the beds remain yet to be planted. More cannas are being put out than before, quite a number of new varieties having been added to the list this year.

The Florists' Club held its regular meeting last Friday evening, President Gude presiding, and a large number of the craft were present. Considerable interest was manifested in the possibility of Washington securing the home and headquarters of the Society of American Florists. The florists of Washington, headed by Wm. F. Gude, are making an effort to enlist the interest of the business men of the city, which will include conferences with the Business Men's Association and the Washington Board of Trade.

Captain Ernest had the bowlers out again Wednesday night and some good scores were made, McLennan rolling 210. The following is the score:

Player.	1st	2d	3d
Shaffer	204	131	156
Cook	177	164	164
McLennan	210	197	139
Ernest	164	166	178
Barry	136	113	164
Lewis	127	146	144
McCauley	152	151	121
Young	125	125	131

H. B. L.

New Castle, Ind.—Wm. Gardner, who has been in charge of the packing room of the South Park Floral Co., has gone to Cincinnati to work for Peter Weiland's new wholesale house.

W. DUCKHAM

and all the Novelties in Chrysanthemums. See issue of March 24th for varieties and prices. Florists who are thinking of growing any of these sorts in quantity would do well to write us.

SEND FOR LIST.

CHAS. H. TOTTY, Madison, N. J.

ROSES -- Strictly No. 1 Stock.

Maids, Brides, Gates, 2½-inch, $25.00 per 1000; 3½-inch, $50.00 per 1000. **Beauties,** 2½-inch, $6.00 per 100; $50.00 per 1000. Old Beauties, from bench, $6.00 per 100. Old Teas, from bench, $4.00 per 100.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C. ..... $25.00 per 100

Two-year-old rose bushes from benches, Beauties, Maids, Brides. Prices on application. Large quantities. **HEADQUARTERS FOR FINEST CUT ROSES.**

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CHRYSANTHEMUMS

Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white.	.50	5.00	35 00
S. T. Wright, magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100; Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

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CHRYSANTHEMUM

ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Bonnaffon	1.50
Chadwick	2.50	Monrovia	1.50
Timothy Eaton	2 00	Halliday	1.50
Willowbrook	2.00	Omega	1.50
Mrs. Jerome Jones.	1 50	Ivory	1.50
Yellow Jones	1 50	Dalskov	1.50
Robinson	1.50		

Geraniums in bud and bloom, 4-in., $8.00 per 100; 2½-in., $4.00 per 100. **COLEUS**—2½-in., $2.50 per 100.

ROSES—Brides, Bridesmaid, Meteor, Golden Gate, Ivory, 2½-in. rose pots, $3.50 per 100.

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ROOTED CUTTINGS

—READY NOW—

	Per 100		Per 100
Mrs. Jerome Jones.	$1.25	Sunshine	$1 50
Opah	1.25	Col. Appleton	1.50
Polly Rose	1.25	Maud Dean	2.00
Robt. Halliday	1.25	J. K. Shaw	2.00
Yellow Jones	1 50	Iolanthe	2.00
E. D. Smith	1.50	Queen	2 00
Viviand-Morel	1 50	Mayflower	2.00
H. A. Parr	1.50	R. H. Pearson	2.00

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2¼-inch pots.

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Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

Rooted Cuttings at half above rates.

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All from 2¼-in. pots, in fine growing condition. T. Eaton, Appleton, Ivory, Bonnaffon, Maud Dean, Mrs. Murdock, Yanoma, R. Halliday, Willowbrook, and many more at $2.25 per 100; $20.00 per 1000. 300 plants for $5.00 cash, our selection. All orders shipped same day as received.

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Roses. Brides, Bridesmaids and Golden Gates, 2-inch, $2 00 per 100.

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From Messrs. Mann & Brown, Richmond, Va.:—We think very much of your Wire Tendrils and think every florist should use them. Enclosed find check for $72.50 for enclosed bill and duplicate order.

Sample package of 100 Tendrils, by mail 60c prepaid.

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Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Coleus**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. Mxd., $5.00 per 1000; 60c per 100. **Asparagus Plumosus Nanus,** 4-in. $10.00, 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in. $6 00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Pious.**

100,000 Bedding Plants in Geraniums, Fuchsias Lantanas, Coleus, Lemon Verbenas, Asters, Single and Double Petunias, Ageratums, Dracaenas, German Ivy, Vinca, Lobelia; Alternantheras, Red and Yellow, etc.

Prices on application.

L. H. Foster, 45 King St., Dorchester, Mass.

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WASHINGTON.

The Market.

Trade has been an improvement in business during the week, stock of all kinds having cleared out better than has been the case for some time. Quite a number of June weddings and commencements have taken place and this work has been evenly distributed over the city. Geo. Shaffer had one wedding in North Carolina. These affairs have used up quite large quantities of flowers. Good stuff at times seems to be a little scarce. Good roses have been in demand. There is plenty of second class stock around which can be worked in fairly well. Prices have been somewhat firmer but remain rather low. Sweet peas have been in large demand, white and pinks being mostly called for, the highest price about 50 cents per hundred. Valley has also sold very well at from $2 to $3 per hundred. Peonies are now very abundant and it is hard work to average 50 cents per dozen for them. They are handled on the streets by the fakirs. Good carnations find ready sale at fair prices.

Various Notes.

President and Mrs. Roosevelt entertained at an elaborate luncheon Friday afternoon for the members of the Filipino commission. The rooms of the lower part of the White House were decorated handsomely with plants and cut flowers, the work, under the direction of Geo. H. Brown, being done by the employes of the United States Propagating Gardens.

Planting in the public parks is progressing as rapidly as the weather will permit and but few of the beds remain yet to be planted. More cannas are being put out than before, quite a number of new varieties having been added to the list this year.

The Florists' Club held its regular meeting last Friday evening, President Gude presiding, and a large number of the craft were present. Considerable interest was manifested in the possibility of Washington securing the home and headquarters of the Society of American Florists. The florists of Washington, headed by Wm. F. Gude, are making an effort to enlist the interest of the business men of the city, which will include conferences with the Business Men's Association and the Washington Board of Trade.

Captain Ernest had the bowlers out again Wednesday night and some good scores were made, McLennan rolling 210. The following is the score:

Player.	1st	2d	3d
Shaffer	204	131	156
Cook	177	164	164
McLennan	210	197	139
Ernest	164	166	178
Barry	156	114	164
Lewis	127	146	144
McCauley	152	151	121
Young	125	125	131

H. B. L.

NEW CASTLE, IND. Wm. Gardner, who has been in charge of the packing room of the South Park Floral Co., has gone to Cincinnati to work for Peter Weiland's new wholesale house.

ROSES -- Strictly No. 1 Stock.

Maids, Brides, Gates, 2½-inch, $25.00 per 1000; 3½-inch, $50.00 per 1000. **Beauties,** 2½-inch, $6.00 per 100; $50.00 per 1000.
Old Beauties, from bench, $6.00 per 100. Old Teas, from bench, $4.00 per 100.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze		
Lady Hanham	2.00	3.00

Pink, Duckham R. C. ..... $25.00 per 100

Two-year-old rose bushes from benches. Beauties, Maids, Brides. Prices on application. Large quantities. **HEADQUARTERS FOR FINEST CUT ROSES.**
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Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50.00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white	.50	5.00	35.00
S. T. Wright magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5.00	35.00
F. A. Cobbold, mauve pink, fine	.50	5.00	35.00
W. R. Church, rosy crimson	.25	2.50	20.00
John Burton, fine late white	.50	5.00	35.00
Lord Hopetoun	.50	5.00	35.00

	100		100
Convention Hall	$8.00	Alice Byron	$8.00
Mlle. M. Liger	5.00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100. Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4.00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

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CHRYSANTHEMUM

ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Bonnaffon	1.50
Chadwick	2.50	Monrovia	1.50
Timothy Eaton	2.00	Halliday	1.50
Willowbrook	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Dalskov	1.50
Robinson	1.50		

Geraniums in bud and bloom, 4-in., $8.00 per 100; 2½-in., $4.00 per 100. **COLEUS**—2½-in., $2.50 per 100.

ROSES—Brides, Bridesmaid, Meteor, Golden Gate, Ivory, 2½-in. rose pots, $3.50 per 100

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CHRYSANTHEMUMS

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	Per 100		Per 100
Mrs. Jerome Jones	$1.25	Sunshine	$1.50
Opah	1.25	Col. Appleton	1.50
Polly Rose	1.25	Maud Dean	2.00
Robt. Halliday	1.25	J. K. Shaw	2.00
Yellow Jones	1.50	Iolanthe	2.00
E. D. Smith	1.50	Queen	2.00
Viviand-Morel	1.50	Mayflower	2.00
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Glory Pacific, Black Hawk, Kalb, M. Wanamaker, John Lager, $2.00 per 100

Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100

Rooted Cuttings at half above rates.

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Standards, 24 in. to 66 in. head

Will be mailed on application.

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write **GEO. A. KUHL, Pekin, Ill.**

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ROOTED CUTTINGS.
$8.00 per 1000; Cash or C.O D.

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Asparagus Plumosus
From flats, ready for potting, $2.00 per 100 $18 00 per 1000. 2-inch, $3.00 per 100

Roses. Brides, Bridesmaids and Golden Gates, 2-inch, $2 00 per 100

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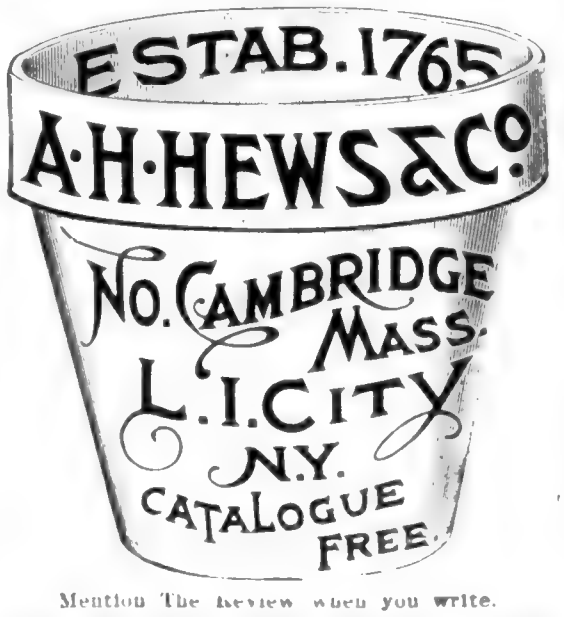
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Very fine, $25.00 to $50.00 per 100. In pots 25c to $5.00 each; small plants $5.00 per 100. **Coleus**—Rooted Cuttings, red, yellow and black, $7.50 per 1000; 80c per 100. Mxd., $5.00 per 1000; 60c per 100 **Asparagus Plumosus Nanus,** 4-in. $10.00 8 in. pans $50.00 per 100. **Asparagus Sprengeri,** 4-in. $6 00 per 100. **Dracaena Indivisa,** 3-in. strong, $8.00 per 100. **Kentias—Ficus.**

100,000 Bedding Plants in Geraniums Fuchsias Lantanas, Coleus, Lemon Verbenas Asters, Single and Double Petunias, Ageratums Dracaenas, German Ivy, Vinca, Lobelia; Alternantheras, Red and Yellow, etc.
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Abutilons Souv. de Bonn, Eclipse, Golden Bell, Infanta Eulalia, 2½-in., $2.00 100.
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ACALYPHAS.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHILLEAS.

Achillea The Pearl, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

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Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

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Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
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Asparagus plumosus nanus seedlings from flats, ready for potting on, $12.00 1000, $1.50 100. 250 at 1000 rate; 3-in. pots, $5.00 100, $40.00 1000; 4-in., $8.00 100, $70.00 1000, field-grown. Send cash and we will pay freight.
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2-inch pot stock ready now.
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2000 Asparagus plumosa, 2¼-in. pots.....$3.00
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California Carnation Co., Loomis, Cal.

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Springfield Floral Co., Springfield, O.

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Cut strings, 50 cents each.
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Asters. Large transplanted plants of Hohenzollern, white and rose pink; Semple's Branching, red, rose pink; Daybreak, purple; White, Victoria, Giant Comet and Queen of the Market, mixed, per 100, $1.00; too large to mail. Cash. J. Sylvester, Oconto, Wis.

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Asters. Semple's crimson, lavender, Mary Semple and white, $2.50 per 1000. Cash. See vegetable plant advertisement.
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Aster plants. Queen of the Market and Semple's white, pink and lavender, large plants, $2.50 per 1000; 300 for $1.00.
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Asters. Semple's and Queen of the Market, separate colors, strong plants, 30c per 100 by mail. S. W. Pike, St. Charles, Ill.

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Bay trees, palms, decorative plants, orchids, all sizes. Apply to
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Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
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Begonias, 10 varieties, good plants in 3-in. pots, $5.00 per 100. Cash with order.
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Springfield Floral Co., Springfield, O.

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Bouvardias, scarlet, pink and white, 2-in., $2.00 100.
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Single, separate colors		20c	$1.25	$10.00
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Choice gloxinia bulbs, separate colors		25c	1.50	.....

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BARNARD'S lilies are the best. The true type of Harrisii is never too plentiful. Write now.
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Fancy leaved caladiums in about 50 var., for 30 days, cheap.
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Amaryllis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

100,000 calla bulbs. Write for prices.
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CACTI.
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Sound cacti in variety, $5.00 100 and upwards.
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Cannas, strong plants, 3½-inch pots in following varieties, $6.00 100: Mme. Crozy, Queen Charlotte, Pres. Carnot, Burbank, Chas. Henderson, A. Bouvier, Egandale, Italia.
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Springfield Floral Co., Springfield, O.

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New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
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50,000 outside in flats ready to plant. Q. Louise, Hill, Crocker, Joost, G. Angel, Crane, Marquis, Eldorado and Firefly, red in fair proportion, $15.00 per 1000, $2.00 per 100. Send for list of mums and bedding stock, cannas, etc. Cash. Benj. Connell, West Grove, Pa.

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A few healthy carnation cuttings from soil, Mrs. Potter Palmer, $2.50 100; Lorna, $2.00 100; Mrs. Nelson, $2.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

Plants from 2-inch pots, every one sure to grow, 200 Fair Maid, 500 Boston Market, 200 Mrs. Lawson, $3.00 100.
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We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
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Springfield Floral Co., Springfield, O.

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Centaurea gymnocarpa, 3-in., $3.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

Centaureas, fern leaved, fine plants, $3.00 100.
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Rooted chrysanthemum cuttings:
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Cash with order, or good references.
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WM. DUCKHAM chrysanthemum. We have 1200 fine plants of this wonderful variety to sell. Plants are grown from top cuttings, propagated the end of April, and have been in flats since May 16, and are now excellent stock for planting out. We offer these plants at $3.00 per doz.; $10.00 per 50; $18.00 per 100. Can not accept orders for less than 12.
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35,000 chrysanthemums all from 2¼-in. pots, in fine growing condition. T. Eaton, Appleton, Ivory, Bonnaffon, Maud Dean, Mrs. Murdock, Yanoma, R. Halliday, Willowbrook and many more at $2.25 per 100, $20.00 per 1000.
300 plants for $5.00 cash, our selection. All orders shipped same day as received.
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C. W. Blatchley, Plantsville, Conn.

Mums from 2½-in. pots, $2.00 100; $18.00 1000, Bonnaffon, White Bonnaffon, Ivory, Pacific, Bergmann, Adele, Bride, Wanamaker, Halliday, Appleton, McKinley, Alice Byron, White Pompon; extra fine strong plants. Rooted cuttings of same var., 75c 100.
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Chrysanthemums for June and July planting. Not remnants of spring stock, but nice young plants grown especially for this purpose and in varieties sure to produce fine blooms. For list of varieties and prices see display adv. in this issue. Nathan Smith & Son, Adrian, Mich.

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Chrysanthemums, strong 2-in. pot plants, $2.50 per 100, $20.00 per 1000. Polly Rose, Appleton, Silver Wedding, W. A. Richardson, Columbia, Ivory, White Bonnaffon, Merry Christmas and 20 other leading varieties.
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10,000 chrysanthemums, 2 and 2¼-in. G. Pacific and Polly Rose, $1.50 per 100. Col. Appleton, $1.75 per 100. T. Eaton, $2.00 per 100. F. J. Taggart, $4.00 per 100. 25 and 50 at 100 rate. A. B. Campbell, Cochranville, Pa.

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2000 chrysanthemum plants, best named varieties, 2-in. pots, $2.50 per 100, or the lot for $30.00 cash.
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Coleus. Golden Bedder and Verschaffeltii. 2-in., strong, $1.00 100. Cash.
Byer Bros., Chambersburg, Pa.

Coleus, 2½-in. pots, 20 varieties, $1.25 per 100. Cash with order.
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Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
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12	"	"	"	1.25 "
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Kentia Belmoreana,	"	3-in. "	15.00	"
" "	"	4-in. "	25.00	"
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" Forsteriana,	"	3-in. "	20.00	"
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		Feet.	Each.
15	Kentia Belmoreana	4 to 5	$2.50
15	" "	3 to 4	2.00
12	Phoenix	4	2.00
4	Latania	4	3.00
6	Areca	4	1.50

Wagner Park Conservatories, Sidney, Ohio.

Fine palms. Per 100:

300	Kentia Forsteriana, 3-in. pots	$12.00
600	Kentia Forsteriana, 4-in. pots	25.00
200	Kentia Belmoreana, 4-in. pots	25.00
200	Latania borbonica, 5-in. pots	25.00

Walker & McLean, Youngstown, Ohio.

Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00; 6-in., $15.00 per doz.; from 7-in. and upward, at $1.75 to $35.00 each.
John Bader, Troy Hill, Allegheny, Pa.

Chamaerops excelsa, extra strong 4-in., ready to shift, $10.00 per 100. Kentia Belmoreana, 2½-in., fine palms, 3 leaves, $10.00 per 100. Cash. S. B. Ritter, Port Royal, S. C.

Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 25 to 35 in. high, 75c to $1.00 each.
G. Aschmann, 1012 Ontario St., Phila., Pa.

Kentia Belmoreana and Forsteriana, 3-in., cool-grown, 5 to 6 leaves and dwarf, $12.00 100.
Converse Greenhouses, Webster, Mass.

We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
J. F. Wilcox, Council Bluffs, Iowa.

Pandanus Veitchii, pedestal-grown, 12-in. pots, $6.00 each.
John W. Young, Germantown, Pa.

Palms Kentia Belmoreana from 3-in., strong, $15.00 per 100.
L. I. Neff, 218 6th St., Pittsburg, Pa.

Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Philadelphia-grown palms. Write.
Joseph Heacock, Wyncote, Pa.

Phoenix palms, 5-in., $12.00 100.
Batavia Greenhouses, Batavia, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies, all the very best strains, large plants, twice transplanted, full of buds, per 100, $1.50; once transplanted, in bud or bloom, per 100, 60c; per 1000, $5.00. Cash.
J. Sylvester, Oconto, Wis.

Pansies and English daisies in bloom, $2.00 100. Cash. I. Merwin Rayner, Greenport, N. Y.

Pansy plants, $8.00 per 1000.
F. Griswold, Worthington, O.

PECAN TREES AND NUTS.

PECAN TREES and NUTS. Budded, grafted and seedling trees, 1, 2 and 3 yrs. old; 27 varieties. Wholesale and retail.
G. M. Bacon Pecan Co., Inc., De Witt, Ga.

PELARGONIUMS.

Pelargoniums Mme. Thibaut, Sandiford, Victor, Red and Jack, in bud and bloom, 2-in., $2.00; 3-in., $4.00; 4-in., $6.00 per 100.
Batavia Greenhouses, Batavia, Ill.

PEONIES.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, 12c. W. H. Salter, Rochester, N. Y.

PETUNIAS.

Petunias, dbl. fringed, 6 distinct var. from 2½-in. pots, labeled, $2.00 100, $18.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Double white petunias, 2½-in., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Philadelphia.

Dbl. petunias, 2½-in. pots, $2.00. Cash.
F. G. Chapman, Hewlett, L. I., N. Y.

POINSETTIAS.

Poinsettias, 2½ and 3-in. pot plants, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

PRIMULAS.

Chinese primroses, large flowering, fringed, July delivery, 2-in., $2.00 per 100.
J. Clint McPheron, Carrollton, Ill.

Improved Chinese primroses, from finest seed, $2.00 per 100; July delivery.
John F. Rupp, Shiremanstown, Pa.

Primroses Chinese, obconica, Forbesi, ready July, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Mexican primrose, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

PRIVET.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Eisele, Box 100, West End, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendron maximum, absolutely hardy, well-rooted layers and young plants for nursery, 10 to 24 inches high, at $10.00 per 100. Strong plants and specimens, from 20 to 48 inches high, at 50c to $2.00 each. No charge for packing, etc.
A. E. Wohlert, 6222 Broad St., Pittsburg, Pa

ROSES.

Rose plants.

		100	1000
American Beauty,	2½-in. pots	$5.50	$45.00
American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
The Benthey-Coatsworth Co., 35 Randolph St., Chicago.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay.	$5.00	$40.00	Maid	$2.50	$20.00
Sunrise	5.00	40.00	Bride	2.50	20.00
Kaiserin	2.50	20.00	Perle	2.50	20.00
Liberty	5.00	40.00	G'den Gate.	2.50	20.00
Ivory	2.50	20.00			

American Beauty, 3-in., $6.00 100; $50.00 1000.
American Beauty, 2-yr.-old, from bench, $6.00 per 100; $50.00 per 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Surplus roses. Lamarque, Clo. Soupert, Mrs. Robt. Peary, Boq. of Gold, Duchesse de Brabant, Helen Gould, Mosella, Ivory, Striped La France, Reine Marie Henrietta, The Bride, Princess de Sagan, Bridesmaid, Mrs. Lovett, Catherine Mermet, Frances E. Willard, Bessie Brown, Chromatella, Etoile de Lyon, Climbing Clothilde Soupert, Yellow Rambler, White Rambler, Pink Rambler, Papa Gontier and Golden Gate, nice plants from 2-in. pots, $2.00 per 100. Ball of Snow, 2½c.
The Fairview Floral Co., Beatty, Ohio.

Clearing sale of choice rose plants:

2000 American Beauties, 2½-in.	$40.00	1000
5000 Chatenay, 3-in.	50.00	1000
4000 Brides, 2-in.	25.00	1000
4000 Maids, 2-in.	20.00	1000

12,000 American Beauty plants from benches, $25.00 per 1000. 12,000 Maids and Brides, grafted plants from benches, $25.00 per 1000.
Guaranteed choice, clean stock, well grown.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100. $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate....	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty	5.00	45.00
Liberty ...	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
American Beauty, 2-yr.-old plants from bench, $3.00 100, $25.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
3-in. ..... $6.00 per 100; $55.00 per 1000
4-in. ..... 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides ...	$3.00	$25.00	Kaiserin ..	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty ...	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

LA FRANCE, fancy stock, large plants, 2¼-in., $3.00 100; 3-in., extra fine, $4.50 100.
KAISERINS, extra strong, 2¼-in., $3.00 100; 3-in., $5.00 100.
AMERICAN BEAUTIES, from benches, stocky and in fine condition, $5.00 100, $45.00 1000. Honaker The Florist, Lexington, Ky.

Roses Marechal Niel, The Bride, Ball of Snow, 2½-in., $2.50 100; $20.00 1000. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snow Flake, 2½-in., $2.00 100; $18.00 1000. Ball of Snow, strong plants from 4-in. pots, $7.00.
Springfield Floral Co., Springfield, O.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $30.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

Beauties, fine, 2½-in., $5.00 100; 3-in., $8.00. Perles, 2½-in., $3.00 100. Maids, Brides, Ivory, Gates, choice stock, 2½-in., $3.00 100; $25.00 1000. Extra fine 3-in. stock of Perles, $6.00 100; Brides, Gates and Ivory, $5.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Roses. Strictly No. 1 stock. Maids, Brides, Gates, 2½-in., $25.00 1000; 3½-in., $50.00 1000. Beauties, 2½-in., $6.00 100, $50.00 1000.
Old Beauties, from bench, $6.00 100. Old Teas, from bench, $4.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Roses. Kaiserins, Maids, Brides, 3-in., $5.00 100. Liberty, Sunrise, Perles, 3-in., $8.00 100. All young clean stock ready for planting. Cash, or reference with order, please.
C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

American Beauties, 3-in., 2½x3 and 2x2½. All kinds of teas. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, G. Gate, Liberty, Carnot and a few Meteors. Stock A1. Prices right.
Geo. A. Kuhl, Pekin, Ill.

10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
J. F. WILCOX, Council Bluffs, Iowa.

Roses. We have 100 3½-in., Bridesmaids, 75 3½-in. Ivory, extra good stock, $5.00 per 100. Would exchange for Boston or Piersoni ferns or Boston Market carnations.
W. C. Hill Floral Co., Streator, Ill.

Roses. 2500 Perles, very strong; 3000 Kaiserins; 4000 Cochets, pink and white; 5000 Hermosas; 2500 C. Souperts, 3-in., $5.00 100; $45.00 1000.
J. D. Brennemann, Box 24, Harrisburg, Pa.

Roses, 2½-in. for field planting, $3.00 per 100. Gen. Jacq., Coq. des Blanches, Capt. Christy, Hermosa, Vicks Caprice, P. C. de Rohan. C. M. Niuffer, Springfield, Ohio.

MAIDS and BRIDES, 2-in., $20.00 1000. METEOR, 2½-in., $15.00 1000. AMERICAN BEAUTY bushes, 1-yr.-old, from benches, $4.00 100. J. A. Budlong, 37 Randolph St., Chicago.

Maids, Brides and Golden Gates, 2½-in., $3.00 per 100. 600 fine, clean Meteors, 3-in. pots, just right to plant at once, $8.00 per 100.
Walker & McLean, Youngstown, Ohio.

Roses. Brides and Maids, large bushy plants, 2½ and 3-in. pots, $22.50 and $27.50 per 1000. Woottons, 3-in., $4.00 per 100.
H. Bornhoeft, Tipton, Ind.

1000 first-class Bridesmaids, out of 3-in. pots. $40.00 cash will buy the lot to close out.
T. W. Lydecker, Englewood, N. J.

Roses. Brides and Bridemaids from 3-in., strong selected stock, $3.50 per 100.
Wm. L. Rock Flower Co., Kansas City, Mo.

Roses. Kaiserin and Perle, 2½-in., $3.00 100. Brides and Maids, 2½-in., $2.50 100.
J. C. Murray, Peoria, Ill.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La Reine, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

A few choice Bride and Bridesmaid from 3 and 4-inch pots, large and healthy, 3-inch $3.00 100, 4-inch $3.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

500 of the new Dorothy Perkins pink rambler rose, out of 4-in. pots, 12 to 20 in. high, $6.00 100; $10.00 200. Cash.
Geo. E. Ward, Beverly, Mass.

Rose plants, ready to plant now. Bride and Bridesmaid, from 3-in. pots, $45.00 1000. Cash with order.
Ernst F. Hoehl, Somerville, N. J.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write. Geo. A. Kuhl, Pekin, Ill.

Queen of Edgely, 2½-in., $6.00 100; $55.00 1000; 3-inch, $8.00 100; $75.00 1000. Old stock, $6.00 100. Geo. Harrer, Morton Grove, Ill.

AMERICAN BEAUTIES. A nice lot from 2½-in. pots, $6.00 per 100, or $50.00 per 1000.
Emil Buettner, Park Ridge, Ill.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Brides, Bridesmaids, Golden Gates, Ivory and Meteors, 2½-in. rose pots, $3.50 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Hillside Liberties, strong, healthy plants, 2½-inch, $60.00 1000; 3-inch, $80.00 1000. Cash.
E. Towill, Roslyn, Pa.

Roses. Bridesmaid roses from 3½ and 4-in. pots, extra fine, $4.50 100; $40.00 per 1000.
E. T. Grave, Richmond, Ind.

Queen of Edgely, Sunrise and American Beauty, 2½-inch, $6.00 100; $50.00 1000.
Myers & Samtman, Chestnut Hill, Pa.

Surplus stock. Ivory, Maids, Brides, Gates, Beauties, 3-in., $5.00 per 100.
Stuppy Floral Co., St. Joseph, Mo.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

500 American Beauty plants from 3-inch pots, in fine condition, $7.00 100.
J. Henry Bartram, Lansdowne, Pa.

Extra choice Kaiserin roses, for summer blooming, 4-in., $4.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves for July delivery, $16.00 per 100; $150.00 per 100. Less than 100, 75c.
A. C. Oelschig, Savannah, Ga.

1 doz. large ficus, branched, $12.00; 2 doz. large ficus, per doz., $9.00. These are good plants, 3 to 4 ft. high.
Crown Point Floral Co., Crown Point, Ind.

SALVIAS.

200, 3 to 4-in., Salvia splendens and Bonfire in bud and bloom, bushy plants. The lot for $6.00. W. T. Stephens & Co., Brookfield, Mo.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00.
A. T. Boddington, 35 Warren St., New York.

Primula sinensis fim., English grown, trade pkt., 50c. P. Forbesi, trade pkt., 25c. Cineraria hyb. grand., trade pkt., 50c. Calceolaria hyb. grand., trade pkt., $1.50. All types, including self-colored, tigered, mottled, variegated, spotted, Gloxinia grand., trade pkt., 50c. Exclusive French hyb., including Fire King, Defiance, Frederic, etc.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

CINERARIA seed, English Prize Giant Flowering, mixed; half-trade pkt., 50c; trade pkt., $1.00.
PRIMULA seed (Chinese primrose), English Prize Fringed, mixed, 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Johnson & Stokes, 217-219 Market St., Phila.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
Drake Point Greenhouses, Yalaha, Florida.

Van Namen Bros.' Excelsior Holland grown cabbage seed, per lb., $1.10; 10 lbs., $10.00. Cauliflower, per ¼ lb., $1.50; per lb., $5.00.
C. H. Joosten, 201 West St., New York.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

A choice line of selected FLORISTS' SEEDS. See display adv. for varieties and prices.
H. H. Berger & Co., 47 Barclay St., N. Y.

Asparagus plumosus nanus seed, $4.00 per 1000; 40c per 100. Cash, please.
Albert Buckwell, Woodbridge, Fla.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

New crop pansy seed, $4.00 per oz., ¼ oz. at 1-oz. rate.
California Carnation Co., Loomis, Cal.

Giant pansy seed, choice mixed, per trade packet, $1.00. Beaulieu, Woodhaven, N. Y.

Asparagus plumosus seed, $4.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

SMILAX.

Smilax. 2000 fine, clean plants, 2½-in., $2.00 per 100; $18.00 per 1000. 500 at 1000 rate. Cash. Sample 5c.
John Beimford, Wilton Junction, Iowa.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in. pots, bushy plants, $1.25 per 100. Cash with order.
G. W. Renard & Bro., Avondale, Pa.

Smilax. Strong 2-in. pots, once topped, good stock, $2.00 per 100.
W. E. Gravett, Lancaster, Ohio.

Smilax, 2¼-in., strong and healthy, $1.75 per 100; $15.00 per 1000.
H. M. Totman, Randolph, Vt.

Smilax from flats, transplanted, $1.50 per 100; $12.00 per 1000.
Walker & McLean, Youngstown, Ohio.

Smilax, 2,400 well-grown stock, 3-in., $20.00 per 1000. Cash.
J. Van Lindley Nursery Co., Pomona, N. C.

Smilax seedlings, fine, $1.00 1000; prepaid for 20c 100. Cash.
Byer Bros., Chambersburg, Pa.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax from 2½-inch pots, $1.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

1000 smilax, $1.25 per 100.
Jos. H. Cunningham, Delaware, O.

Smilax all sold.
East Side Floral Co., Champaign, Ill.

SNAP DRAGONS.

Snap Dragons, 2-in., $1.50 100. Cash.
O. L. Baird, Dixon, Ill.

STEVIAS.

Stevia in 3-in. pots, 3c. Rooted cuttings, 75c 100. A. A. J. La Roche, Collingdale, Pa.

STOCKS.

Stocks, large flowering ten-weeks; large, transplanted, all colors mixed, per 100, $1.50.
J. Sylvester, Oconto, Wis.

STROBILANTHES.

Strobilanthes Dyerianus, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

SURPLUS STOCK.

3000	Geraniums, 4-in., fine	$5.00
500	Heliotrope, dark and light, 4-in.	5.00
500	Ageratum, in bloom, 4-in.	5.00
100	Fuchsia, in bloom, 4-in.	5.00
1000	Coleus, best sorts	2.00
1000	Cannas, best sorts	5.00
1000	Lobelia, in bloom	2.00
500	Sweet Alyssum, in bloom	4.00

Cash with order, please.
W. L. JONES, Box 231, NUTLEY, N. J.

VEGETABLE PLANTS.

SWEET POTATO PLANTS.
CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.
EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.
BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.
RED NANSEMOND OR RED JERSEY, $1.50 per 1000.
EARLY RED, HAYMAN SPANISH, PIERSON, VINELAND BUSH, WHITE BUSH and NANCY HALL, 30c per 100; by mail.
TOMATO PLANTS—Thrifty and stocky field-grown Stone plants, $1.00 per 1000; $7.50 per 10,000.
A large stock of stout, healthy plants now ready. Cash with order.
H. AUSTIN, Felton, Del.

CABBAGE—Early and Charleston, Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.
TOMATO—Earliana, 40c per 100; $2.00 per 1000. Stone, Paragon, Favorite, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.
CELERY—Boston Market, Dwf. Golden Heart, Giant Pascal, Pearl le Grand, Pink and White Plume and celeriac, 25c 100; $1.00 1000; $8.50 10,000.
PEPPER—Bull Nose, Ruby King, Sweet Mountain, 40c per 100; $2.00 per 1000.
PARSLEY—Moss Curled, 25c per 100; $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100; $1.00 per 1000; $8.50 per 10,000.
Kohl Rabi and Brussels Sprouts, 25c 100; $1.50 1000.
On cabbage, tomatoes and celery, we are prepared to make special price on large lots.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Cabbage—Early Summer, All Head, Drumhead and Danish Ballhead, winter field-grown, strong, $1.00 per 1000.
Tomatoes—Acme, Stone and 6 other seedlings, $1.00; strong transplanted, $2.50 per 1000.
Celery—White Plume, transplanted, $2.50 per 1000; seedlings, $1.00, and 4 other varieties.
Egg plants, peppers, sweet potatoes, celeriac, leek, cauliflower, kale, beet, parsley.
Cash with order. Price list mailed.
L. Mosbaek, Phone 105, Onarga, Ill.

Cabbage—Wakefield, Succession, Early and Late Flat Dutch and others, $1.00 per 1000; 5000 for $4.00.
Tomatoes—Stone, Beauty and others, $1.00 per 1000.
Cauliflower—Early Snowball, $2.50 per 1000.
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Byer Floral Co., Shippensburg, Pa.

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F. Griswold, Worthington, O.

Transplanted celery plants, Giant Pascal, White Plume, 50c per 100, $4.00 per 1000.
T. C. Breece, West Berlin, Ohio.

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Peter J. Schuur, Kalamazoo, Mich.

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F. G. Chapman, Hewlett, L. I., N. Y.

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Verbenas. White, pink, purple, scarlet, all in bloom, $2.00 per 100.
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Verbenas, 2-in., nice, stocky plants, free from insects, $1.75 per 100.
G. A. Dudley Co., Newmarket, N. H.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

20,000 Vinca variegata major, 2-in., $1.25 per 100; $10.00 per 1000. Cash with order.
P. J. Agnew, Springfield, Ohio.

1500 Vinca var. major, strong plants, 4-in., $7.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

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W. H. Gullett & Sons, Lincoln, Ill.

Vincas, strong vines, $10.00 per 100.
Otto H. Bourdy, Lowell, Mass.

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Marie Louise violets, February and March struck, strong, healthy plants, free from disease. A No. 1 plants. Can fill large orders as well as small ones. $15.00 1000. Cash with order. Your money cheerfully refunded if not satisfactory.
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Crabb & Hunter, Grand Rapids, Mich.

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G. M. Naumann, 1537 Doan St., Cleveland, O.

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A. N. Towell, West 200th St. and Ft. Washington Ave., New York, N. Y.

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G. W. Renard & Bro., Avondale, Pa.

Rooted cuttings of Princess of Wales violets, $8.00 per 1000. Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

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Vern L. Schluraff, Erie, Pa.

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Huss Floral Nursery, Augusta, Ga.

To Exchange—100 3½-in. Bridesmaids and 75 3½-in. Ivory, extra good stock, at $5.00 per 100 for Boston or Piersoni ferns or Boston Market carnations.
W. C. Hill Floral Co., Streator, Ill.

To Exchange—200 La Favorite and 50 E. G. Hill geraniums in 4-in. pots, strong and in bloom, $6.00 100 or will exchange for maidenhair and Boston ferns.
O. B. Stevens, Shenandoah, Iowa.

TO EXCHANGE—Continued.

To Exchange—Very large palms, 12 to 15 ft., for a pumping outfit with power attached; must be small and in good order.
F. J. Ulbricht, L. B. 113, Anniston, Ala.

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GALAX LEAVES. Bronze or green.
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GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

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Japan bamboo cane stakes, 5 ft., 65c 100, $2.50 500, $4.50 1000; bundle of 2500, $10.00; 6 ft., 75c 100, $3.25 500, $6.00 1000; bundle of 2500, $13.00.
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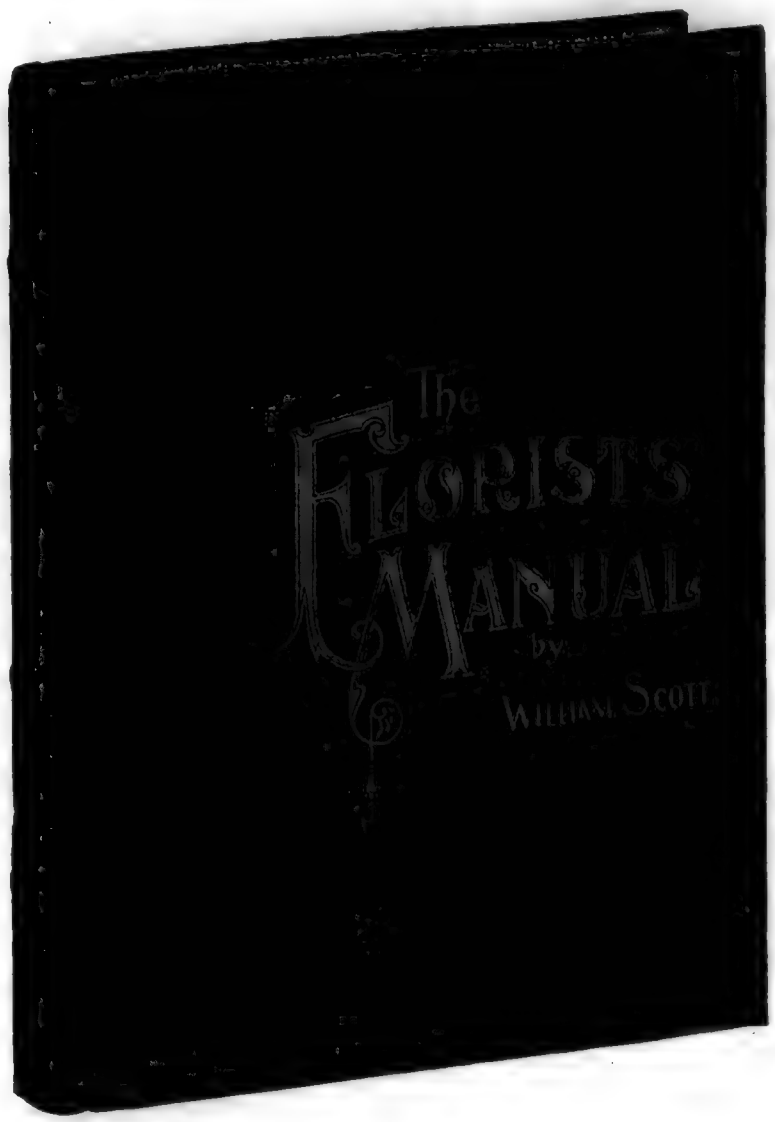
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FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

Throughout North Holland co-operative associations of market gardeners are conducted on practical lines. The products of the members, before being offered for sale, are inspected by officers of the respective associations, and any that are below the standard are rejected, the others having the registered trade-mark affixed. This trade-mark is regarded by buyers as evidence that the produce is of good quality, and has been properly packed. The products thus passed are offered for sale at the society's mart, the president of the local branch usually acting as auctioneer. Commission agents and dealers from the various cities attend the sales and the goods sold are paid for in cash. At the end of the week each member is paid the sum his products have realized, less the commission, which is small. This system has given a great impetus to market gardening in Holland, and as evidence of this it may be mentioned that during the summer months a "cabbage train" starts daily from Enkhuizen, on the shores of the Zuider Zee, and picks up at the principal stations some thirty or forty trucks loaded with cabbages and cauliflowers. Arriving at Amsterdam and Rotterdam, the trucks are mostly despatched to Germany, whence also wagon-loads of cucumbers are sent at frequent intervals during the season. Large quantities of vegetables are also sent to the British markets.



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NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

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HardyPerennials
Hardy Shrubs
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KANSAS CITY.

Florists in Kansas City have had a good spring business. Greenhouse men have had the best planting and bedding trade they ever enjoyed, even if we have had lots of rain, which has kept them back somewhat. But they are about caught up and everyone is happy. They are all very nearly sold out of bedding stock.

A. F. Barbe is building six more greenhouses, adding 10,000 feet of glass to his place, which will give him the largest plant in town. He will devote it all to cut flowers. He is also putting up a first-class two-story office and show room which is to be the best in town.

The cut flower market is very unsatisfactory. At present the weather is against getting good stock two days in succession. Roses all come in open, especially American Beauties. Carnations are small.

There is talk that there will not be a flower show this fall in Convention Hall, if there is any at all.

All the downtown florists are talking about vacation, some to go to the woods and others talk about convention and the World's Fair.

L. M. S.

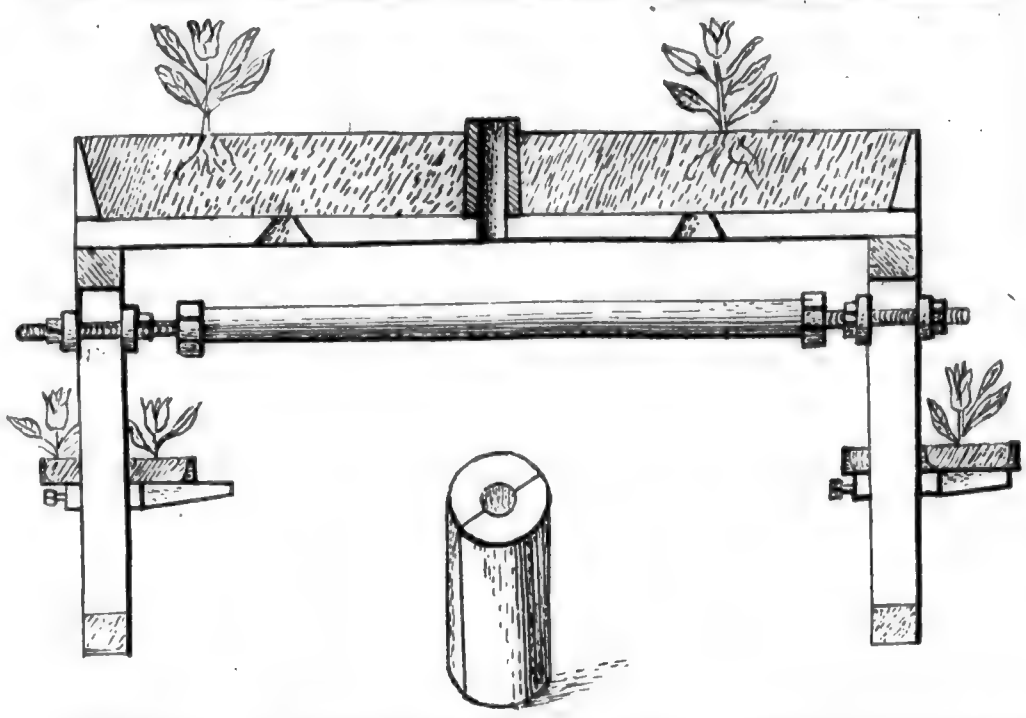
INDIANAPOLIS, IND.—H. H. Tall has been appointed florist at Garfield park, vice Henry Stanley.

WEST POINT, NEB.—On June 7 J. F. Rosenfield's peonies were just beginning to bloom, fully two weeks later than usual. He has some very choice new sorts and had intended to send some blooms to the Peony Society's show in New York, but the show developed before the blooms did.

CLINTON, MO.—A. Woerner says this has been a very successful season for him even if the weather has been very bad. He will build a house 20x65 this season, of the best material and top and side ventilation. Mr. Woerner says he has been in the trade forty years and expects to stay in it another forty.

WE are in receipt of the Proceedings of the Thirteenth Annual Meeting of the American Carnation Society held in Detroit, March 2 and 3. Besides the part covered by the REVIEW's report March 3, the volume contains proceedings of directors' meetings, a list of the varieties registered for the year and the roster of the members, who number 340.

The Ideal Reinforced Concrete Greenhouse Bench.



CAUTION.—All parts of this construction, the process of making it and the machines used in preparing and manufacturing are under the protection of the United States Government by virtue of letters patent granted and others pending. Patents are taken in all principal foreign countries.

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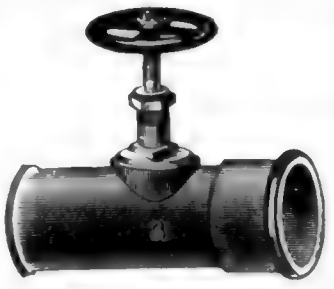
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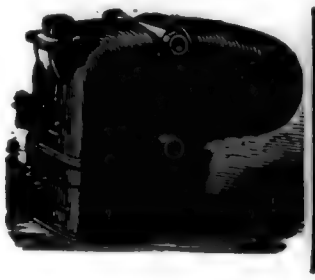
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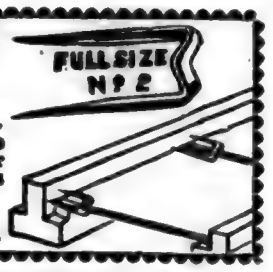
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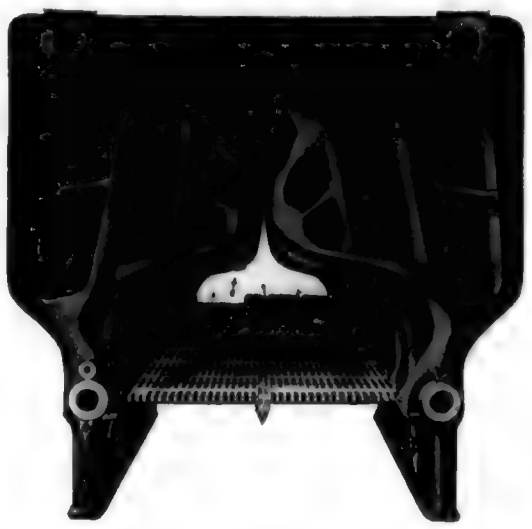
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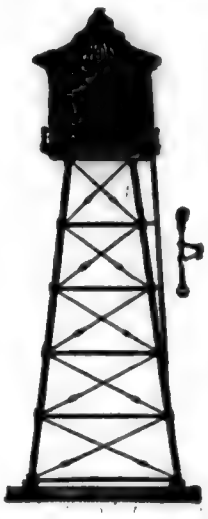
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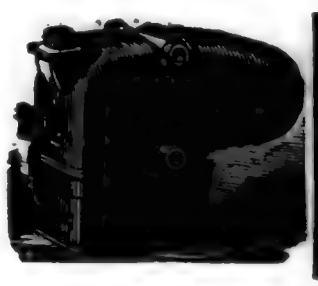
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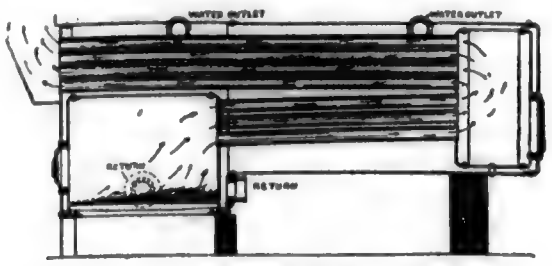
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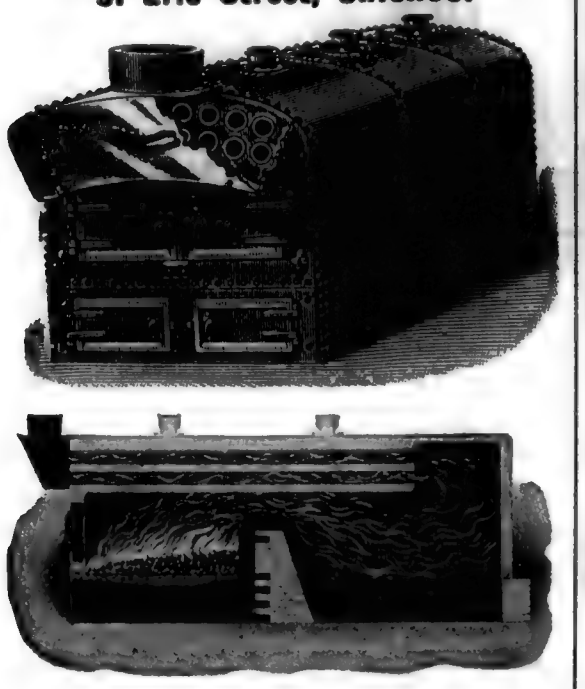
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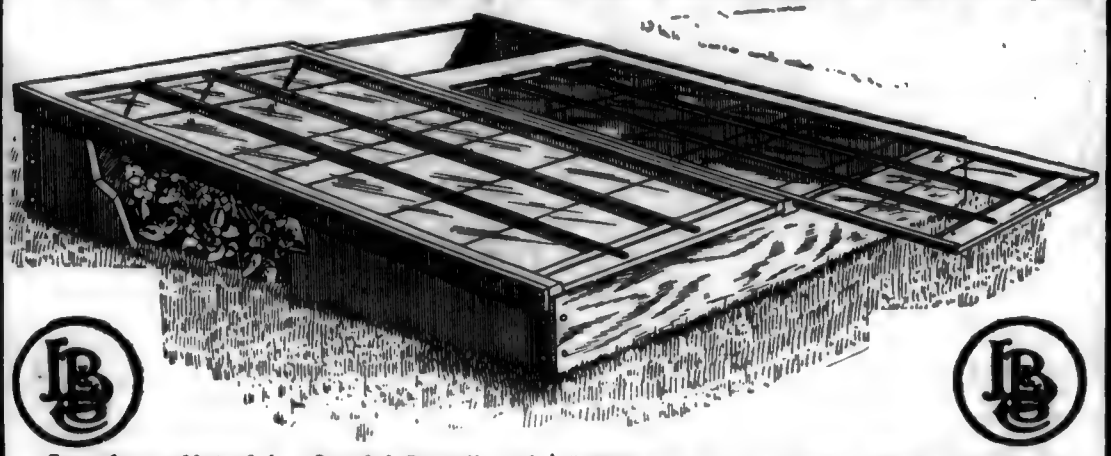
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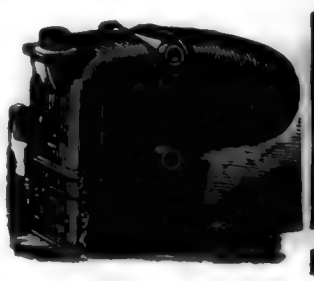
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Vol. XIV. CHICAGO AND NEW YORK, JUNE 23, 1904. No. 343.

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MISCELLANEOUS SEASONABLE HINTS.

Spread Out the Palms.

There will be less stock in our houses for the next two months than at any time of the year, except it be with the palm specialists, who are now pushing along their young stock that will be sent out in the fall. If you grow a few young palms don't over-force them. It is true that our leading commercial palms, the kentia, areca, latania and phœnix, will endure a great amount of heat and humidity, and some large growers give it to them, but others do not. It is those who give all the ventilation they can, with the least shade that is permissible, and plenty of room for the plants to develop their growth, who send out the fine stock, well formed, desirable palms. I once entered a house of arecas in June; the sun was shining and it was about 70 degrees outside in the shade, and yet there was steam on in that house. The temperature must have been about 117. Of course the Areca lutescens were growing fast, but when sold to the man who could, in the fall, only give it 60 degrees at night they would soon assume that beautiful (?) pale yellow color. Give your young palms plenty of room now that you can afford it.

Some Plants Can Go Outside.

Decorations of all kinds are about over and large plants of kentia, latania and phœnix are just as well out of doors for the next three months. It is of the greatest benefit to sink the pots or tubs in the ground, or surround them with some light material, for then there is less danger of their suffering from neglect of watering.

Areca lutescens is the most decorative of all palms and yet is not as valuable to us as the kentias because it is not as good a house plant, nor will it stand the "rough and tumble" usage we give our plants that are carted around the city to participate in many varied functions. This beautiful palm is best kept under glass, for, with the greatest care, it soon loses its color in the sun.

Araucaria excelsa should be given plenty of bench room in a well ventilated house, beneath shaded glass, and they greatly enjoy a spraying with the hose on every bright, warm day.

Plan to Keep Smilax Warm.

As soon as all your chrysanthemums are planted you will be attending to your smilax and asparagus beds. Anyone can grow smilax, but not all profitably. On the ground is the place for it and there is no need of a dry bottom or drainage of any kind. Six inches of soil is enough, because it is to be there only one year. As good a smilax bed as the writer ever saw was in a house where the lower roots must have been constantly wet, in fact almost in water. Don't plant smilax in a house where the temperature cannot be kept steadily at 60 and if 65 degrees so much the better. It likes heat, and needs it to be profitable, and is none the more tender or soft because it is grown in a strong heat.

Deep Soil for Plumosus.

There never seems an oversupply of Asparagus plumosus or Sprengeri. Particularly is plumosus wanted in the shape of sprays and for that purpose it can be planted on a bench in six inches of the richest soil, but it will not do as well as it would in a solid bed. For the production of long strings of plumosus never plant it anywhere but in a solid bed with no tiles, stones or drainage of any kind, as it would be a detriment. Put your rich, heavy loam, with a third of animal manure, on the surface of the soil, and if that was dug and manured a foot deep, so much the better. You don't plant Asparagus plumosus every year. It will be profitable if left undisturbed for three or four years. I will quote the words of W. H. Elliott, the asparagus king, who gave the writer the best of advice when he said, "Never divorce plumosus from mother earth," and we found what he said was true, for in nine inches of rich soil, but with a plank separating the bed from mother earth, the ends of the growths became bleached-looking after the bed had been planted a few months.

Asparagus Sprengeri.

Adiantum cuneatum and similar species are doubtless very beautiful and indispensable. Yet we think that in a spray of roses or carnations, so much asked for nowadays, Asparagus plumosus is far prettier and has a grace of form and color that the adiantum lacks. A. Sprengeri is not so high class, yet it is always in demand and we find constant use for more than we produce. It is useless to put this most voracious of feeders on a bench in five or six inches of soil. It will produce a few fronds at first and the aftermath will be a slow, stunted, starved growth.

Mr. Crowe's Method.

I have several times quoted the method used by Peter Crowe, of Utica, N. Y., in growing this useful plant. He used Belgian glass boxes that had held 100 feet of 16x24 glass. They are eight or nine inches broad and when stood on edge and filled with the richest of soil the roots would have to go down sixteen inches before they were exhausted. In addition to great depth of soil they were most liberally treated to liquid manure. I have never seen such luxurious and continuous growth, or better color. The boxes were standing on the ground beneath the gutters in a large rose range that had no partitions. You may not have such a place, nor is it necessary to import Belgian glass to obtain these boxes, but the above will illustrate what this useful plant needs to make it profitable. It is a hog for feed and if you stint its food, either solid or liquid, it will be a lean, stunted thing.

Poinsettias.

This is an excellent time to keep on putting in cuttings of poinsettia and you can do so till the end of August. They root quickly and surely in the hot months, providing you keep them soaked and shaded. When you pot them keep them well shaded and frequently sprayed till they get hold of the soil. After that they want the broadest and purest sunshine that warms this little sphere. A new theory is that it is not the sun that warms our earth, but radium; don't believe it!



Tree Peony Queen Elizabeth.

Adiantum Croweanum.

Very shortly that most excellent of adiantums, Croweanum, will be sent out. The writer has seen it growing at Mr. Crowe's place at Utica many times within the past seven or eight years and there it is truly wonderful. There is a gentleman in Washington, D. C., who thinks

he has the same thing and had it first. He is mistaken, as we have a few plants of Croweanum and his fern side by side and they are entirely distinct. Unlike A. cuneatum and A. concinnum, whose spores germinate so freely, this fern has no fertile spores and propagation must be entirely by division. Now I wish to say that the little that follows about the culture of this splendid fern is not at the request or even permission of Mr. Crowe or Mr. Kasting, who is sending it out, yet I can scarcely think that either of these young men will object to any hint that will help toward your success in growing it.

How Mr. Crowe Does It.

If you have grown A. cuneatum really well, then you will grow Croweanum, and it is immensely superior in all desirable qualities. If you have made a poor attempt at growing cuneatum you will also fail with Croweanum and many a florist will buy it, starve it and then declaim that he "don't see nothin' in it." Here is what can be observed at Mr. Crowe's. The fern is grown on raised wooden benches in five or six inches of soil. In some of the houses there are two 1-inch steam pipes beneath the benches, but near the ground, and in some houses no pipes beneath the benches. Mr. Crowe thinks it is of no consequence whether the pipes are there or not, but by no means would he have many pipes, or any of them near the boards. The soil is just what he uses for his rose beds, a rotten sod from a rather heavy, yellow loam, with a fourth of animal manure. The night temperature is kept at about 60 degrees. The plants and the surface of the beds are dusted with air-slaked lime. So heavily is this put on that the crowns of the plants are white with it. This was first applied to keep the slugs away but now it is thought to be a fertilizer of considerable value.

All of the above is very simple and easy to copy, but now comes the all-important item, the one that has made Croweanum famous and produced those wonderful fronds. The benches are never watered with pure cold water, never; when they need water they get a soaking of warm liquid manure. By warm, I mean about 65 degrees. The ingredients of this liquid manure I can't tell you, for I never tasted it, but I have seen the immense tank in which it is brewed, then pumped up to a wooden tank and by gravity goes to any part of the houses. It is this warm liquid that makes these splendid fronds and without it I don't believe you can ever produce such wonderful results as can be seen in Utica. Use plenty of liquid manure, but no old Crow whiskey. William Scott.

CARNATIONS

GREEN APHIS.

I should like to know the best way to get rid of green aphis on pansies and carnations in the field; they are unusually bad this year. E. T.

You can use much the same methods to destroy the green aphis on your carnation and pansy plants in the field as you would use for them inside. Of course, you cannot fumigate outside, but you can dust the plants with tobacco or spray them with tobacco liquid. Put it on in the evening or early in the morning, especially the liquid, as it will burn the foliage if applied a little too strong when the sun is quite hot.

During the past few weeks we have had on trial some of the To-bak-ine products which are advertised in the Review, and I must say that they are the best things I have ever come across for aphis, thrips, spider and all such greenhouse pests. One form is ground about as fine as your wife grinds coffee and has a certain amount of nicotine added to make it of uniform strength. This is to be burned and for general fumigating this is very efficient and handy, as it burns slowly and will keep your house filled with the fumes most of the night, yet never dense enough with smoke to burn the most tender plants. Another form looks like blotting paper saturated with a solution of nicotine made of a certain strength. This is as effective as the other, but is preferable to it in some cases. It does not leave the least odor on the blooms and while a house is in full crop we would much prefer it to the other. Many growers who are obliged to cut blooms every day find it difficult to fumigate as often as desirable and always have their blooms free from the disagreeable burnt tobacco odor, but with this To-bak-ine paper you can fumigate in the evening and cut your blooms the next morning without any foreign odor. The third form is a liquid which is the best thing we have ever run across to fight thrips and red spider. When diluted to the proper proportions with water it is so nearly clear that it does not spot the half-open blooms nor burn them, although it is as strong as you dare use tobacco water. We find that two teaspoonfuls to a gallon of water will destroy every green or black aphis with one application. Thrips, of course, take several doses as you cannot reach them all with one or two applications. Of this last you should always have a case on hand as you sometimes need it quick.

I would recommend this to E. T. for his carnations in the field. It may take more than one application out of doors, as the odor will be carried away more, but it will do the work for him. For several years I have been looking for a remedy to be used against thrips, to recommend in my answers to inquiries. I wanted something which would do the work expeditiously without causing so much loss and annoyance to the grower as continual tobacco smoking invariably causes. I am truly glad to have found something which I feel sure will be a boon to the grower and especially those who have had trouble with this pest every spring, or perhaps all through each season. I think that a good spraying once each week during the winter will keep them down and perhaps two each week toward spring will keep your plants clean and prevent those white spotted and brown edged Lawson we see so much of after hot weather sets in. Try to use it as a preventive against thrips.

A. F. J. Baur.

NAME OF HARDY SHRUB.

Enclosed you will find a leaf and a spray of bloom of a hardy shrub for name. The bloom is white and fragrant. The spray we send you is in poor condition to send but is the best we can get at this time, as the shrub is through blooming, but it will show the shape of the blooms. T. & C.

As near as we can tell from the sample leaf and flower forwarded, the shrub is the white fringe, Chionanthus Virginica. This is one of our most beautiful, strong growing shrubs in Massachusetts. It usually blooms about the middle of June and its charming, fringe-like flowers in terminal panicles attract everyone's attention. W. N. Craig.

THE RETAIL FLORIST.....

ETIQUETTE OF THE BUSINESS.

Messages With Flowers.

Perhaps the first thing we think about under this title is the how and why and where of the card. How much or how little of a message, if any at all, is permissible on the visiting card which accompanies flowers? Many people do not appreciate the fact that the sending of flowers itself is an expression of sympathy, or congratulation, as the case may be. The arrangement, selection and quality of flowers should be a sufficient expression of sentiment, but customers will often ask you what inscription they shall use on a card.

"Compliments" or "congratulations" are too commonplace terms, except when you are requested to write the former on a card to accompany a funeral design! For floral offerings for any occasion the most simple and chaste style is the visiting card with the name only. For ladies, the medium sized, nearly square card is the approved size, and for gentlemen a smaller, narrow card. Where a personal message is sent, the card should always be enclosed in an envelope and sealed.

The personal visiting card is to be preferred to a card written for the occa-

sion. Therefore, it is a good plan to have a box with indexed envelopes containing a little bunch of customers' engraved cards. Watch the supply, and when it is exhausted, let your customer know in time so that you will be able to fill her orders on a moment's notice, card and all. Be careful about placing a card written in ink in a box where it can be spattered with water from the flowers, and blotted beyond legibility.

The writing of the card and the style of delivery is indicative of the character of the firm. Flowers of very ordinary quality well packed count for more than fine quality delivered in a slovenly fashion. Don't sprinkle all boxes of flowers. I lately saw a bride's hand bouquet liberally sprinkled and delivered immediately. It would take an hour to dry before it could be used. Speaking of brides' bouquets, it is a courtesy to see that all the thorns are removed.

Be on time to the minute. Don't promise delivery at too early hours, but make your time at all hazards. If you once establish confidence in this way, you can ever afterwards dictate your own time.

Don't Attach the Cards.

As to tying on cards. This is practiced too often, especially at funerals. It is nobody's business but the family's who sends these particular offerings. Even if the cards are tied on, they should be removed immediately upon delivery. Someone at the house should take off the card and write upon the back a short description of the offering which this card accompanied, written acknowledgment of which should follow within a few days. Tie on cards only when it is necessary to prevent their being lost.

At every large funeral there should be a florist in charge of the flowers; his presence there is necessary for the best care and arrangement of the flowers. Recently here we had an instance of how two or three society ladies made havoc of a fine display of flowers on just such an occasion. Thousands of flowers were destroyed by unskillful handling. It was an outdoor funeral, and before the flowers could be packed and transported, many of the finest clusters were crushed beneath passing trains, not of Pullman cars, but of silk and lace.

In Decorative Work.

In residence decorative work there are many little courtesies which the florist will do well to observe. In the first place do as much of the work beforehand as possible. Have pots and tools clean, so as not to soil the floors and carpets. Don't scatter things about, and help to clean up after you are done. Finish one room first before leaving. Have a large sheet to protect the floor from being scratched and littered. Coming in as we do at the last moment, we necessarily make considerable disturbance, but we can reduce the annoyance to the minimum by having the work well planned and proceeding immediately to its execution. Little extras will often be asked of you at the last minute. Comply, if possible, even at your own inconvenience.

On the other side of the question, insist on your own rights; hold your own with the caterer; resist indirectly attempts on the part of the caterer to take contracts for the whole thing, decorating and all; give him to understand that your business is an art, and he has no more right to interfere with you than you have to usurp his business; let him know in time when you want the tables ready, and proceed to take possession. Measure off the space that you require on the table, and some more, but we'll consider this at some future time. GERTRUDE BLAIR.



Cattleya Mossiae Flowered by Julius Roehrs.

CATTLEYA MOSSIAE.

The blooming of Cattleya Mossiæ is always awaited with impatience, for it is the orchid upon which dependence is placed for cut blooms at the season of spring weddings; besides, none of the family excel it in richness of coloring, in form or in profusion of bloom. The plant illustrated was one of this season's importations by Julius Roehrs, Rutherford, N. J., and photographed April 30.

APHIDES OR PLANT LICE.

"Nearly all plants, in garden and field, and under glass, suffer from the ravages of aphides, known by a great variety of names, such as green and black fly, smotherers, and dolphins, while the disease they produce is sometimes termed 'blight.'

"They belong to a group of insects called hemiptera, which are provided with a mouth used for sucking and capable of piercing the structures of plants, upon the sap of which they feed. They undergo what is termed an incomplete metamorphosis, that is, there is no quiescent chrysalis (pupal) stage, and they feed throughout their whole existence.

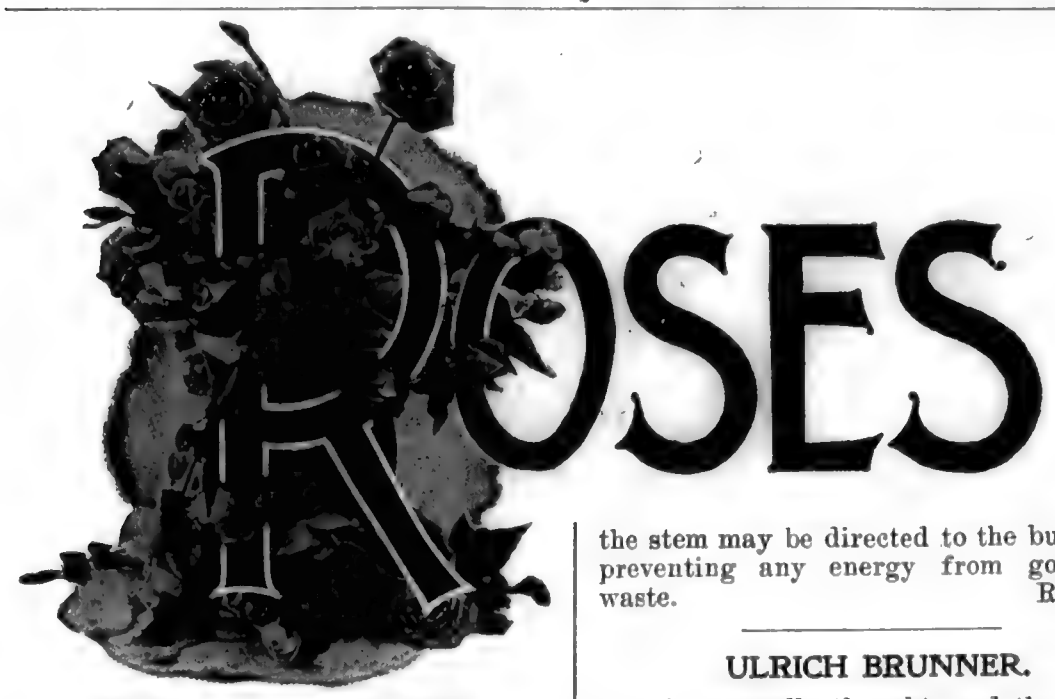
"They damage plants in a two-fold manner, first by sucking out the sap, and so weakening the vitality of the plant, and secondly by stopping the respiration of the plant by blocking up the stomata (or breathing pores) of the leaves with their excreta. This excreta is not only of the ordinary kind, but also consists of a sweet gummy substance called 'honey-dew.' A few aphides, such as the woolly aphis produce no honey-dew. The skin of the plant-lice is provided with numerous glands which secrete either a waxy substance that covers the skin (rose aphis, bean aphis, etc.) or dense woolly masses (beech aphis, woolly aphis, etc.). In both cases the excreted substances have the power of throwing off water and so of keeping the insects dry.

"The reproduction in aphides is very rapid. They not only breed in the ordinary way, but they can also breed without any males being present. The effect of weather on aphides is very great. Dry hot and sultry weather is favorable to them; the same conditions check the growth of the plant, and so the plant-lice soon overcome it. An excessive quantity of manure, especially nitrogenous manure, also predisposes the plant to aphis attack.

"Aphides can easily be destroyed by spraying the affected plants with a soft soap wash. This is made by dissolving from six to ten pounds of soft soap in 100 gallons of soft water. The soft soap blocks up the breathing pores of the plant-lice, and so kills them. Quassia is sometimes added; this acts as an astringent to the leafage, and cleans it of the honey-dew and excreta formed by the aphides. For black-fly on cherry, and for all those that produce a copious flow of honey-dew, it is a most useful ingredient. The quassia chips are boiled and the extract added to the soft soap wash; six to eight pounds of chips are required to every 100 gallons of wash. Paraffin emulsion is necessary for some kinds, as woolly aphis, which may also be attacked in winter by caustic alkali wash. For those which attack the root it is best to use bisulphide of carbon injected into the soil, a quarter of an ounce to every four square yards. Care must be taken with this substance, which is both poisonous and inflammable. The vapor of bisulphide of carbon liquid, used in the bee-

keepers' 'smoker,' is said to be a very good remedy for green-fly, and does not injure the most delicate flowers.

"In all cases the aphides must be attacked as soon as an invasion shows itself, especially when the species of aphis has the habit, like the plum aphis, of curling up the leaves and so protecting itself."



SULPHUR FOR MILDEW.

During the summer season, when firing has to be abandoned and climatic conditions are liable to sudden fluctuations, it is almost a certainty that mildew will put in an appearance and as a severe dose of this parasite has a most debilitating effect on young stock it ought to be carefully guarded against and checked in its incipient stages.

While leaves and wood are young and tender it spreads with alarming rapidity, sapping the juices and closing the breathing pores, retarding and weakening the growth and if not checked causing entire ruin. So long as firing can be resorted to painting the pipes with the sulphur mixture will suffice, but when the weather becomes too hot for this, dusting the foliage with flowers of sulphur is the easiest applied and most effective remedy.

In order to get the full benefit of this treatment the operation should be performed during bright sunshine and the ventilators should be closed for a short time even though the temperature should approach the 100° mark, as this helps to release the fumes. The best distributor that I know of for this purpose is the Peerless blower, made by McMorran & Co., Chicago, being speedy and while using less sulphur than the older class of distributors, gives each leaf its full quota of the powder. As a safeguard this should be applied at least once a week until firing has to be resumed.

Feeding Old Plants.

Houses which are being carried over for another year's work should now receive liberal feeding, both in the form of mulch and liquid, so that during the hot weather they may not suffer. The mulch will also help to keep the roots cool and active and prevent in a measure the deterioration of bloom consequent to the hot season.

By keeping these old plants well fed during the summer the quality of wood and eyes for the winter crop will be greatly improved and the increased vigor and general healthfulness of the plants will manifest itself during the whole season.

To help keep up the size of bloom on these plants the lateral shoots should be removed before they are allowed to become strong, so that all the strength of the stem may be directed to the bud, thus preventing any energy from going to waste. Ribes.

ULRICH BRUNNER.

It is generally thought, and the quotation of only half a dozen different roses in the market reports in the trade papers seems to affirm it, that no other roses but those are largely grown. But take the hybrid perpetual rose, Ulrich Brunner, of which hardly ever is mention made in the market reports, and still there is a large establishment in Orange county, New York, which from Christmas on to Fourth of July sends every morning many hundred blooms of this grand rose to the New York markets, where they are sold along with the popular rose, American Beauty, on equal terms.

The Ulrich Brunner rose is a seedling of Paul Neyron. The color is a deep cherry red and the habit of growth is robust, throwing out long canes. It is very little subject to mildew, not at all to black spot. The foliage is dark, glossy green and if well grown and properly treated the same plants can be grown for many years, only taking care to replace with fresh stock every season such plants as have become weak.

The Ulrich Brunner gives two crops and is, perhaps, among the hybrid perpetuals, the best of the remontants. If budded on Manetti they can be dried in August, pruned in October and brought to market in January, but not so if grafted on Rosa canina. It is then necessary, in order to get best results, to freeze them, which can hardly be properly done before Christmas, and this will retard the bloom until Easter, when prices for all roses have dropped fifty per cent compared with January.

It is, therefore, very important that the grower of Ulrich Brunner should see, as a first condition of success, that every plant should be budded or grafted on Manetti. The next is to give them plenty of room on the benches; eighteen inches apart one way and fifteen inches the other way is probably the best. Then the plants can develop good, healthy wood and are apt to throw out from three to five stout canes, which will give as many "extras" and "specials" in the cutting season. The second crop can be expected from April on and is often in quantity of bloom larger than the first.

It is the practice of some to put the Brunners on the benches where chrysanthemums have been taken off, and no doubt the result can be made profitable in this way, but the taking in of two large crops of Brunners must be more profitable than one of chrysanthemums and only one late crop of Brunners. With regard to procuring first-class stock, England and Ireland have until lately given the best budded Manetti stocks, but there are some domestic growers who now equal them and among them the Storrs & Harrison Co., in Painesville, Ohio, are at the head. Otto Andreae.

PEONIES IN MISSOURI.

A large part of the early peonies in the Chicago and St. Louis markets come from the vicinity of Sarcoxie, Mo. Gilbert H. Wild is one of the leading growers in that vicinity and the accompanying illustration gives some idea of the extent and character of his fields. These are white varieties and 30,000 flowers had been cut and shipped before the photograph was taken. This was the third spring from planting for this field.



NEW VARIETIES.

[A paper by Charles H. Totty, of Madison, N. J., read before a recent meeting of the Morris County, N. J., Gardeners' and Florists' Society.]

In these few remarks I do not propose to touch on culture to any extent, but to enumerate some of the newest varieties, their place in the exhibition scale, and their peculiarities.

The seedlings raised in Australia and imported here by our enterprising growers have transformed the face of our exhibitions in the past year or two, and from present indications this is likely to continue. Two years ago, when Mrs. E. Thirkell, Lord Salisbury, W. R. Church and others flashed across our view, it needed no second glance to assure us that here we had new material and new blood with great possibilities and the trail was followed up eagerly. Last fall brought out quite a procession of new ones that created a wild sensation among chrysanthemum growers at the C. S. A. show in New York, and it is these varieties that we will deal with more particularly to-night.

The variety of the year was William Duckham and as a Japanese incurved it will hold its own for years in its color. It is the largest pink I know of and is ideal in every way, growth, foliage and habit being as near perfect as it is possible to be. In naming such a variety after our worthy fellow member, Mr. Duckham, the introducer indirectly paid this society and its membership a great compliment. It showed that he

had heard something about the quality of the flowers raised in this section, which is, I honestly believe, second to none in the world.

Two other pinks appear in the Wells-Pockett set for this year, namely Leila Filkins and F. A. Cobbold, but unfortunately for them they are somewhat overshadowed by W. Duckham and probably will not be so extensively grown on that account, though either one in an ordinary year would be largely advertised and brought to the notice of the public. It is worthy of note that these three pinks produce just as good colored flowers from a crown bud as from a later one, which used not to be the case with pink varieties, so many of the older varieties needing to be taken on a later bud to get the best color.

In the crimson section great advances have been made in giving us varieties that will not burn up in the sun. This class has been very unsatisfactory for years on that account, as no grower was willing to spend time and money growing crimsons and not be able to get a satisfactory flower. H. J. Jones was the first red to give satisfaction in regard to standing sunlight, and now we have lots of them.

Maynell and S. T. Wright are the Wells' novelties, and very fine they are. Henry Barnes is darker, but one of the most telling colors set up among whites and yellows in the small-vase classes. Maynell would be more to my liking if it did not incurve so much, as this incurving habit hides the wonderful crimson coloring somewhat. In common with both Henry Barnes and S. T. Wright, it is recommended not to shade Maynell, as the full sunlight tends to make the petals reflex instead of incurve. This advice should, however, I think, not be taken too literally, our American climate being very different to the English one. You will all remember the spell of hot weather we had at the end of October last year, when not only reds, but all varieties, white and yellow included, burned badly where not shaded.

Mrs. F. W. Vallis, a variety raised, I believe, by Silsbury in the Isle of Wight, will be a grand addition to the crimsons, if it lives up to its possibilities. It is a Japanese and its long, drooping petals as they unfold from day to day show some exquisite coloring.

In what may be termed the unclassified colors there are several varieties that are very fine indeed. Miss Mildred Ware is, perhaps, the largest. In size and shape it may be compared to Mme. Carnot, of which it is a seedling, and in color much like Lady Anglesey. It exhibits some tendency to leaf spot in the small stages, but it is naturally a robust variety and grows out of this as the plant gathers strength.

Mary Inglis is another variety that is somewhat on the same color, shading off a little to terra cotta. There is a great demand for this variety, and this demand cannot be supplied in full for some years, for Inglis is the slowest variety in producing stock that I ever handled. It is a fine grower when started, but it simply will not produce suckers from the soil in the usual manner.

General Hutton is a variety that just missed being a grand yellow by being shaded somewhat with red. If we could eliminate that red streak we would have a peerless variety, for the yellow is



A Field of Peonies of Gilbert H. Wild, Sarcoxie, Mo.

deeper than the yellow in the famous old Golden Wedding and it is a grand grower and keeper. As it is, it loses in color if set in a class calling for yellows when competing against clean self colors, such as Col. Appleton or Mrs. Thirkell. Two other varieties that show this yellow and red combination are Donald McLeod and Harrison Dick, both ideal growers and easy to handle. While they cannot be set up in a class calling for a yellow, they are very valuable in such classes as the six sixes or in setting up a collection.

We have hitherto run altogether too much to the three colors, white, yellow and pink, in our exhibitions, and this produced a sameness that became monotonous, but now with classes that permit of staging these novel colors the general color scheme is diversified and much more interesting, and the fickle public, ever craving for something new, finds lots to interest it.

There is but one sport being distributed this year, namely, Cheltoni, the yellow sport from Nellie Pockett. The demand for this variety is far ahead of the visible supply, Nellie Pockett being so well known and liked. Next year there may possibly be several sports in the market, one a white sport from the pink Mrs. Coombes, and a bronze sport from that grand variety, Mrs. Thirkell.

We are running shy on good exhibition whites at present, and no new one is being distributed this year. Ben Wells, while it may do for a white, has a tinge of pink in it that detracts somewhat from its general appearance, although Ben Wells is well worth growing by everyone. We want a white with the purity of the old Niveus, the size of Mme. Carnot, or larger, and the constitution of W. Duckham. A white combining these qualities will have a phenomenal sale.

There is a new star rising on the chrysanthemum horizon in the person of a certain French amateur, who, it is claimed, has raised some grand new seedlings which will appear in due season. I hope it may be true, though very many of the French varieties, for some reason or other, do not do well here. Out of the thousands of French varieties imported in recent years the old Mme. Carnot is about the only one that has stayed with us long enough to get acquainted, and even Carnot has to be very carefully handled to keep it in good health.

The chrysanthemum to-day may be said to be once more on the top of the wave of popularity the world over. The bread and butter florist says there is no money in growing them for market, and certainly prices last fall were very poor, but that depression spread through every line of cut flowers, as well as the mum, and the grower himself, I think, has been largely responsible for the decline in prices by throwing on the market a vast quantity of absolute rubbish, which can hardly be sold at any price.

But the number of exhibitions and exhibitors is increasing by leaps and bounds, and new varieties are eagerly snapped up by these enthusiasts, who guard their treasures as a miser guards his gold. I have been accused of sleeping in the mum house when the plants were in flower, and while I deny that allegation, and defy that allegator, I will say this, that when a man gets a good attack of chrysanthemumitis, be he rich or poor, it will stay with him till he passes to the great beyond, recurring every fall as regularly as the year rolls round.

One runs across a man every once in a while who will tell you that though the varieties change there is no real progress in the chrysanthemum. Such a man does not follow the exhibitions or he would know better. Think over for yourself the exhibitions held by your own society in the past five years and see if we have not made progress, and what is true here is true the world over. Only a year or two ago the trade papers were gravely discussing the question of making classes separate for Timothy Eaton and Colonel Appleton. Last fall many varieties were set up that easily beat either of them in size and finish, and in another year or so they will drop peacefully out of sight, left behind and forgotten, and we shall be worshiping at the feet of some new idol that has been born in some far away corner of

the earth. We may safely predict that the interest in the chrysanthemum will never wane so long as new and striking forms continue to delight us from year to year.

IN THE ROSE TOWN.

The accompanying illustrations give some idea of the extent of glass and character of the stock this season at the South Park Floral Co., New Castle, Ind., the photographs being taken recently. The main range shown is that of the Heller Brothers, the two houses in the foreground being those of William Dittman, formerly foreman for his neighbors and now growing Beauties for his own account, shipping his output to J. A. Budlong, Chicago. Since these photographs were taken Heller Bros. have begun a new range at the left of the picture, including several houses of the same size as those shown and one house 48x275, with six benches, with a capacity of about 8,000 teas. The firm will grow several houses of carnations this year although for several seasons the place has been entirely in roses. The new glass will allow them about the usual planting of Beauties, with an increase in the teas and space for the carnations. They are now selling most of their cut direct from the greenhouses.

COVENT GARDEN MARKET.

Following are brief notes by A. Hemsley on trade conditions this spring in Covent Garden Market, London, England:

Bedding plant trade was very good, most things making good prices, but small stuff in boxes was much overdone.

Ivy-leaved pelargoniums (geraniums) have been very abundant; the three leading sorts are Mme. Crouse, Chas. Turner and Galilee, some of the latter being a mass of bright pink bloom.

Lilium longiflorum, cut, has lately much exceeded the demand and prices have been very low.

Bunches of short fronds of Asparagus plumosus nanus are now much used and those who grow it well must find it a profitable crop.

Even now a few salemen keep to trade buyers only but since supplies have so increased many make no distinction and at holiday times the market is full of private buyers.

There is always a demand for well flowered lobelias.

Chrysanthemum segetum is now much used in place of the yellow marguerite.

Polygala oppositifolia is not an ordinary market plant but it is found that florists like it on account of its color.

Nephrolepis Westoni makes a grand plant and should prove a useful addition to market ferns.

Some of the finest roses seen this season were Mme. Chatenay cut with long stems.

The best spireas seen are of the variety S. astilboides floribunda.

Hartford, Conn.—Christy Bros. have gone out of business.

Belleville, Ill.—E. W. Guy wants to see the Improvement Association revived. It did a great deal of good last year.

Lebanon, Pa.—J. W. Fox, who has been spending several months here, has gone to Atlantic City to devote the summer to his flower store there.



A House of Beauties at Heller Bros'., New Castle, Ind.

Vegetable Forcing.

Fancy cucumbers hold firm in the New York market, despite very large receipts of medium and low grades from the south.

LETTUCE IN SMALL TOWN.

I am located in a small city some distance from a market and where there is no regular supply of winter vegetables. I think I could sell quite a little lettuce if I could grow it on a bench in a house of miscellaneous plants. Can it be done? What temperature does lettuce require? What kind of soil? When composted? When should lettuce be sown for the first winter crop? How far apart should Grand Rapids be planted? How long should it take to mature? F. R.

It is hardly practicable to grow lettuce in a house along with miscellaneous plants as the temperature required for lettuce is too low for such stock. A night temperature of from 40 to 45 degrees is about right for lettuce. Lettuce requires a moderately enriched soil, not too stiff. If not already done the present would be a good time for composting the material. Good sod soil should be procured and composted with well rotted barn manure in the proportion of about five loads of soil to one of manure, but it is very important that the manure be well rotted, as lettuce does not take kindly to it if it is in any way fresh. We make the first sowing for early winter use about August 20, but this crop we count on maturing in cold frames. With covering after the nights get cold we seldom fail to reap good results from this crop and can usually depend on it for our supply up to about Christmas. We make the first sowing for greenhouse work about the middle of September. This matures in time to succeed those grown in the frames. About three months is usually necessary for the crop to mature from time of sowing. About eight inches each way is necessary as space to develop good large heads of Grand Rapids. W. S. Croydon.

ASPARAGUS UNDER GLASS.

Will you kindly give me information in regard to asparagus culture under glass? Is it possible to grow it under the benches or must it have the full sunlight? What are the best varieties for forcing? What age must the roots have to produce a crop this coming winter? How close can the roots be planted and what temperature should it be grown in? J. L. D.

It is possible to grow asparagus under greenhouse benches; in fact, it is very commonly grown under such conditions. Sunshine is not necessary to the development of the growth but when forced entirely dark it will, of course, be all white. Sufficient light should therefore be given to have at least the tips green. Regarding variety, the larger growers, such as Palmetto and Colossal, are the most profitable to force. Roots should not be less than three years old, under ordinary conditions, but this depends entirely on the conditions under which it is grown. Under very favorable circumstances strong crowns can be produced in two years and the strength of the crown is the deciding point more than the age of



Establishment of the Heller Bros., South Park Floral Co., New Castle, Ind.
The two houses in the for ground are those of Wm. Dittman, formerly foreman for Heller Bros.

it. The crowns can be set as close together as the roots will allow but of course must not be crowded on top of one another.

If you are going into the asparagus forcing business it will pay you to grow your own roots for one season, at least, before forcing. They can then be placed in the forcing quarters in a much fresher condition than if they have to be shipped from a distance. In lifting the crowns from the home grounds part of the soil will naturally adhere and there is no danger of drying up of the roots. Under these conditions it would not be necessary to put any material under them providing the floor is of soil or sand, but the clumps can be set on the floor just as close as they will stand. A covering over the crowns of about three inches of some loose, free material, such as leaf-mold, will be all that is necessary. If leaf-mold is not convenient, sand can be used but a stiff retentive soil should be avoided.

Forcing will be considerably facilitated by exposing to slight frost before taking inside. In the month of December, when lifting our first batch, we usually throw the clumps on the surface of the ground and leave them there until they get about 10 degrees of frost; a little more won't hurt them, but this is sufficient to make them easier started. All the roots necessary for keeping up the winter's supply should be lifted before the ground freezes too hard and stored in a cool cellar till wanted.

When the roots have been procured from a distance and have been shaken bare of soil it will be necessary to make a bed of about three inches of some material, such as recommended for covering, to lay the roots on, covering as before recommended. A temperature of 65 degrees at night will bring them along to be fit to cut in about three weeks from the time they are put in. They can be forced in a lower temperature but growth will, of course, be slower. It is not profitable to keep the roots over after forcing, it being better to throw them away and procure others for another season.

W. S. CROYDON.

PIQUA, O.—A miniature cyclone passed over H. P. Smith's greenhouses June 13, breaking some glass.

INDOOR GRAPERIES.

At first sight it seems somewhat strange that grapes are not more extensively grown indoors in this country, seeing that they can be done equally as well here as in Europe and that tons of grapes are annually imported to supply the demand in our larger cities, good fruit always commanding a good price and ready sale.

I think that the principal reason why grapes are not more extensively grown here is the expense incurred in building the houses and establishing the vines and having to wait so long for returns. When a florist starts he usually does so with small capital and, as it is a case of trying to make ends meet as soon as possible, he chooses a crop that will bring quick returns. With graperies one year must elapse before any returns can be had and even then but two or three bunches can be had from each vine, even where two-year-old canes have been planted. It is at least four years before a full crop can be had, so it stands to reason that it would not pay the beginner to build graperies. Some may say, "but why not the established grower?" The reason here is that the established grower has a business already made and no doubt his idea is to leave well enough alone in place of risking the trying of experiments. And when he builds more houses it is simply to keep step with his increasing trade along the lines already established.

But the question arises, would it pay in the end? I am rather inclined to think that it would. The fact of their having to be imported shows that there is a demand for the product. And having the advantage of a warmer climate here, less fire heat being necessary, allowing for more expensive labor, they can be grown as cheaply here as in Europe, ought to reach the markets in better condition and ought to command equal if not better prices.

In building the houses the idea of a cheap structure need not be entertained, as grape vines once established, borders well made and general conditions favorable, they ought to last and continue to give good crops for from sixteen to twenty years. They will continue to bear much longer than this, but as the vine ages the bunches get smaller and small bunches don't command the top market price.

In the construction of the house it must first be decided whether the border is to be all indoors or if an outdoor border is also to be allowed. In the latter case the foundation must consist of a series of arches to allow the roots freedom to gain the out side border. Much diversity of opinion exists regarding the utility of an outside border, some claiming that it is an advantage and others that it is unnecessary, but I believe that both theories are right under certain conditions. For an early house, one that has to be forced during the winter months, it is better to have the border all inside, as the difference in the temperature of the soil outdoors from that inside is too extreme. But with a late house, the outdoor and indoor temperatures being about equal, I believe that the outdoor border is of advantage. In an early house the grapes are usually cut as soon as ripe, as the earlier they can be got into the market the better the price procured; hence there is no necessity of hanging them on any length of time after they are ripe, but with the late house the case is different. The idea here is to keep them as late as possible, and as the atmosphere of the house has to be kept as dry as possible after ripening, where an outdoor border is provided the moisture procured from it prevents the fruit from shriveling.

In either case a brick foundation is the best and cheapest in the end. This must be built well down as the soil must be excavated to a depth of about four feet to allow space for ample drainage and sufficient depth of border. A span roofed house running north and south is the most suitable construction for a grapery, as it allows equal light to the vines on both sides of the house. The house may be built of any desired length, but the most suitable width is about twenty-two feet. About fourteen feet from the floor to ridge is a convenient height. The brick foundation should rise about one foot above the level of the soil and to allow of good bottom ventilation the upright sides should not be less than two and one-half feet from

the sill. Ample top ventilation should also be provided on both sides. This allows of a free circulation of air during calm weather and during windy weather cold draughts can be avoided by putting air on the sheltered side only.

W. S. CROYDON.

PHILADELPHIA.

The Market.

The market is dull this week, though there is about as much business as usual toward the end of June. The commencements are over and most of the weddings, the few left for the present week consuming a fair amount of stock.

Kaiserins are in crop and, with Beauties, form the rose mainstays. Sweet peas are awfully plentiful and cheap. The knowing ones now pull out all their vines but a few rows and care for those. Valley is in fair demand, though it does not always clean up. Peonies have lasted over this week, thanks chiefly to Elmer Gealiring and his cold storage enterprise. Smilax has taken a bad tumble and can be bought at one-half the price of a week ago. There are many pretty outdoor flowers in. They add variety but do not, as a rule, yield much revenue. Last, but by no means least, carnations are of better average quality; that is, the poorer ones are disappearing, making the supply smaller. They are only in fair demand.

A New Charter.

Last Tuesday notice was given in the daily papers that application would be made for a charter under the laws of the state of Pennsylvania for the Leo Niessen Co., wholesale florists, 1217 Arch street, Philadelphia. The officers of the company will be Leo Niessen, president; W. E. McKissick, vice-president, and Arthur A. Niessen, secretary and treasurer. The capital will be $20,000 full paid. The business was started in 1895 by Leo Niessen, on Thirteenth street above Market. After two years he moved to Juniper street above Market. Two years later he moved to the northwest corner of Thirteenth and Filbert streets, where the business was carried on for the next three and a half years in much larger quarters. Here Mr. Niessen was joined by his brother, Arthur A. Niessen and by William E. McKissick. Fifteen months ago the business was removed to the present handsome quarters at 1217 Arch street. The wisdom of this step has been shown by the gratifying increase in business during the past year. Mr. Niessen has been considering the present step for fully two years. He and his associates have the best wishes of their many business friends.

Roses.

The weekly articles of "Ribes" published in the REVIEW are recognized by our rose growers as the best notes of the day on rose culture. His knowledge, frankness and clearness are admitted on all sides and to him both beginners and masters of the craft are indebted for many valuable suggestions.

His article last week on the folly of delaying the replanting American Beauty roses beyond the month of June is of great interest. In this "Ribes" voices the opinion of our leading Beauty growers. There is, however, a feeling against this hitherto accepted rule. One of our very best and largest Beauty growers believes in late propagation and often plants quite as many houses in July as in June. These late houses are frequently planted out of 2x3-inch pots just starting into growth, the idea being to secure plants that have never had the semblance of a check. Experience has shown that these houses paid better in many cases than those planted earlier with fine plants from larger pots. Local conditions largely govern these results. "Ribes" considered the hot summer of our central states and understood his market. Here on the eastern seaboard our heat of summer is apt to be tempered, while the Beauty market is poor until very late in the fall. Some growers plant Beauties just for a fall crop, following with something else. Then, too, the surplus of every variety of flower during part of the fall has its effect on the price of Beauties, so that the houses cut from early often get a very poor start in dollars and cents over those planted later. I give these facts not to dispute the truth of what "Ribes" says, for I think he is right in the main, but because the demand for good Beauties in early summer should be met; we are too apt to get into a rut.

NOTE

The Editor is pleased when a Reader presents his ideas on any subject treated in the REVIEW. As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

Notes.

The return game of baseball between the nines representing the Flower Market and Robert Craig & Son will be played at Myers & Santman's, Wyndmoor Station, Pennsylvania Railroad, on Saturday, June 25, at 3 p. m. Both sides are confident and a good game is expected. Jump on the train and cheer your nine.

M. Rice & Co. are busily engaged receiving and storing their new importations. Many pretty novelties are promised.

H. Bayersdorfer & Co. have a dainty little daisy basket in their show case. The new office is complete now and looks well. Further improvements will be made before any new stock arrives, very soon, it is thought.

Charles E. Meehan spent a couple of days this week at Ocean City with his family, enjoying a well earned breath of salt air.

S. S. Skidelsky, who is one of the best informed men in the business, says that the active spring has in some measure made up for this hard winter with the florists throughout the country.

C. F. Edgar & Co. have samples of their new cornucopia flower holder. It will save time in wrapping and promises well.

Edward Reid has had some good valley orders lately.

Joseph Heacock has been shipping palms in large numbers.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to "Phil," in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

No. 16. What is the best disposition to make of the room under the benches in a greenhouse? Can bulbs such as tulips, French hyacinths and Paper White narcissi, be grown there to advantage?

The best growers do not as a rule utilize the space under the benches for growing plants or bulbs. Bulbs, mushrooms and even chickens have been successfully raised there. The danger lies in damaging the stock underneath through water or bruising and in the accumulations of dirt.

No. 17. What are the average returns and the average expenses for wages on a greenhouse plant of from 10,000 to 50,000 square feet of glass?

An extremely difficult question, the answer depending much on the season, the kind of stock grown and the ability and liberality of the grower. During the past, a poor season, one place of 50,000 square feet earned 40 cents a square foot, which is decidedly above the average. I doubt whether the average would reach 35 cents a square foot of ground space covered. Regarding labor, one man can properly care for from 5,000 to 6,000 square feet of space, exclusive of firing.

PHIL.

ST. LOUIS.

The Market.

The past week was a busy one for our florists, with work for school commencements and weddings. There seemed to be plenty of stock at the wholesale houses, still the market fluctuated greatly as to supplies, one day plenty of fancy stock, the next hardly any. At the present writing there is plenty of stock in the market for all demands in the first grades; fancy is somewhat limited. Now that school work is over and only a few weddings left for this month, the social work is about ended for the season. Today (Monday) we find the market in good supply in roses. American Beauties of the fancy grades still go for $2 to $3 per dozen. Some fairly good Beauties can be bought for $1.50 per dozen, with shorts at 75 cents. Small tea roses in Brides, Maids, Jacqs and Liberty demand the same price as a week ago, $5 and $6 per 100 for the best, poor stock as low as $1 per 100. Sweet peas are plentiful, white and lavender selling the best; 50 cents per 100 is asked and in 1,000 lots they are much cheaper. The bulk of the carnations that are coming in are of very poor quality. The demand for fancy stock is big. These sell clean, but common stock is often dumped. Candidum lilies are seen everywhere in the florists' windows. Plenty of peonies are still to be had at $2 and $3 per 100.

Planting out is about over and the

growers are again breathing easy. All report about the same, the best season we ever had and about sold out of everything good.

Various Notes.

The American Seed Trade Association will open the twenty-second annual convention tomorrow (Tuesday). Mr. Schisler, of Schisler-Corneli Seed Co., has charge of the local committee on entertainment. A large attendance of seedsmen is expected. The meeting will take place at the Forest Park University Hotel, near the World's Fair grounds. C. E. Kendel, of Cleveland, Ohio, is already here and S. F. Willard, the president, is expected in the morning, also Chas. McCullough, vice-president. The entertainment will consist of a boat ride, a visit to Shaw's Garden and a day at the World's Fair. The local committee, consisting of Messrs. Schisler, Plant, Prunty and Bushnell, has all arrangements completed to entertain the visitors.

The exhibition of peonies in the Horticulture building from May 28 to June 7 was large and fine. The following firms made exhibitions: Chicago Carnation Co., Joliet, Ill.; J. F. Rosenfield, West Point, Neb.; Charlton Nursery Co., Rochester, N. Y.; C. W. Ward, Queens, N. Y., and G. & M. Wild, of Sarcoxie, Mo. There were nine classes, all of which were competed for.

C. Young & Sons Co., Wm. Schray & Sons, Michel Plant and Bulb Co., and Shaw's Garden are the local exhibitors in the Horticulture building, all making splendid exhibits.

Recent visitors in the trade were A. Dietsch, Chicago; J. H. McFarland, Harrisburg, Pa.; Thos. B. Meehan, Philadelphia, and H. P. Kelsey, Boston.

Henry C. Ostertag, of Ostertag Bros. contemplates building a fine conservatory and store at the corner of Washington and Taylor avenues, to cost $8,000. The plans are being made by Mr. Thompson. J. F. Windt, at 901 Bayard avenue, is building a show house at his place to cost $3,000. The work is also being done by Mr. Thompson.

Frank H. Weber will leave this week to attend the twenty-ninth annual meeting of the American Association of Nurserymen, which takes place at Atlanta, Ga., June 22 to 24. Mr. Weber is a vice-president of the association.

Carl Beyer, chairman of the bowling committee, has made arrangements with Martin Kern, who is the champion of the United States, for the use of his twelve alleys at Twenty-second and Franklin avenues for the bowling tournament of the S. A. F. in August. These are the finest alleys in the city, within easy reach of the convention hall. Mr. Kern has promised to do all in his power to make the stay of the florist bowlers at his alleys long to be remembered.

The lady bowlers have had several meetings of late and a program has been mapped out for the entertainment of the visiting ladies during their stay. Their bowling will take place on Wednesday morning at the same alleys where the men bowl that afternoon. Miss Tillie Meinhardt, Mrs. F. C. Weber, Mrs. Theo. Miller, Mrs. F. M. Ellis, Mrs. J. J. Beneke and Mrs. F. H. Meinhardt will have charge of the entertaining, assisted by the other ladies of the club.

C. A. Kuehn, superintendent of trade display, is already a very busy man perfecting plans as to the display, with applications for space coming in by every mail. Otto Koenig and F. M. Ellis are also busy with their duties. Messrs. Ammann, Beyer and Beneke are also working hard.

Among the week's visitors was Charles W. Riemers, Louisville, Ky.



Pansy Exhibit of Peter Brown, Lancaster, Pa., at St. Louis World's Fair.

Bowling.

Of the 115 games rolled by the Florists' Club since the Milwaukee contest, the first five are likely to be the teams that will represent St. Louis during the next convention:

Name—	Games.	Total.	Av.
J. J. Beneke	115	20,261	176
C. A. Kuehn	115	20,151	175
Carl Beyer	64	10,524	164
A. Y. Ellison	31	5,065	163
Theo. Miller	115	18,012	156
Wm. Adels	48	7,428	154
F. C. Weber	88	13,073	148
F. M. Ellis	108	15,489	142
F. H. Meinhardt	109	14,835	136
O. R. Beneke	93	13,555	135
Fred Weber, Jr.	65	8,364	128
Ed Gerlach	15	1,714	114

On Monday night Team No. 1 met the first defeat for a long time. The scores were as follows:

Team No. 1.	1st	2d	3d	T'l
Beneke	163	177	167	507
Miller	148	113	144	405
Weber	165	148	134	447
Gerlach	118	99	113	330
Totals	594	537	588	1,689

Team No. 2.	1st	2d	3d	T'l
Kuehn	147	176	161	484
Ellison	153	166	160	479
O. R. Beneke	177	136	173	486
Meinhardt	104	127	118	349
Totals	581	605	612	1,798

J. J. B.

PITTSBURG.

The Market.

Cut flower business is dead; the demand for stock is very light. June weddings all occurred the early part of the month, leaving nothing for the florists but funeral work and orders for commencements. There are not enough of these to create any special demand.

The quality of roses and carnations is somewhat better than at this time last year, and the quantity is so great that only the very best are sold, the balance reaching the dump. Many growers do not seem to consider the season; they ship and pay express charges on stock, which, from its appearance when it reaches the wholesalers, must have been worthless when packed. Peonies have been a drug on the market this season.

Various Notes.

H. P. Joslin shipped the Cut Flower Co. quantities of fine Spanish iris. This wholesale house had several large shipping orders for Beauties last week.

William Kroek reports a good demand for vegetable plants last week.

The Pittsburg Rose and Carnation Co. is still cutting very fair roses and carnations and promises a fine cut of Kaiserins a little later.

The date of the Florists' Club's picnic will be announced at the next meeting, Tuesday evening, July 5. The committee is arranging a very elaborate program. I am sure there will be "large doings."

The various civic clubs in our surrounding towns have been doing a good work by offering prizes for the best kept gardens and lawns, and in this way arouse much interest in plants and shrubbery, from which the florists and plantsmen are benefited. Wide-awake nurserymen are taking advantage of this and their agents are booking good orders for fall delivery.

Last Saturday the Bellevue Civic Improvement League gave its second annual flower show. Thousands of people witnessed the display, which was very large. This league issued a general invitation to all of the community to send flowers for exhibition. Besides these, a large collection of shrubbery was sent by Wm. H. Moon Co., of Morrisville, Pa., and Henry A. Dreer, Philadelphia. Local florists who exhibited were Fred Burki, B. L. Elliott, Geddis & Blind Brothers, John Bader, E. C. Ludwig, N. A. Blaney & Co., G. & J. W. Ludwig, H. P. Joslin, H. C. Frick, and the Schenley park conservatories. The influence of this society is very noticeable in the community; the lawns are well kept, front fences are removed and hedges planted in their place. J. W. Vickerman, of Bellevue, is secretary of the league. The craft congratulate him on his good work.

Hoo-Hoo.

BOSTON.

The Market.

There has been an overabundance of flowers in the market the past week and many were sold with difficulty at low rates. Roses are now coming in small and in some cases badly mildewed. Outdoor hybrids, such as Jacq., Luizet, Magna Charta and Brunner, are now abundant and of very fair quality. They sell well for weddings and school graduations. Carnations are becoming poor and druggy; sales of poor stock were reported at 25 cents per 100 last week. Fancy stock reaches $1.50 to $2. Peonies have been very abundant. A large call for weddings cleared them out fairly well. Prices on off colors were as low as $1 per 100, while as high as $8 was secured for very fine stock, from $2 to $5 being the average price. The present week will end the supply of these. Outdoor sweet peas are now coming in plentifully but are inferior to indoor stock as yet, stems being short. They clear out well. Water lilies are getting common. Iris Hispanica from outdoors is abundant and of fine quality. Such flowers as stocks, antirrhinum, sweet william and feverfew have been druggy, but the demand for school and children's day services in churches has helped to prevent a serious glut.

Various Notes.

The annual rose and strawberry show of the Massachusetts Horticultural Society opened on Tuesday and is an excellent one. Some of the leading exhibitors are Miss S. B. Fay, M. H. Walsh, Mrs. J. L. Gardner, Walter Hunnewell, E. J. Shaylor, T. C. Thurlow, George Hollis, Robert Cameron, the Arnold Arboretum, R. & J. Farquhar & Co. and Dr. C. S. Minot. Miss Fay is, as usual, the largest and most successful rose exhibitor. Strawberries, grapes, peaches and other fruits are of fine quality. A detailed report will appear in the next issue of the Review.

General regret is expressed at the serious accident which happened to E. Sutermeister a few days ago. Mr. Sutermeister was thrown from his delivery wagon and painfully injured, one leg being broken by the wheels which passed over him. His many friends at the wholesale market and elsewhere wish him a speedy recovery.

Recent visitors to Boston include C. A. V. Frith, the well known lily grower of Bermuda, and George A. Bishop, superintendent of the botanic gardens at Hamilton, Bermuda. Mr. Bishop is devoting much of his time to rectifying the lily disease. He says the chief cause of so many poor bulbs being shipped from the island in the past few years has been that the growers sold every good bulb they produced, in nearly every case retaining the very poorest stock to plant for themselves. He is succeeding in gradually changing this system and expects in time to be able to stamp out the disease.

R. & J. Farquhar & Co. have an especially fine and remarkably distinct new form of Lilium longiflorum, which they hope to be able to place on the market in the future. The trumpet of the flower is much longer than in any other form of longiflorum and the foliage very narrow, resembling that of Dracæna indivisa. John Farquhar discovered this variety growing wild on his last visit to Japan and thinks it is going to be a very valuable acquisition.

J. W. Manning, the well known landscape architect, was the essayist at the meeting of the Gardeners' and Florists' Club on June 21. The attendance was again remarkably good and everything points to a boom for the society next fall such as it has never before experienced.

A free flower show was held on June 18 and 19 in Andrew School, Oswego street, Boston, one of the poorest sections of the city. Large contributions of flowers and flowering plants came from Prof. C. S. Sargent, Miss M. S. Ames, Mrs. C. F. Sprague, E. V. R. Thayer, Walter Hunnewell, R. C. Hooper and Dr. C. G. Weld. R. & J. Farquhar & Co. furnished palms and other foliage plants. The flowers comprised large quantities of peonies, roses, rhododendrons, kalmias, irises and many other seasonable flowers, all artistically arranged. The residents in the section where the show was held are mostly immigrants of the poorest class. They attended the show in thousands and thoroughly appreciated the efforts of Miss May Sargent and the other society ladies who so successfully engineered the exhibition.

General regret is felt at the decision of Archibald Smith, manager of the seed department and one of the firm of Joseph Breck & Sons, of Boston, to leave America. Mr. Smith has bought the George Prince seed business at Oxford, England, and takes possession of the same next month. He has been with the firm of Breck & Sons sixteen years and much of their success is due to his skillful management. Some handsome presents were made to Mr. Smith by members of the firm, employes and others, and his many friends wish him much success in his new business.

A spell of hot, dry weather has been experienced for several days. A good generous rainfall would be appreciated. Florists report an unusually late season for bedding plants, but the demand has proved fully up to the average.

Hardy roses, contrary to expectations, are unusually good. Strawberries are at the height of their season with us, "three boxes for a quarter" being a frequent cry. They are a splendid crop. Hay making is becoming quite general, an excellent crop all round. Potatoes and other vegetable crops look fine and there is an unusual paucity of bugs on crops in general, for which we are deeply grateful. We cannot find much fault with the season to date.

At the Patten-Thayer wedding last week there was some elaborate decorating. Peonies, pink and white, mountain laurel, now at its height here, roses and syringas were largely used. Miltonias and odontoglossums were freely used in the church and produced a fine effect. Galvin and A. P. Meredith, Mr. Thayer's gardener, had charge of the extensive decorations.

Weekly prize exhibitions commence at Horticultural Hall on July 9, continuing until the end of August. While Boston is looking forward to the coming meetings of the chrysanthemum and rose societies, another extensive exhibition to come about the early part of June, 1905, is mooted. This will probably not be included in the society's schedule, but if it goes through as it undoubtedly will it promises to eclipse anything previously seen in the Hub.

There is a grand show of hardy perennials at present to be seen at the Blue Hill Nurseries. The proprietor, Julius Heurlin, has one of the finest assortments of these plants in America, including many new or scarce varieties. This nursery is one of the best kept in New England.

The following circular from the Boston Co-operative Flower Growers' Association has been issued to all its members. Perhaps it may tend to prevent the threatened split in its membership:

"At a meeting of the directors Saturday, June 4, 1904, it was voted that the rent of stalls for the year commencing October 1, 1904, shall be $25 per year, with premiums for choice as heretofore. After all expenses for the year have been paid, including the usual dividends to the stockholders, the balance of the profits for the year shall be returned to the stall holders. The division of profits to each stall holder shall be in proportion to the amount of rent and premium paid."

W. N. Craig.

Photographs.

SEND a picture of your place to the Review for publication.

SEND a picture of any well executed floral design or decoration.

SEND a picture of any well-grown specimen plant or house of plants.

The photographs need not be anything more than good, "sharp" pictures, that is, clear in detail. Be sure to write your name and address on each one.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

A. L. Thorne, Flushing, N. Y., submits for registration seedling carnation Pilgrim; seed parent Mrs. G. M. Bradt; pollen parent, Mrs. T. W. Lawson; color dark cherry pink; flowers large, symmetrical and high centered, a good keeper; stems long and stiff; calyx does not burst.

Wm. J. Stewart, Secy.

Hartford, Conn.—George S. Osborn has removed to Edgewood, Bristol, Conn.

Clinton, Ill.—C. W. Moore is moving and rebuilding his greenhouse and will erect two new houses, each 26x150.

De Soto, Mo.—S. H. Hibbert has returned from Los Angeles, Cal., where he has resided for some time, and will combine his energies with those of his brother, A. N. Hibbert, in pushing the Hibbert Floral Co.

Kenosha, Wis.—W. H. Drake has had a very good season, much better than usual. He is now tearing down one of his old houses, replacing it with a fine house for ferns, the Moninger Co., Chicago, furnishing the material.



New Conservatory at Eden Park, Cincinnati, Ohio.

CHICAGO.

The Market.

This is ordinarily one of the best weeks in the year but, while total sales may not be far from normal, it is probable that average returns for the stock marketed were never before so low for the third week in June. There is the normal amount of business doing and twice the normal amount of stock is moved, but the demand makes no appreciable impression on the supply and it is necessary to force sales on practically every item. The only exceptions to this are Beauties and valley. Really good Beauties are practically out of the market and receipts are light on what would be called fair summer stock. The result is that wholesalers are having considerable difficulty in filling orders in this department. The demand for valley for wedding bouquets is keeping this item cleaned up and has resulted in an advance in price where practically everything else in the market is on the down grade.

There continue to be heavy receipts of tea roses, with quality not so good as it was a week ago. The best stock moves fairly well, but it is almost impossible to get rid of the low grades. Carnations are, however, holding back worse than the roses. Much of this stock is of very good quality, but it seems impossible to move it at any price and the poorer stock is generally sold out at from 3 to 5 cents per bunch.

The peony crop is very nearly at an end, but there are still very large daily receipts, the quality varying from very good to very poor. Some of the stock is selling for 75 cents per dozen where large quantities of other varieties are scarcely bringing express charges. However, the trade is getting tired of handling the low grade peonies and the demand is noticeably better for the good stock, which is as it should be. There are considerable quantities still in cold storage, so that there are likely to be plenty of peonies for Fourth of July, if anybody wants them.

The market is full of sweet peas, longiflorum and candidum lilies, gladioli and many odds and ends, the latter of little value under existing conditions. Ferns are down to $1.50 per 1,000 and smilax is bringing good money because of the scarcity in asparagus.

Various Notes.

Thomas Best has returned from Akron, Ohio, where he was for a brief period in partnership with E. J. Bolanz in his retail store.

Mr. and Mrs. O. P. Bassett have been down to St. Louis to see the exposition, but were not favorably impressed with its state of completion.

Weiland & Risch are not adding to their glass this year, but are already planning for a big extension next spring if business conditions next winter are up to their anticipations.

Miss Jessie Ludlow and C. E. De Wever were married June 16. The bride is a granddaughter of Edgar Sanders and has been employed as cashier of Vaughan's Seed Store many years. Mr. De Wever is of the Belgian plant-growing firm of De Wever Bros., and has been acquiring familiarity with the American trade at Vaughan's for some time, having recently been in charge of the exhibit at St. Louis. The couple will make their home in Belgium.

J. S. Wilson and George A. Kuhl took possession of the Albert Fuchs place last Thursday. It is their intention to continue the retail business and largely extend the wholesale plant trade.

The Florists' Club will hold its final meeting for the season tonight. The newly drafted by-laws have been placed in the members' hands and will be up for adoption at this meeting.

At the installation of the eminent commander of Englewood commandery last Friday night M. G. Holding, of the Sprague-Smith Co., presented the eminent commander with a magnificent bunch of peonies.

Ed. Winterson is suffering with rheumatism in his left knee, which the doctor says comes from working on the damp cement floor.

The George Wittbold Co. has been getting in a big crop of peonies from its Edgebrook establishment. They are rebuilding one of their houses at the city place for growing chrysanthemums. Louis Wittbold has been at Wheeling, Ill., for several days this week.

Louis Winterson and Miss Steen are to be married June 29. The groom is a member of the E. F. Winterson Company and is already receiving many congratulations.

Henry Klehm has returned from a two weeks' stay in Iowa, where his firm, Klehms' Nurseries, are doing a large amount of landscape work this season.

J. G. Steinfield's place at Forty-third and Drexel boulevard, is closed and the landlord has attached the fixtures to secure $180 arrearages for rent.

John Muir will have a very handsome, modern place at Forty-seventh and Grand boulevard, which will be ready for occupancy in a few days.

Anton Then is still bringing in Crimson Ramblers.

There is a move on foot to cause all the wholesale houses to close at 5 p. m. during July and August.

This week has seen an unusual number of visitors, including Geo. A. Kuhl, Pekin, Ill.; H. E. Larsen, Galva, Ill.; D. B. Long, Buffalo, N. Y.; John Morehead, Detroit; E. C. Kranz and family, Muscatine, Ia.; Mr. Pallas, of J. W. Vestal & Son, Little Rock, Ark.; W. H. Drake, Kenosha, Wis.; Harry Balsley, Detroit; the Hulsizer brothers, Des Moines, Ia.; H. E. Philpott, Winnipeg, Manitoba.

This is commencement week in the schools but it doesn't help the dressmakers or the florists. Superintendent Cooley has decreed that "simple muslin frocks" are to be worn and no flowers or other gifts allowed. The daily papers give some space to Mr. Cooley's autocratic rulings, several "poems" on the situation having been published, but, unfortunately, sentiment seems to be with him in this case and a pretty strong effort will be required to restore the former custom during Mr. Cooley's term.

The death of Charles Netchert, proprietor of the Boston Store, and his funeral on Wednesday made a considerable call for funeral work, of which the south side retailers had the bulk.

Charles Klehm says that their cold storage peonies are reduced to about 2,000 dozen and he expects to clean up in good shape by the middle of next week.

C. M. Dickinson is attending the sessions of the republican national convention and officiating as an assistant sergeant-at-arms.

E. E. Pieser says Monday's business was like a small Christmas, but that the demand has fallen away since then.

The republican national convention has filled the city with strangers and it is booming certain lines of business at a great rate, but is not affecting the florists' trade to any appreciable extent. Hauswirth, in the Auditorium, gets a little extra and so do others on Michigan avenue, but in general the "big guns" are too busy with politics to have any time for social affairs.

Bowling.

On Tuesday evening the bowlers finished their try-out for places on the St. Louis team. The following is the record for the evening:

Player.	1st	2d	3d	4th	5th
Hauswirth	147	177	154	154	158
Asmus	144	133	148	157	179
F. Stollery	144	180	170	155	197
Scott	163	157	172	134	135
G. Stollery	173	177	136	144	187
Stevens	158	159	140	187	166
Degnan	125	155	163	148	173
F. P.	100	128	107	132	96

The following are those who participated in the requisite number of games to qualify, with their averages. The first five will constitute the team, with the others as substitutes:

Player.	Games.	Total.	Av.
F. Stollery	25	4,402	176
Asmus	30	4,929	164
Stevens	27	4,291	159
Scott	30	4,657	155
Balluff	25	3,850	154
Hauswirth	25	3,846	154
Degnan	25	3,772	151

Four straw hats were offered as prizes in the contest, Fred Stollery and George Asmus winning in the straight match and P. J. Hauswirth and John Degnan in the handicap, it being stipulated that no player could win more than one prize. The handicap was arranged by George Stollery, as follows: F. Stollery, scratch; Asmus, three added to average, Balluff and Stevens five, Scott ten, Hauswirth and Degnan fifteen, Huebner twenty and E. F. Winterson twenty-five.

NEW YORK.

The Market.

The market remains in a condition of inactivity. The temperature approaches 100 degrees again and while the supply is not excessive it is far in advance of present requirements. The quality of the rose stock is unsatisfactory, mildew being much in evidence. Little improvement is looked for before the end of August. Lecakes & Co. have completed the work of placing 10,000,000 of galax leaves in cold storage. Their lilies from their own pond in Connecticut are in demand.

The Slocum Disaster.

No greater catastrophe has ever occurred in New York than the burning of the General Slocum and no tragedy has ever been less excusable. Over a thousand lives have been sacrificed. Whole families have been swept out of existence, dozens of survivors are insane and gloom covers the city. The only florist who has suffered the loss of loved ones is August Schmidt, of Avenue B, whose mother, wife and baby are among the missing. He has the universal sympathy of the trade in his bereavement.

Club Outing.

The New York Florists' Club has made every preparation for its excursion on Wednesday, June 29, and as the boat engaged is absolutely safe and special precautions as to safety will be made, it is hoped none who had arranged to attend will be absent. Everything promises a large attendance and the committees have worked hard to provide all the requirements for a happy reunion. The Isabel will leave the dock at East Thirty-first street at 9:45 on Wednesday morning. If any have not secured tickets the treasurer, Charles Schenck, of 44 West Twenty-ninth street, should be at once notified so that ample arrangements may be completed for the dinner at the grove. Those who desire to compete for the various prizes are requested to give their names and addresses to President Traendly, as the number of contests provided for will make system a necessity if they are completed. The list of contests and the prizes offered, with the names of the generous donors, are given fully in the souvenir program.

William V. Cleary, of Cleary's Horticultural Hall, Vesey street, has offered a special prize for a special event at the outing, a $35 suit of clothes for growers only in a unique race wherein fifty flower pots are used, each having hidden numbers from 1 to 50. The winner is the man whose pots aggregate the largest amount when the total of the numbers is found. It is a race in the dark. The pots are placed twenty-five yards from the starting point and only one can be carried at a time. Every grower with grit and ability to run will strive for the new suit and John Scott, Louis Schmutz and David Mellis are among the entries to date. This will be one of the most interesting events of the day.

The Weekly Florists' Review

"I regard the Florists' Review as a wonderful salesman; I sold all my stock through The Weekly Florists' Review."

JOHN W. FOOTE.

Malden, Mass.
June 20, 1904.

Various Notes.

J. K. Allen and wife leave on Wednesday of this week, via the steamer Majestic, for a trip to Europe. This is the first visit of the veteran wholesaler to the old country and he well deserves it. Mr. and Mrs. Allen will return about September 1, after visiting England, Scotland, Ireland and France. He has the Kew Gardens, Covent Garden market, Windsor Castle and King Edward on his list and Killarney and the blarney stone for side trips before he returns. His visit is largely in behalf of the new library to be erected at his home town, Kearney, N. J., and his appointment as commissioner and official inspector on the continent is an honor of which he has good reason to be proud. The business will be in competent hands during his absence.

Joseph Fenrick will open a wholesale cut flower store at 48 West Thirtieth street, next door to James McManus, on July 1. Mr. Fenrick has been in the employ of Ford Bros. for many years and has an excellent reputation.

Elliotts' palm sale on Tuesday brought out a large attendance and prices realized were very satisfactory. Next Friday will likely close the auction business for the season.

The veteran Charles L. Allen is enjoying the St. Louis exposition. Mr. Walter has returned with glowing descriptions of its beauty and grandeur. The majority of eastern florists will, however, wait for the convention. The Baltimore & Ohio railroad seems to please all who contemplate the trip and a large and happy party of, it is hoped, close to 100 will make the journey from this center. Many ladies will attend from New York.

S. B. Wertheimer, of Lion & Wertheimer, has returned from his western trip and visit to the fair at St. Louis. He speaks very highly of the efforts being made by Brother Beneke and his staff of faithful lieutenants towards making the S. A. F. convention a great success.

John P. Cleary celebrated his thirty-first birthday on Monday of this week.

George M. Geraghty, once of Denver, and lately with Thomas Young, Jr., will summer at Rockaway Beach.

James Carroll, of Thorley's, will summer as usual at Atlantic Highlands.

James Fraser, of Morristown, N. J., superintendent of Cedar Court and the father of gardeners, was in the city Monday. Tuesday, the longest day of the year, he celebrated his "steenth" birthday.

Charles Millang has returned from a business and pleasure visit to Buffalo. He speaks highly of the Buffalonian's hospitality, especially of "Billy" Kasting. Mr. Millang is handling a large stock of lilies and Brunners.

Mr. and Mrs. A. Guttman and family will spend the summer at Woodcliff Inn, Freeport, L. I.

Bowling.

The new alleys of the New York Club are proving very satisfactory and the attendance grows as the time for the St. Louis convention approaches. Last week the scores were:

Guttman	156	133			
Lang	156	156			
Thompson	124	190	138		
Gibbs	140	119	128	135	
Shaw	123	134	153	117	129
James	179	125	148	137	169
O'Mara	130	137	146	185	136

J. Austin Shaw.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

Under glass, nature is only of partial help, it is mostly art that does it; and there seems to be a growing notion that this art is not sufficiently paid for.

Lysichitum camtschatcense, which is native to northern California, has been grown at Kew for a number of years. In a boggy portion of the rock garden it has barely held its own but a plant in a moist position in the Himalayan house flowered this year for its second time.

Rhododendron racemosum is one of the most beautiful of all the rhododendrons, the largest plants at Kew being about two feet high, of loose spreading habit, and densely covered with a mass of bright pink flowers, each of which was about an inch in diameter, and sweetly scented. No doubt the plants

PEONIES FOR JUNE WEDDINGS and COMMENCEMENTS

These are the popular flowers of the season. We can fill all orders with choice stock at $3.00 to $6.00 per 100.

ASPARAGUS is scarce but we have plenty of SMILAX, $2.00 per doz., $15 per 100. Plenty New Common Ferns, $1.50 per 1000.

All Cut Flowers in Season. **SEND US YOUR ORDERS.**

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 6.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00 to 3.00
Peonies.....per doz., 35c to 75c	
Valley	2.00 to 5.00
Marguerites	.50 to .75
Forget-Me-Nots	1.00
Mignonette, per doz., 35c to 50c	
Sweet Peas	.50 to .75
Callas, per doz. .....$1.00 to $1.25	
Longiflorums, doz., $1.00 to $1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns.....per 1000, $1.50	.20
Galax.....per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax .....per doz., $2.00	
Leucothoe sprays	1.00

Subject to change without notice.

Lily of Valley.

We are receiving some

EXTRA SELECTED cut VALLEY

that will please the most critical.

E. H. HUNT, 76-78 WABASH AVE., CHICAGO.

Mention The Review when you write.

will attain to much larger dimensions. The flowers not only terminate the ends of the branches, but are also disposed in dense clusters in the axils of most of the leaves of the previous year's growth, thus forming long, dense racemes of flowers. Seeds are produced in abundance, and these furnish a ready means of propagation. The seedlings usually flower freely when about three years old.

SOLIDAGO SHORTI is so good and flowers so freely that one feels inclined to include it among the best twenty "back row" border plants. It is a vigorous species, growing six feet high and bearing spiræa-like, plumy inflorescences of a soft yellow color. The lateral branches of this inflorescence are nearly two feet long, and so vigorous is it that one may cut a huge sheaf of flowers from one plant.

CAROLINE TESTOUT is said to be one of the best varieties of roses for culture in the vicinity of smoky towns.

THE ORDINARY mealy bug, which is very abundant and injurious, is destroyed in its adult stage by a single fumigation with hydrocyanic acid gas, but to be absolutely free from this pest it is well to repeat the operation every ten days, so as to destroy newly hatched insects.

IT IS interesting to recall that on May 20, 1804, seeds of dahlias were received in London from which plants were raised and flowered the same year, and that ever since the dahlia has been uninterruptedly cultivated in British gardens.

SUPPOSING that some readers may be unaware of the behavior of Incarvillea Delavayi after it has flowered abundantly in any one year, it may be well to observe that a large number of the plants so flowering fail to grow in the next year. Cases have occurred in the writer's experience. In one instance, all the plants that flowered one season remained dormant the whole of the next year, and the gardener concluded they were dead. I informed him in all probability the plants would restart the next year, and so it turned out.

ORCHIDS

We beg to announce the arrival IN SUPERB CONDITION of the following Orchids:

CATTLEYA TRIANAE, CATTLEYA LABIATA, CATTLEYA MOSSIAE, CATTLEYA GASKELLIANA and CATTLEYA SPECIOSISSIMA.

Also ONCIDIUM VARICOSUM ROGERSII, O. SPLENDIDUM, LAELIAS, DENDROBIUMS and others.

Write for special list of above.

LAGER & HURRELL, Growers and Importers, **Summit, N. J.**

All Flowers in Season

CONSIGNMENTS SOLICITED.

Prompt returns and best of care given all consignments.

C. E. CRITCHELL,

WHOLESALE COMMISSION FLORIST,

36 EAST THIRD ST., **Cincinnati, O.**

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., N. W. Hale, Knoxville, Tenn.; Vice-Pres., F. A. Weber, St. Louis; Sec'y. Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. The twenty-eighth annual convention will be held at Atlanta, Ga., June, 1904.

THE American Association of Nurserymen is in session this week at Atlanta, Ga.

PAINESVILLE, O.—John Brick has gone to Aurora, Ill., to enter the employ of the Aurora Nursery Co.

THE eighteenth annual convention of the American Association of Cemetery Superintendents will be held at Chicago August 23 to 25.

THE Wisconsin State Horticultural Society will hold its annual summer meeting at Lake Geneva June 29 and 30. There will be an exhibition of strawberries and flowers.

CHASE BROS., of Huntsville, Ala., are getting their new nursery near Mercury in first-class shape. They have built a road which will permit heavy teaming out of the property in bad weather.

FOLLOWING the convention at Atlanta this week the nurserymen will visit the famous Georgia peach orchards, including those of Hale, the Berckmans Co. and others, traveling on a special train.

AT the meeting held at New Haven, Conn., last week the New England Association of Park Superintendents voted to change its name to American Association of Park Superintendents. Officers elected were: President, W. S. Egerton, Albany; secretary, John W. Duncan, Boston; treasurer, J. H. Hemingway, Worcester, and several vice-presidents.

IN writing a friend, C. S. Sargent, of Arnold Arboretum, Boston, said: "We had the most disastrous winter that I can remember. Deciduous-leaved shrubs and trees seem to have suffered more than evergreens this time, although practically every rhododendron bud in this part of the world is killed or injured; azaleas, on the other hand, being all right. We have lost many shrubs which have been growing for twenty years at least, and have never suffered before. It will take a long time to get over the effects of such a winter."

LILACS NOT FLOWERING.

Will you please tell me through the valued columns of your paper the reason why a purple lilac bush five years old does not bloom? It was a rooted sprout from a large tree that blooms profusely every year. It is in a shaded position in our front yard, but the old tree is in the shade just as much with the same soil, etc. The tree seems to be thrifty and healthy. Have seen trees all over town younger and smaller than this one blooming. A. C. T.

The fact that our correspondent's lilac grows well but fails to bloom is conclusive proof that the shady location is the cause of this. Probably if left until it reached a considerable size it would bloom to some extent, but never so well as in an open sunny spot. Lilacs to flower well must be grown away from all shade. We would advise our correspondent to remove the plant carefully this fall, say the first week in October, to a sunny location where there is good loam. Give it a dressing of well rotted manure once a year and it will flower as satisfactorily as any of his neighbor's plants. If he needs a quick growing shrub for his shady location let him plant Lonicera Tatarica, or L. Morrowi, or some of the strong growing viburnums or snowballs.

W. N. CRAIG.

"YOU may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper."—G. M. NAUMANN, Cleveland, O.

PEONIES

We Have Them.

Controlling as we do one of the largest crops in this Country (over 10,000 dozen) places us in position to meet all competition.

All varieties and qualities at $2.00 to $5.00 per 100.

LILY OF THE VALLEY -- Fancy Selected.

SWEET PEAS, all colors. ASPARAGUS PLUMOSUS, SMILAX, ROSES, CARNATIONS, etc.

Headquarters for HARDY FERNS.

A daily cut from 40 growers. "Highest Qualities" as well as "Under Grades" at ruling market quotations. We can and will supply your Cut Flower wants to advantage. We carry the most complete line of Florists' Supplies in the West. Catalogue free.

E. F. WINTERSON CO.

E. F. Winterson. John P. Degnan. L. H. Winterson. Successors to McKellar & Winterson.

45-47-49 Wabash Avenue, - - CHICAGO.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft..... 20.00 "

1000 Coreopsis, strong clumps.....	4 00	per 100.
Achillea The Pearl, strong clumps.	6.00	"
Gaillardia Grandiflora, clumps.....	5.00	"
Golden Glow, strong clumps	2.50	"
Helianthus Maximiliani.....	2.50	"
Roseum	3.00	"

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.

H. P. AND OTHER ROSES

from 4 and 5-inch pots, fine plants in full foliage, Crimson and Yellow Rambler, Clothilde Soupert, Couquette des Blanches, La Reine, Gen. Jacqueminot, etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots, at 18c; 1-year, from 3 inch. 9c. Clematis Paniculata, from 4 and 5-inch pots, 12c. Ampelopsis Veitchii, 4 and 5-inch, 10c. Perennial Phlox, fine named sorts, 4 and 5-inch, 15c.

PACKING FREE FOR CASH.

W. H. SALTER, ROCHESTER, N. Y.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.

Ask for prices. Catalogue free on demand. No agents.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

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ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES

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Always mention the Florists' Review when writing advertisers.



C. W. McKELLAR,

ORCHIDS

51 Wabash Avenue, CHICAGO.

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds.
A LARGER VARIETY NOW than ever.
TRY ME. L. D. Phone Central 3598.

Everything in suitable FLOWERS and SUPPLIES for JUNE WEDDINGS and SCHOOL CLOSINGS.

Phone or telegraph your rush orders if you want prompt service and the best stock.

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CINCINNATI.

The Market.

Business continues very satisfactory, with a steady demand and adequate supply. The moderate weather has helped greatly in sustaining the value of stock and also the quality. Some extra fancy carnations are still to be had and they find a ready market. While the majority of roses are now very small, still there are some that may be rated as very good. Peonies are fast becoming a thing of the past. Last week great quantities of them were sold and the demand at present is greater than the supply. A few gladioli are to be had and sell fairly well. Some very fine sweet peas are coming in from local growers and they are very good property. Lilies of all kinds are scarce and, as usual, there is a good demand for them. There have been plenty of candidums but now they are about over. Eastern fancy ferns are in and sell well. Other greens are equal to the demand.

Various Notes.

The committee in charge of the social meeting of the Florists' Society to be held Thursday evening, June 23, has everything in readiness. The election of officers will take place, followed by their installation. There will be cigars, liquid comforts and sandwiches for the men, and ice cream, cake and lemonade for the ladies. All club members and the ladies are invited to be present.

The florists' outing committee has decided to hold our annual outing at Coney Island on July 21. At present their plans are scarcely matured but there will be the usual bowling contests, also ball games, besides any number of other amusements that are on the grounds. The committee is making especial effort and a great time is looked for this year.

Yet another wholesale house is to soon bud out in our midst. This time C. E. Critchell, late of the Atlanta Floral Co., but whose home is in this city, is the man behind the enterprise. He will open within the week at 36 East Third street. The large size of the wholesale business in this city is at last being realized and we can scarcely do more than to welcome the late arrivals to share the vast profits that have been made in the wholesale business since a wholesale house was first started in this city some eighteen years ago.

All the wholesale houses of importance have made an agreement to close their stores at 5 p. m. beginning July 1, till further notice. This will not interfere at all with the trade, as during the summer months there is practically no business after 3 o'clock. C. J. OHMER.



WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

WE REPRESENT MORE GLASS
THAN ANY OTHER COMMISSION DEALER.

ORDER

JUNE PEONIES

FROM US

KENNICOTT BROS. CO.

40-44 Randolph Street, CHICAGO.

Mention The Review when you write.

GRAND HAVEN, MICH.—In settling up the estate of the late George Hancock, the greenhouse property of George Hancock & Son was sold in chancery on June 18. James G. Hancock, the surviving partner, has not yet decided where he will locate but will look around before making a decision. He has already received a number of offers to locate in other places.

IN THE MERRY MONTH OF JUNE.

April showers brought May flowers
Smiling on the vales and hills,
But the florists bring whole forests
Of 'way-last-December bills!
—Chicago Tribune.

MOLINE, ILL.—Julius Staack is building a new residence west of his greenhouses.

MANHEIM, PA.—Hostetter Bros. were not insured. The Hail Association lost nothing by the storm here.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., S. F. Willard, Wethersfield, Conn.; First Vice-Pres., J. Chas. McCullough, Cincinnati, O.; Sec'y and Treas., C. E. Kendel, Cleveland, O. The 32d annual meeting will be held at St. Louis, Mo., June, 1904.

VISITED CHICAGO:—C. Dalwig, Milwaukee.

REPORTS from the Pacific coast show sweet peas suffering and a very short crop in prospect.

J. M. THORBURN & Co., New York, report the season's business as about normal with them.

GRADUS peas in sacks of one and a half bushels in the pod brought $2.50 on the Chicago market June 21.

BEANS are going into dry ground at many of the southern Michigan points. It is feared that this may cause a poor stand.

SWEET corn has had a better chance during the past week, owing to the few warm days, and the outlook for a crop is better.

REPORTS just at hand from Canada show the growing pea crops there to be progressing very favorably, with the weather fine.

UP TO date there are no reports showing that cucumber is not doing well; on the contrary, everything seems to be favorable so far.

PEA crops are sufficiently advanced in many sections to need inspection, and within the next ten days growers will have their men out for this purpose.

MANY of the canners are short on tomato plants. There has been considerable effort put forth by them the past week to secure good, stocky plants without much response.

SOME of the onion set fields in the vicinity of Chicago would make good pictures at present. The warm weather is pushing the crop along and much activity in weeding and cultivating is noticed.

DRY weather is reported from all the sections where onion sets are growing and it is thought that a short crop will be the result. Chicago sections are suffering more than any from lack of rain at present.

THE A. A. Berry Seed Co., Clarinda, Ia., reports a very successful season and far beyond its expectations. They are greatly increasing their growing department this spring, especially in the line of sweet corn and vine seeds, of which they are heavy producers. They had a surplus after filling contract orders in full this spring and were able to furnish quantities to pickle factories and canning concerns. This firm is only seven years old.

ARCHIBALD SMITH, for many years manager for Joseph Breck & Sons, Boston, has sailed for England, having bought the Prince seed business at Oxford, which he will hereafter conduct. Prior to his departure the Breck employes presented him with a gold watch, the firm remembering him with a suitably inscribed silver service. Mr. Smith's father died in Scotland only a month ago and two brothers are in the seed business there.

THE few advices so far at hand from St. Louis are to the effect that there is a good attendance and considerable enthusiasm at the convention. Election of officers will take place Thursday, June 23.

DEATH OF H. C. AGNEW.

Hugh C. Agnew, of Santa Clara, Cal., died June 11, aged 50 years. It is thought that his demise was caused by glanders contracted from a horse which he drove. He suffered intensely before the end. Mr. Agnew was born in Iowa but removed to San Jose while a young man. For some years he and his father were engaged in fruit raising but about fifteen years ago they went into seed growing, Jesse Agnew becoming a member of the firm. The business has prospered steadily and they now have many hundreds of acres in seed crops in the Santa Clara valley and in Contra Costa county. Mr Agnew was highly respected, both in the seed trade and in his own community. The remains were cremated at San Francisco June 13. A widow survives.

VITALITY AND GERMINATION.

Of the few things which the United States Department of Agriculture has done for the assistance of the seed trade Bulletin No. 58, on the Vitality and Germination of Seeds, is one of the most important. It is a technical paper by J. W. T. Duvel, published as a pamphlet of ninety-six pages, largely devoted to tabular and other details of experiments to test loss of vitality under different systems of storing and shipping seeds. The preface says:

Because of variation in the amount and quality of each year's crop it is frequently necessary for seedsmen to carry over large quantities of seeds from one year to another. Such seeds often lose their ability to germinate, and either are a loss to the seedsman or, if they are marketed, cause still more serious losses to those who plant them. Since 1899 Mr. Duvel has been engaged in a general investigation of the causes affecting the vitality of seeds, with special reference to the conditions under which they are stored commercially. This investigation was begun in 1899 under the Dexter M. Ferry Botanical Fellowship at the University of Michigan, and since September 1, 1902, it has been continued by the United States Department of Agriculture.

The general method pursued has been to store seeds experimentally under all sorts of conditions, and afterward to ascertain the exact percentage of germination. It is now possible to speak with precision of the extent of damage caused by careless methods of storage, to express in actual figures the greater liability of seeds to loss of vitality under the warm humid conditions existing in the South Atlantic and Gulf States than under colder and drier conditions, and to demonstrate the utility of storing seeds, when they must be kept in a humid climate, in moisture-proof packages.

NEW CROP
SEEDS
PRIMULA SINENSIS FIMBRIATA
(English Grown.)
"The Grand" Mixture .....trade pkt., 50c
Primula Forbesi.. .....trade pkt., 25c
CINERARIA HYBRIDA GRANDIFLORA
(English Grown.)
Hunt's "Special" Mixture, trade pkt., 50c
CALCEOLARIA HYBRIDA GRANDIFLORA
Hunt's Import Mixture....trade pkt., $1.50
All the types, including the self-colored, tigered, mottled, variegated, spotted.
GLOXINIA GRANDIFLORA
Hunt's Extra Select Mixture, tr. pkt., 50c
A mixture of exclusive French hybrids, including Fire King, Defiance, Frederic, etc.
E. H. HUNT,
76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.


Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

LILY OF THE VALLEY PIPS
FROM COLD STORAGE
In original cases of 500, 1,000 and 2,500. Prices on application.
CHAS. F. MEYER, 99 WARREN ST. NEW YORK

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Florists' Review
When Writing Advertisers.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Michell's Stock Is recognized all over the Country as the best on the market.
THIS WEEK WE OFFER FINE
CYCAS STEMS weighing from ¾ pound to 15 pounds each at 10 cents. Also 25 pounds for $2.00; 100 pounds, $7.00.
You can make money by buying them now.
Henry F. Michell Co., 1018 Market St., Philadelphia

Mention The Review when you write.

FERNS IN FLATS

Ready for delivery after July 15th.

Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting.
We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties.
Aspidium Tsussimense, Cyrtomium Falcatum, Pteris Adiantoides, Pteris Cretica Albo-Lineata, Pteris Cretica Magnifica, Pteris Hastata, Pteris Mayii, Pteris Gilbertii, Pteris Serrulata, Pteris Serrulata Cristata, Pteris Serrulata Variegata, Pteris Wimsettii. Mixed varieties. **Price $2.00 per flat.**

Nephrolepis Scottii. Strong transplanted runners from the bench or 2¼-inch pots. $4.00 per dozen; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-inch pans, $3.50 each; 10-inch pans, $5.00 each.

CANE STAKES. 6 feet long, strong and durable, per 1000, $6.00; per 2000, $11.00; per 6,000, $27.50. Prices on larger lots on application.

Stumpp & Walter Co., 50 Barclay Street, Branch Store: 404 E. 24th Street, New York.

Mention The Review when you write.

Thorburn's Bulbs

We are now prepared to quote
Lilium Harrisii,
Lilium Longiflorum,
Dutch Hyacinths,
Roman Hyacinths,
Paper White Narcissus,
Tulips and other Bulbs for Florists.

Send for prices stating kinds and quantities required.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.
Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.
Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

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LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000.
Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,
1409 W. Madison St., CHICAGO.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

JOHNSON & STOKES'

KINGLY Collection of Giant Pansies

Never has a strain of Pansy given more general satisfaction than has our **"KINGLY COLLECTION OF GIANT PANSIES."** It is absolutely unrivaled as no expense has been spared to bring it up to its present high standard of excellence. Half trade packet (1000 seeds), 30c; trade packet (2000 seeds), 50c; 5000 seeds, $1.00; per oz., $5.00.

English Prize Mixed Calceolaria and Cineraria,
Unsurpassed strains. Half trade packet, 50c; trade packet, $1.00.

PRIMULA (Chinese Primrose) **English Prize Fringed,** mixed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.

CYCAS STEMS **Long-leaved variety,** 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs. $6.50; per case, (300 lbs.) $18.00. Stems range in weight from 1 lb. to 10 lbs.

Write for Prices on French and Dutch Bulbs.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch,	per 500, $2.75;	per 1000, $5 00;	per 2000, $9.00.
6 feet, ¼ to ⅜ inch.....	" 3.25;	" 6.00;	" 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention the Review when you write

PANSY SEED. Boddington's "Challenge," a mixture of the choicest strains of **5 leading Pansy specialists of America and Europe.** All large flowers of good substance in an infinite variety of color and markings. New Crop Seed ready July. Trade pkt., $1.00; ¼ oz., $2.00; oz., $5.00

Mignonette Seed. Boddington's "Majesty," the finest of all fancy varieties of Mignonette, an improvement on "New York Market." Seed saved only from select spikes under glass. Per trade packet of 2000 seeds, $1.00.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**

Mention The Review when you write.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

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Burpee's Seeds Grow

Mention The Review when you write.

Samuel S. Pennock, THE WHOLESALE FLORIST

VALLEY BEAUTIES

Ribbons and Supplies

1612 {Ludlow Street, PHILADELPHIA

Mention The Review when you write.

SWEET PEAS AT ST. LOUIS.

The following is the schedule of the sweet pea exhibition to be held at the St. Louis World's Fair July 23 to August 2:

25 sprays of Pure White.
25 sprays of Yellow or Primrose.
25 sprays of Blush or Light Pink.
25 sprays of Rose or Deep Pink.
25 sprays of Orange or Salmon.
25 sprays of Mauve or Lavender.
25 sprays of Red or Scarlet.
25 sprays of Maroon.
25 sprays of Blue.
25 sprays of Contrasting Shades.
25 sprays of Light Stripes or Blends.
25 sprays of Dark Stripes or Blends.
Collection of 30 vases named varieties; 25 sprays each, not to include introductions of 1901.
Collection of 12 vases, same conditions as Class 13.
Collection of novelties; introduction of current year; 10 sprays each variety.
Group of 6 distinct varieties; 25 sprays each, in three colors; pure white, light pink and lavender.
Group of 6 distinct varieties; 25 sprays each, in three colors; Red or Scarlet, Deep Pink and Orange.
Group of 6 distinct varieties; 25 sprays each, in three colors; Yellow or Primrose, Blue or Maroon, and Striped or Varieties.
Bouquet not to exceed 200 sprays. Quality of flowers, harmony of colors, and taste in arrangement to govern.
General display, 25 sprays of each variety.

Entries must be received by Superintendent J. H. Hadkinson not later than July 20.

GRAND FORKS, N. D.

Tell your readers that up here in Grand Forks, N. D., where the high winds have been known to change a county line and blow the mortgages off 160-acre farms, that the cut flower trade, as also blooming plant trade, this spring was far better than in any previous year. We sold out clean and needed more cut flowers. Let the growers go in a little stronger and we will dispose of more and larger stock. E. O. Lovell.

Salem, O.—Harry T. Miller has arrived here from Alliance and taken the active management of the business of J. E. Bonsall, which he recently purchased and of which O. W. Bundy has since been in charge.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—14,000 feet of glass; well paying, in thriving town with six railroads in central Indiana natural gas belt; best rose soil in country; large stock, in full running order; on time, at a bargain as the owner wishes to retire. Address No. 163, care Florists' Review, Chicago.

FOR SALE—Cheap, a Kroeschell style boiler, been used four seasons, will heat 6000 feet of 4-inch pipe. Davis Bros., Morrison, Ill.

FOR SALE—Two first-class tubular horizontal boilers; in use 5 years and warranted to be in A1 condition; size, 42 inches diameter, 9 feet long; 80 tubes. All fittings complete, including grates for hard and soft coal. Price $300.00 or $160.00 each, f. o. b. car. Geo. E. Buxton, Nashua, N. H.

SITUATION WANTED—By a first-class rose grower, especially American Beauties, also fancy carnations, as foreman or section man, by 1st of July; am at the present time foreman for the Chicago Carnation Co. Paul Kopanka, care Florists' Review, Chicago.

SITUATION WANTED—By competent florist; good grower of cut flowers and plants; hustler and reliable; 16 years' experience; commercial or private; age 32; German; married; around Chicago preferred; references. Address No. 166, care Florists' Review, Chicago.

WANTED—A good all-round florist; one who is able to take charge of 5 or 6 greenhouses in growing carnations, roses bulbs and bedding plants; can have an interest in the business if he so desires. Apply by letter to H. F. Michell Co., 1018 Market Street, Philadelphia, Pa.

WANTED—At once, a working foreman; must be a good grower of roses, carnations, mums, etc., and able to handle help; wholesale cut flowers only; state wages; give references: German preferred. Address No. 164, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a strictly competent grower of roses, carnations, mums, palms, ferns; also a general line of pot plants and bulbous stock; age 32; 18 years' experience. Address No. 167, care Florists' Review, Chicago.

FOR SALE—Greenhouse establishment in good condition. Two greenhouses 20x100 ft., one built in 1900, the other in 1903; hot water heat; one house in mums, the other in carnations and smilax; a lot of new frames and sash; nearly 5 acres of land, about 4 under cultivation; horse, stable, delivery wagon, tools, etc.; only 18 miles from Pittsburg and in thriving town of 10,000; no opposition to amount to anything. Only those who have money and mean business need apply. For complete description, address No. 165, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. 149, care Florists' Review, Chicago.

WANTED—To rent greenhouse establishment of 20,000 or more feet of glass; place must be in good condition, within 15 miles of Chicago; will buy stock. Address No. 158, care Florists' Review, Chicago.

WANTED—Competent rose grower foreman for section; large establishment in Chicago; good place for right man; Chicago applicant preferred; wages $15.00 per week, married man. Address No. 160, care Florists' Review, Chicago.

WANTED—Good grower of roses and carnations; must be sober and reliable and able to grow first-class flowers; wages, $60.00 to right man; place permanent. Address No. 157, care Florists' Review, Chicago.

WANTED—A good grower who is capable of taking charge of greenhouse business. H. H. Peterson, 3526 Broadway, Everett, Wash.

FOR SALE—Or lease, seven greenhouses, 7500 feet; 8-room dwelling and one acre ground. Willard Smith, Spokane, Wash.

WANTED—Young man, competent to grow cut flowers and pot plants for retail trade. Address, with references and salary expected, A. M. Terrill, Box 37, Calgary, Alberta, Canada.

WANTED—To rent, a small place, not over 8000 square feet, in or within 30 miles of Milwaukee. John Wild, Route 1, Grand Haven, Mich.

SITUATION WANTED—By young man, German, single, age 32; 15 years' experience; good recommendation; private or commercial. Address No. 159, care Florists' Review, Chicago.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

WANTED—A good all-round florist for cut flowers and pot plants; wages $12.00 per week. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. 153 care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Cheap for cash, a well-paying florist business. 4,000 square ft. of glass, in city of 18,000. For particulars, address A. Schoepen, Marietta, O.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

FOR SALE—At auction, florists' and market gardening place, 10 a. m. Thursday, June 23, 7,000 feet of glass, steam heat; 25 acres of land; house, barn, stock, tools, crops; near 15,000 population; on electric road; fine chance. A. F. Johnson, Gardner, Mass.

FOR SALE—On account of failing health, well paying retail business; 3,500 feet of glass; steam and hot water heat; two boilers; houses built last summer; two acres of ground; barn and dwelling. For particulars, address City Greenhouse, Newton, Iowa.

FOR SALE—An elegant greenhouse plant, up to date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 143, care Florists' Review, Chicago.

WANTED.

A good reliable man, capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.

J. F. WILCOX, COUNCIL BLUFFS, IA.

TO RENT.

20,000 square feet of glass, consisting of five greenhouses, one 20x300, one 11x150, heated by steam; one 39x150 and two 18x150, heated by Hitchings' boilers. The whole establishment is planted with ULRICH BRUNNER ROSES, all in good growing condition and ready to start in October for January cutting.

Traendly & Schenck, 38 West 28th St., N. Y., realized during the year 1903 the following prices:

	Specials.	Extras.	Firsts.	Seconds.
Christmas	$1.00	75c	50c	15c
January 15		50c	30c	10c
February 15		60c	30c	10c
March 15		25c	15c	4c
April 15		20c	15c	5c
May 15		10c	6c	1½c

For particulars apply to

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On and after JUNE 27th we close at 6 p. m.

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WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

1,000,000 SQUARE FEET OF GLASS

Current Price List.

	Per Doz.
AM. BEAUTIES, 36-inches and up	$3.00
" " 30-in. stem	2.50
" " 24-in. "	2.00
" " 20-in. "	1.50
" " 15-in. "	1.25
" " 12-in. stem	1.00
" " Short stem	.75

	Per 100
LIBERTY, select	8.00 to 10.00
" medium	4.00 to 6.00
BRIDE	3.00 to 6.00
BRIDESMAID	3.00 to 6.00
METEOR	3.00 to 6.00
GOLDEN GATE	3.00 to 6.00
CARNATIONS	1.50 to 2.00
ROSES, OUR SELECTION	3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

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DEARBORN ENGRAVING CO.,

300-306 Dearborn St. CHICAGO.

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Wholesale Cut Flower Prices.

Philadelphia, June 22.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.50 to 2.00
" No. 1	1.00
" Shorts	.75
Queen of Edgely, Specials	1.50 to 2.00
" " Medium	.75 to 1.00
	Per 100
Bride and Bridesmaid, Specials	4.00 to 6.00
" " Extra	2.00 to 3.00
Golden Gate, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Liberty, Firsts	8.00 to 12.00
" Seconds	3.00 to 5.00
Meteor	2.00 to 4.00
Perle	2.00 to 4.00
Sunrise	2.00 to 4.00
Orchids	50.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancy	2.50 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00
" Sprays	35.00
Gladiolus	3.00 to 5.00
Lilium Longiflorum	5.00 to 6.00
Lily of the Valley	2.00 to 5.00
Peonies	2.00 to 5.00
Smilax	15.00 to 20.00
Sweet Peas	.40 to .50

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1 00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c.

Cash with order, please. All goods shipped at purchaser's risk.

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Wholesale Grower and Importer of Pot Plants.

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1516-18 Sansom St., Phila.

Roses, Carnations and Greens.

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Everything Seasonable in CUT FLOWERS

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Store closes at 8:00 p. m. Long Distance Phone.

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Carnations, Roses, Sweet Peas.

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Pandanus Veitchii,

12-inch pots, $6.00 each.

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HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

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CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

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We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

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SHIPPING ON COMMISSION.
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ALFRED H. LANGJAHR,
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone 359 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
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W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, June 20.

		Per 100
Beauties,	Specials	$ 6.00 to $12.00
"	Extra	4.00 to 5.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Meteor		1.00 to 8.00
Ulrich Brunner		2.00 to 10.00
Orchids, Cattleyas		30.00 to 50.00
Carnations, Common		.15 to .25
" Selects		.25 to .50
" Fancies		.50 to 1.00
" Novelties		1.00 to 2.00
Adiantum Cuneatum		.25 to .35
" Croweanum		1.25
Asparagus Plumosus, strings		20.00 to 35.00
" Sprengeri, bunches		10.00 to 12.00
Gladioli		5.00 to 8.00
Lilies		3.00 to 5.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 10.00

I GO to the REVIEW, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. GALLOWAY, Eaton, O.

GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. New York
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(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
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WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

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NEW YORK CUT FLOWER CO.
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Importers and Manufacturers of
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Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
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JOHN E. WALKER (Member of the New York Bar),.....Secretary and Treasurer.
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WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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Shipments daily all over the country.

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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of

EVERGREENS

GALAX, Bronze or Green $1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, .75



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If you haven't a copy already, order one now.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Pittsburg, June 22.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	5.00 to 6.00
" " " Extra	3.00 to 4.00
" " " No. 1	1.00 to 2.00
Cusin	1.00 to 4.00
Kaiserin	1.00 to 8.00
Liberty	2.00 to 8.00
Carnations, Common	.25 to .50
" Selects	.75 to 1.00
" Fancies	1.25 to 1.50
" Novelties	2.00
Adiantum Cuneatum	.75 to 1.00
Asparagus Plumosus, strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 2.00
Callas	4.00 to 6.00
Daisies	.10 to .50
Gladiolus	2.00 to 6.00
Lily of the Valley	3.00 to 4.00
Peonies	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.25 to .75

Buffalo, June 22.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	3.00 to 4.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	3.00 to 8.00
Cusin	2.00 to 5.00
Golden Gate	2.00 to 6.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 6.00
Sunrise	2.00 to 4.00
Carnations, Commons	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Gladiolus	2.00 to 4.00
Lilium Longiflorum	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 2.00
Peonies	2.00 to 4.00
Smilax	15.00
Sweet Peas	.25 to .75

"AM very much pleased with the results of the advertisement; at present have no stock to offer."—WM. A. FINGER, Hicksville, L. I., N. Y.

Planting Roses

All kinds of Teas. Just what you want. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, Golden Gates, Liberty, Beauties, Carnots, and few Meteors. Stock A1. Prices right. Send right along to

GEO. A. KUHL, Pekin, Ill.

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ASPARAGUS Plumosus Nanus Seed

AND SEEDLINGS

$3.50 per 1000. Larger quantities less. Guaranteed true to name and of highest germinating quality.

SEEDLINGS—Ready for potting, $12.00 per 1000. Express prepaid.

Drake Point Greenhouses, Yalaha, Florida.

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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,

44 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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FORD BROS.

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Telephone 3870—3871 Madison Square.

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A complete assortment of the best in the market can always be relied upon.

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CUT ROSES Direct from the...GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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Lily of the Valley

of good quality always on hand.

AUGUST JURGENS,

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

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N. LECAKES & CO.

45 West 29th St., NEW YORK



Tel. No. 1214 Madison Sq. and 53 W. 28th St.



Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.

— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

Always Mention the.... Florists' Review When Writing Advertisers.

Wholesale Cut Flower Prices.

Chicago, June 22.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24 "		2.00
" 20 "		1.50
" 15 "		1.25
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$5.00 to	$ 6.00
" Firsts	2.00 to	4.00
Brides, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Liberty, Specials	8.00 to	10.00
" Firsts	4.00 to	6.00
Golden Gate, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Kaiserin, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Meteor, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Ivory, Firsts	5.00 to	6.00
" Seconds	2.00 to	4.00
Perles, Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Carnot	5.00 to	8.00
La France	5.00 to	8.00
Kaiserin	5.00 to	8.00
Carnations, Fancy	1.50 to	2.00
" Common	.50 to	1.00
Peonies, per doz.	.35 to	.75
Gladiolus, per doz.		1.00
Mignonette, doz.	.35 to	.50
Sweet Peas	.25 to	.75
Easter lilies, $1.00 to $1.50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Valley	2.00 to	5.00
Asparagus strings	40.00 to	50.00
" sprays, per bunch	.35 to	.50
Sprengeri	3.00 to	5.00
Smilax, per dozen		2.00
Galax, per 1000		1.25
Ferns, per 1000		1.50

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

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Wholesale Cut Flower Prices.

Milwaukee, June 22.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	18.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Bride and Bridesmaid, Specials		6.00
" " Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	8.00
Liberty	6.00 to	10.00
Meteors	4.00 to	6.00
Perle	4.00 to	6.00
Carnations, Common		1.00
" Selects	1.50 to	3.00
Adiantum Cuneatum		1.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Daisies		.75
Lilium Longiflorum		10.00
Lily of the Valley	2.00 to	3.00
Peonies	2.00 to	4.00
Smilax		15.00
Sweet Peas		.50

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Wholesale Cut Flower Prices.

St. Louis, June 22.

		Per doz.
Beauties, Specials	$2.00 to	$3.00
" Extra	1.00 to	1.50
" No. 1	.50 to	.75
		Per 100
Brides and Maids, Specials	$5.00 to	$6.00
" " Extra	3.00 to	4.00
" " No. 1	1.00 to	2.00
Carnot	4.00 to	6.00
Golden Gate	4.00 to	6.00
Jacqueminot	2.00 to	3.00
Kaiserin	4.00 to	6.00
Liberty	3.00 to	6.00
Meteor	3.00 to	5.00
Perle	3.00 to	4.00
Carnations, Common	.75 to	1.00
" Selects	1.50 to	2.00
" Fancies	2.00 to	3.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Asters	3.00 to	4.00
Daisies	.25 to	.50
Gladiolus	3.00 to	4.00
Hollyhocks	.50 to	1.00
Lilium Candidum	8.00 to	10.00
Lily of the Valley	3.00 to	4.00
Pansies	.25 to	.50
Peonies	3.00 to	4.00
Smilax	15.00 to	18.00
Stocks	2.00 to	3.00
Sweet Peas	.25 to	.35

Cincinnati, June 22.

		Per 100
Beauties, Specials		$20.00
" Extra		15.00
" No. 1	10.00 to	12.50
" Shorts	3.00 to	6.00
Brides and Maids, Specials		5.00
" " Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Ousin	2.00 to	4.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	6.00
Meteor	2.00 to	5.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common	1.00	
" Selects	1.50 to	2.00
" Fancies	2.50 to	3.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings		50.00
" " sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	8.00 to	10.00
Dahlias	3.00 to	4.00
Daisies	.35 to	.75
Gladiolus	2.00 to	4.00
Lilium Longiflorum	6.00 to	10.00
Lily of the Valley	3.00 to	4.00
Peonies	2.00 to	4.00
smilax	10.00 to	15.00
Stocks	2.00 to	4.00
Sweet Peas	.25 to	.50
Common Ferns		.15

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1,000 Dozen Peonies in Cold Storage,

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SPRINGFIELD, OHIO.

Piersoni Fern, 2½-inch.....per 100, $6.00
Asparagus Plumosus Nanus 2½-inch, " 3.00
per 1000, $25.00; 4-inch ..... " 8.00
Strobilanthes Dyerianus, 2½-inch .... " 2.00
Honeysuckles, Golden Leaved, Chinese Evergreen and Halliana, 2½-inch.....per 100, $2.00
Mexican Primrose, 2½-inch..... " 2.00
Lantanas, 5 sorts, 2½-inch ..... " 2.00
Begonias, assorted, 2½-inch ..... " 2.00
Oleander, 2½-inch, double white and double pink ..... " 2.50
Heliotrope, Florence Nightengale, 2½-inch ..... " 2.00
Violets, Princess of Wales, California, Swanley White and Lady Hume Campbell, 2½-inch, per 100, $2.00; per 1000, $18.00.
Achillea, The Pearl, 2½-inch, per 100, $2.00; per 1000, $18.00.
Hydrangea Monstrosa, 2½-inch, per 100, $3.00; per 1000, $25.00.
Carnations, assorted, 2½-inch .....per 100, $2.00
Geraniums, Jean Viaud, John Doyle, La Favorite, Beaute Poitevine, per 100, $3.50; per 1000, $20.00; our selection of varieties in assorted kinds, per 100, $2.00; per 1000, $18.00.
Cannas, Austria, strong plants from 2½-inch pots, per 100, $3.00; per 1000, $25.00.
Fuchsias, 2½-inch, double white and double purple and assorted single varieties, per 100, $2.00.
Abutilons, Souv. de Bonn, Eclipse, Golden Bell and Infanta Eulalia, 2½-inch, per 100, $2.00.
Rudbeckia (Golden Glow), 2½-inch, per 100, $2.00.
Chrysanthemums, 2½-inch, assorted varieties, per 100, $2.00; per 1000, $18.00.
Roses, Marechal Niel, The Bride, Ball of Snow, 2½-inch, per 100, $2.50; per 1000, $20.00.
Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snowflake, 2½-inch, per 100, $2.00; per 1000, $18.00
Ball of Snow, strong plants from 4 inch pots, per 100, $7.00.

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THE REVIEW is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. MCSWEENEY.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.
Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.
Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.
Green Moss, $1.00 per bbl.
Sphagnum Moss, 50c per bag; $1.00 per bbl.
Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.

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Boston Ferns. Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100; 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000.

Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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In Boston Ferns 2 and 3½-inch, fine plants for growing on at $3.75 per 100; $35.00 per 1000.
PALMS—Kentia Belmoreana and Forsteriana, 3-inch pots, cool grown, with 5 to 6 leaves and dwarf, $12.00 per 100.
COLEUS—Golden Bedder and Verschaffeltii and 10 other varieties, 2 inch pots, $2.00 per 100; $18.00 per 1000.
ASTERS—In all varieties and mixed transplanted, 60c per 100; $5.00 per 1000.

CONVERSE GREENHOUSES, Webster, Mass.

Always mention the Florists' Review when writing advertisers.

DOBBS FERRY, N. Y.

The first annual June show of the Dobbs Ferry Horticultural Association was held in the Gasford building on Wednesday, June 15, and proved to be very successful, there being a very fine display of roses, flowers from hardy shrubs, hardy perennials, strawberries and a wonderfully fine lot of vegetables.

Some of the winners of prizes were: J. Knoodle, first for best collection of outdoor roses; H. Kastberg, first for best twelve hybrid roses; Mr. Boreham, first for vase of roses; T. A. Lee for best collection of hardy perennials; H. Kastberg, for best collection of flowers cut from hardy shrubs; C. Wilson, for best hydrangeas; J. Dunbar, for best quart of strawberries; S. Bradley, for best collection of vegetables, twelve varieties; J. Dunbar, for best collection of vegetables, six varieties. Mr. Boreham was awarded a certificate of merit for collection of cauliflower and cucumbers. Mr. Boreham was also awarded a certificate of merit for Adiantum cuneatum.

J. BRADLEY.

BALTIMORE.

There is little to look forward to for some time after this week, as commencements will be over, as well as most of the June weddings. All last week good stock of all kinds was scarce. This week has started off with a little better supply. However, good roses are still scarce. Sweet peas are now coming too freely. Gladioli from the south are coming in heavily and find little demand, except for the light colors. The price ranges from $2 to $4 per 100 spikes. Roses are going at from $2 to $4; carnations, 60 cents to $1.50; sweet peas, 25 cents to 50 cents per 100. Candidum lilies have made their appearance.

The Baltimore and Washington clubs are arranging for a joint outing at Chesapeake Beach next month. A. F.

INDIANAPOLIS.

On June 18 John Grande, who has conducted a retail business of considerable proportions at 1822 Shelby street, sold his business, greenhouses, dwelling and all to Herman Shilling. The consideration was $5,300. Mr. Shilling takes charge as soon as the transfer can be made and will continue the business along the lines on which it has been conducted by Mr. Grande. Mr. Grande has five acres of land west of the city on which he intends building a range of houses to grow for the wholesale trade. John says he needs the fresh country air to build up his health again. His usual weight is about 350, but during the strain of a heavy season he has lost at least ten pounds and John says it won't do. May his shadow never grow less. A. B.

CHRYSANTHEMUM MANUAL.

Send the REVIEW 25 cents in coin or stamps and we will mail you a copy of Elmer D. Smith's new book, the Chrysanthemum Manual. It is a pamphlet of eighty pages, with eighteen illustrations, and embodies the experience of a lifetime spent on this specialty.

PACIFIC COAST.

LILIES FOR CHRISTMAS.

At what time should we in British Columbia plant cold storage longiflorum lilies and spiræas to get them in bloom for Christmas and January sales? Are cold storage bulbs and roots of these plants to be relied upon? B. C.

There is no difficulty in flowering Lilium longiflorum at Christmas time in British Columbia, providing the bulbs are planted early in August, which is the time the season's crop is generally at hand. They can be planted either in pots or boxes and placed outside until the first of October, when they should be brought into the house and given a temperature of 60 degrees at night and about ten degrees higher during the daytime. No difficulty will be experienced if the bulbs are good. This is the usual way of forcing, but if cold storage bulbs are used and the grower has no heating apparatus in his greenhouse, the bulbs should be planted in July in pots or deep flats and, as these bulbs respond very quickly to warmth and moisture, they should be kept outside until about the first week in September, when they should be brought into the house. They will at this time have attained the height of probably six inches and unless the weather is very unfavorable there will be no trouble in cutting a splendid crop of flowers during December and January.

It is only during the last few years that growers on this coast have been able to get cold storage bulbs, but those I have tried have been of good quality throughout and I have had much better success with them than with Lilium Harrisii. Lilium longiflorum bulbs that are fresh imported are very slow to start and when the bulbs are planted in August and not forced at all it is difficult to get them in bloom by Easter, but with cold storage bulbs that have had a long rest I have found it a very easy matter to flower them at any time with a little bottom heat.

Spiræa Japonica can be handled easily, also. Cold storage clumps should be planted about the middle of September in pots and kept under the bench until about the first of November when they will have made plenty of roots and can then be placed in a temperature such as is given to lilies. They will bloom in December and January and are easily grown. There is no particular demand for cold storage spiræas, as it is a flower that is usually forced for Easter trade, in which case the fresh imported clumps usually obtainable in November will fill all requirements. G.

SAN FRANCISCO.

The Market.

School commencements and June weddings have done considerable toward brightening up trade during the last few days. Funeral work is scarce and only the south side florists seem to be getting much of it. The weather is cool again, after several weeks of scorching sunshine, and it is quite a relief to both the retailers and growers, to have the change. Flowers, especially indoor roses, had begun to suffer and they had to be kept in an ice box to have them at all presentable. Carnations are much more plentiful than last week and are somewhat lower in price. This is more noticeable, however, in the cheaper grade of flowers, as all the fancy stock, of which there is no abundance, still holds its price. Such varieties as Portia, Scott and Joost can be had at $1 per hundred and even less. Hill, Crocker, Schwerin and Estelle wholesale at about double that price and Lawsons that are free from thrips easily bring $3 per hundred. Roses are poor, being weak-stemmed, small-flowered and poor colored. There is a large quantity brought in daily and dumped for whatever price they will bring. Good Beauties are selling wholesale today at $1.50 per dozen; Testout, Bride and Maid at 50 cents; Liberty and Carnot, 75 cents per dozen. Sweet peas are still in their prime and are sold to the stores at from 50 cents to 75 cents per dozen bunches. Shirley poppies, bachelor's buttons, coreopsis, gaillardias, gladioli and some outdoor roses fill in very nicely. Smilax is completely out of season, but there are plenty of ferns of all kinds except the wild maidenhair.

Various Notes.

The Kien Co., of Elmhurst, are making preparations to erect several more greenhouses.

Clarke Bros., of Portland, Ore., who have their carnation growing plant in Fruitvale, Cal., are cutting more flowers at present than they can use and the Oakland florists are deriving the benefit of the surplus.

Mrs. John McLaren, wife of our superintendent of parks, while on their trip to Europe had the misfortune to slip and break her leg on the train near Denver. Mr. McLaren had to continue on his journey without his better half, who will remain in Colorado until his return.

Prof. Jepson, of Berkeley, has gone to Sacramento to classify and label all the plants and trees in the state collection at the Capitol grounds.

H. M. Sanborn and son, the Oakland florists, have returned from their trip to Yosemite Valley.

Wm. Gange, for many years head gardener to A. K. P. Harmon, of Oakland, is at present laying out the grounds of the Oakland Golf Club. These links are on the site formerly called Rockridge park, and will be the finest on the Pacific Coast.

W. W. Saunders, the well known bulb grower, now located in Fresno, is in town. G.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

SOME YEARS since we directed attention to the enormous difference in the produce of non-seeding plants of garden asparagus and those which produce heavy crops of seeds. Also to the necessity for giving the seedlings time to show whether they will seed or not before using them in the formation of beds. The success achieved by the French growers in the production of large growths is usually attributed to their skill in the preparation of the beds, and in the subsequent use of manures; but there can be no doubt that the results they obtain are largely due to the selection of non-seeding plants for the beds.

THE ONLY WAY to obtain the full wealth of flowers the lilacs are so well able to yield is to keep them to single stems, and, if the stem rises to a height of three or four feet before dividing, it will be a distinct advantage. The suggestion here made is applicable to all varieties, but applies with double force to those of recent introduction, which for the most part are grafted on the older forms, and consequently will soon be replaced by the growth from the stock unless that is kept in subjection.

NO OBSERVANT gardener is likely to gainsay the fact that both great successes and great failures often follow the care, or otherwise, of supposed trifles. What are sometimes imagined to be little matters, whether we have control or not over them, frequently make all the difference between these extremes, and, consequently, there often is only a very narrow margin between the two at the beginning.

ABERDEEN, S. D.—C. A. Spink's greenhouse was struck by lightning in a recent storm and considerable glass broken.

TRUE
ASPARAGUS
Plumosus Nanus
2-inch, $3.00 per 100; $25.00 per 1000. Express prepaid.
NEW CROP PANSY SEED—$4.00 per oz.; ¼-oz. at 1 oz. rate.
100,000
Calla Bulbs
WRITE FOR PRICES.
California Carnation Company,
LOOMIS, CAL.
Mention The Review when you write.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.
Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.
F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

Burbank's Shasta Daisy Seed
New crop 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.
LOOMIS FLORAL CO.
LOOMIS, CAL.
Mention The Review when you write.

Bassett & Washburn's Annual Clearing Sale of Choice Rose Plants

2000 AMERICAN BEAUTIES, 2½-inch pots	per 1000,	$40.00
5000 CHATENAY, 3-inch pots	"	50.00
4000 BRIDES, 2-inch pots	"	25.00
4000 MAIDS, 2-inch pots	"	20.00
12000 AMERICAN BEAUTY PLANTS from benches	"	25.00
12000 MAIDS AND BRIDES, GRAFTED PLANTS from benches $25.00 per 1000.		

ALL PLANTS SHIPPED FROM HINSDALE AND GUARANTEED CHOICE CLEAN STOCK, WELL GROWN.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO.

Mention The Review when you write.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA. S. S. SKIDELSKY, 024 N. 24th St., PHILADELPHIA

Mention The Review when you write.

ORCHIDS.

Arrived—Large shipments in SUPERB CONDITION.

See special adv. on page 211.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

Rose Stock.

Brides, Maids, Perles. Strong 2½-inch ready for shift, $2.50 per 100; $20.00 per 1000.

JAS. C. MURRAY, Peoria, Ill.

Mention The Review when you write.

10,000 Brides and Maids

A1 stock, ready for planting. Own roots, 3-in., ready for shift. $60 per 1000; 4-in., $100 per 1000.

GRAFTED STOCK. 3-in. Maids, $15 per 100; 4-in., Brides and Maids, $20 per 100.

Pittsburgh Rose and Carnation Co.
Crystal Farm, GIBSONIA P. O., PA.

Mention The Review when you write.

ROSE PLANTS FROM 2-INCH POTS

MAIDS and BRIDES, PRICE TO CLEAN OUT $20.00 per 1000

This is a cheap price but not cheap stock; it is first-class in every respect.

METEOR from 2½-inch pots, STRICTLY FIRST-CLASS, $15 per thousand.

AMERICAN BEAUTY, 3-inch, - - $40.00 per 1000

American Beauty Bushes

One year old, from benches, fine plants : : : $4.00 per 100

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. Liberty, 3½-in. pots, $18 per 100. Maids, Brides, Ivory, Golden Gates, 3½-in. pots, $15 per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

Roses

American Beauties. We have extra fancy 3-inch, 2½x3, and 2x2½. Let us know your wants, quantity you can use, and we will hold them for shipment to your order. Write GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

KAISERIN IVORY BRIDE BRIDESMAID

Plants from 2½-inch pots, $3.00 per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Belmoral Ave., CHICAGO.

Mention The Review when you write.

ROSE PLANTS

	Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00
50,000 Brides, 2½-inch pots	3.00	25.00
25,000 Brides, 3½-inch pots	4.50	35.00
50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Bridesmaids, 3½-inch pots	4.50	35.00
10,000 Liberty, 2½-inch pots	5.00	40.00
5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

TWO-YEAR OLD PLANTS FROM BENCHES.

American Beauty.....$6.00 per 100; $50.00 per 1000. Brides, (Grafted Stock)....$6.00 per 100; $50.00 per 1000.
Bridesmaid, (Grafted Stock).....$6.00 per 100; $50.00 per 1000.

WRITE FOR SPECIAL DISCOUNTS ON LARGE LOTS.

The Benthey-Coatsworth Co., 35 Randolph Street, Chicago

ROSE NIGHT AT ORANGE.

A deferred meeting of the New Jersey Floricultural Society was held at the society's rooms in Orange, N. J., on June 17. The postponement was caused by a desire to enjoy a special rose night. The tables were filled with the product of the estates in this neighborhood, chief among which were seven vases exhibited by John Crosby Brown, from the hand of Peter Duff, a separate stand being thought worthy of a vase of Baroness Rothschild of fine form. A large vase of a variety of blooms exhibited by William Runkle, raised by Dietrick Kindsgrab, not for competition, received the society's first-class certificate. The interest of the evening, however, centered in twenty-seven named varieties exhibited in the amateur section by a lady, one of A. D. Rose's clientele, entered in the name of her brother, C. H. Wilmer, of Montclair. It received a first-class certificate.

Other plants and flowers shown included a superb Cattleya gigas, remarkable for size and number of blooms and compact form, due probably to its having been grown near the glass. It was from William Barr and grown by Arthur Bodwell; a vase of white peonies of extraordinary size from Peter Duff; a seedling poppy closely resembling orientalis from A. C. Jenkins, of Llewellyn Park, grown by George Von Qualen; several vases from O. D. Munn, grown by John Hayes; sweet william from A. C. Van Gaasbeck, grown by William Bennett. In pots were several Nephrolepis Piersoni from Peter Duff, a specimen Phyllotænium Lindeni from William Runkle, and a large array of fruits and vegetables.

The judges of the evening were John L. Collins, John Hayes and Joseph B. Davis. One new member was placed in nomination.

J. B. Davis.

MADE GOOD MONEY.

I like the Review very much and could not well get along without it. Business has been very good this spring and the Review has helped me very much in buying stock. I have made good money out of the stock purchased from other florists.

B. W. Speece.

Carthage, Mo.

Kenosha, Wis.—H. D. Kamp, owner of the Kenosha Greenhouses and Nursery, purchased two years ago of Lewis Turner, has leased the greenhouses to C. G. Anderson, who will conduct a general florists' business.

THE BEST ROSES

Come from cool-grown stock plants

Kaiserins, 3-inch, $5.00 per 100. **Maids**, 3-inch, $5.00 per 100. **Brides** 3-inch, $5.00 per 100. **Liberty**, 3-inch, $8.00 per 100. **Sunrise**, 3-inch, $8.00 per 100. **Perles**, 3-inch, $8.00 per 100. All clean, young stock ready for planting. Cash or reference with order please.

CHARLES E. MEEHAN, Slocum and Musgrove Sts., GERMANTOWN, Philadelphia, PA.

ROSE PLANTS

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Am. Beauty	5.00	45.00
Bridesmaids	3.00	25.00
Brides	3.00	25.00
Perle	3.00	25.00
Golden Gate	3.00	25.00
Ivory	3.00	25.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

AMERICAN BEAUTY.

2-year-old plants from benches, $8.00 per 100; $25.00 per 1000.

GEORGE REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

ROSES

3000 Bridesmaid Roses

From 3½-inch and 4-inch pots.

Extra fine. For sale—**$4.50** per 100; **$40.00** per 1000.

E. T. GRAVE, RICHMOND, IND.

(WHOLESALE GROWER CARNATIONS and ROSES.)

Mention The Review when you write.

Rose Plants

EXTRA CHOICE. Guaranteed strong, healthy stock, in 3-inch pots.

Golden Gates	$4.50	per 100;	$35.00	per 1000
Brides	5.00	"	40.00	"
Bridesmaids	5.00	"	40.00	"
Mme. Chatenay	6.00	"	55.00	"

Above prices are cash with order.

JOHN BROD, - Niles Center, Ill.

ROSE PLANTS

Strong Stock from 2½-in. pots.

UNCLE JOHN

The finest pink rose yet introduced beautiful color, free bloomer, best money maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$5.00	$40.00
Sunrise	5.00	40.00
Am. Beauty, 3-inch	6.00	50.00
Kaiserin	2.50	20.00
Liberty	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Perle	2.50	20.00
Ivory	2.50	20.00
Golden Gate	2.50	20.00

2-YEAR-OLD PLANTS

From Benches

AMERICAN BEAUTY,

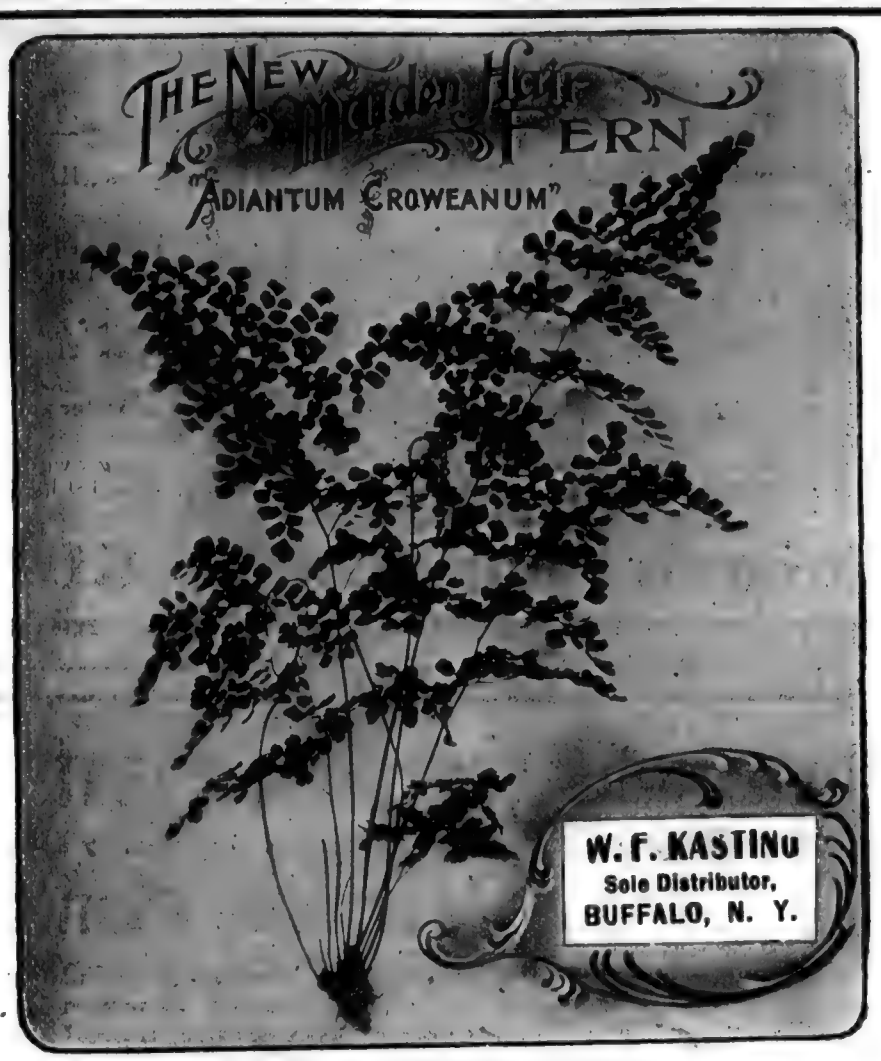
$6.00 per 100; $50.00 per 1000.

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

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GENERAL JOBBING AGENTS:

H. A. DREER, Philadelphia, Pa. W. W. BARNARD & CO., Chicago, Ill.
VAUGHAN'S SEED STORE, Chicago and New York.
LAKEVIEW ROSE GARDENS, Jamestown, N. Y.
F. R. PIERSON CO., Tarrytown, N. Y. E. G. HILL CO., Richmond, Ind.
C. C. POLLWORTH CO., Milwaukee, Wis. A. N. PIERSON, Cromwell, Conn.

The progressive, keen and discerning florist will this year buy of this standard introduction that is freely

Conceded to be the best of all Adiantums.

A GREAT ACQUISITION.

The best of all ferns for cut fronds. Brings the highest prices. The easiest to grow and the easiest to sell. Has received the highest encomiums from the leading cut flower dealers in the country.

ADIANTUM CROWEANUM originated at Utica, N. Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets, and has created a great demand for it. **Buy now.** Buy liberally and reap the benefits.

The fronds are **long,** elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

INTRODUCER'S DESCRIPTION. Free grower, the darkest green of the Adiantum family and longest stemmed. It has also the most graceful foliage; the average length of the fronds measuring 30 inches. It is by far the best keeper. Cut fronds can be kept fresh several weeks in a cool place. It is also one of the best ferns for a dwelling house. I have given presents of this fern to several Utica friends, and from my own observation note it grows better than the Boston fern. I gave up rose cultivation some ten months ago in order to devote all my attention to fern cultivation for cut fronds. I find from the same amount of bench room this fern pays me $1.50 to every $1.00 obtained from roses. PETER CROWE.

MANY STRONG ENDORSEMENTS GIVEN IN OUR CIRCULAR OF TESTIMONIALS. FREE ON REQUEST.

Will be ready to ship, July 1, 1904, out of 3-inch pots, strong plants, at the following prices:—**$5.00** per doz.; **$35.00** per 100; **$250.00** per 1000; 25 at 100 rate; 250 at 1000 rate.

Also Stock Plants from bench, in size requiring 8 to 10-inch pots, **$9.00** per doz.; **$67.50** per 100; **$600.00** per 1000.

A booklet on growing this Fern, by the originator, Mr. Crowe, free with every shipment.

WM. F. KASTING,

Sole Distributor. **383-87 Ellicott St., BUFFALO, N. Y.**

S. S. SKIDELSKY, Traveling Representative,
Mail address, 834 North 24th St., PHILADELPHIA, PA.

Pansy Seed.

Brown's Extra Select Superb Giant Prize Pansy Seed, my own growing.

NEW 1904 CROP.

Price mixed, 3000 seeds, $1.00.
¼ oz., $1.50; ⅛ oz., $2.50; 1 oz., $5.00.
¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00.
Cash with order.
Plants ready September 1.

PETER BROWN, Pansy Grower,

LANCASTER, PA.

Mention The Review when you write.

DRACAENA INDIVISA, 5-in., $3.00 per doz.

Latania Borbonica. We have a large stock and can ship perfect plants. 5-inch, 14-16 inches high, 4-6 leaves, $5.00 per doz.; $37.50 per 100. 6-inch, 16-18 inches high, 5-6 leaves, $7.00 per doz.; $50.00 per 100. 7-inch, 16-20 inches high, 7-8 leaves, $1.00 each; $12.00 per doz.

Asparagus Plumosus, 2-inch, $3.00 per 100.

Asparagus Sprengeri, strong, healthy stock, 2-inch, $3.00 per 100; 3-inch, $6.00 per 100; 4-inch, $1.50 per doz., $12.00 per 100.

A Fine Assortment of 2-inch Ferns for fern dishes, at $3.00 per 100; $25.00 per 1000.

Send a postal for complete price list of all Palms and Ferns.

GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

A A SEEDS.

PRIMROSE IMPROVED CHINESE.

Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Plants ready in July, $2.00 per 100.

CINERARIA—Finest large flowering dwarf, mixed, 1000 seeds, 50c. Plants ready in July.

PANSY—Finest Giants, mixed, critically selected, 5,000 seeds, $1.00; half pkt., 50c,

☞ 500 seeds of Giant "Mme. Perret" added to every $1.00 pkt. of Giant Pansy seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP,

The Home of Primroses. SHIREMANSTOWN, PA.

Mention The Review when you write.

Primroses

	Per 100.
Chinese, 2-inch pots	$2.00
Obconica Alba Rosea	2.00
Forbesi, all ready in July	2.00
1000 Smilax	1.25

Asparagus

	Per 100.
Plumosus Nanus seedlings	$1.75
" 2-inch pot, July	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed $4.50 per 1000.	

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

CHRYSANTHEMUM CUTTINGS!

2¼-inch pots.

Glory Pacific, Black Hawk, Kalb, M. Wanamaker, John Lager, $2.00 per 100.

Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

Rooted Cuttings at half above rates.

C. W. BLATCHLEY, Plantsville, Conn.

Mention The Review when you write.

Roses Special low prices to close out Roses

Fine strong 3 inch Brides, Maids, Ivory and Gates, $5.00 per 100, $45.00 per 1000. Perles and Meteors, $6.00 per 100, $50.00 per 1000. Beauties, **$7.00 per 100, $60.00 per 1000.**

2½-inch Brides and Ivory, $2.50 per 100, $23.00 per 1000, Perles, $3.00 per 100, Beauties, $4.00 per 100.

Fine 3-inch Vincas for stock, $5.00 per 100; 2-inch $2.50.

We have a few hundred bench Beauties cut back and established in 4-in. pots, fine to plant now, at $8.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

GUARANTEED FERTILIZERS

We sell and carry in stock only the best grades of Fertilizers, cheerfully mailing samples and giving guaranteed analysis.

HUNT'S PURE BONE MEAL FOR GREENHOUSES. Our regular brand that has given universal satisfaction. It has no superior; is pure bone, guaranteed free from acids and is sold at as low a price as many inferior brands which cannot be used with safety in greenhouse culture. 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1000 lbs., $15.00; 2000 lbs., (ton) $27.50.

PURE BONE MEAL SIFTED. This is our regular brand of bone meal except that it has been put through sieves, making the grade absolutely uniform. 11 per cent of this is immediately available and soluble in water. 100 lbs., $2.25; 200 lbs., $4.00; 500 lbs., $9.00; 1000 lbs., $16.50; 2000 lbs., (ton) $30.00.

PURE BONE FLOUR. This is our regular brand bone meal ground to a fine flower, 17 per cent being immediately soluble in water and available. Just the thing to use for quick action. 100 lbs., $2.50; 200 lbs., $4.50; 500 lbs., $10.00; 1000 lbs., $17.50; 2000 lbs., (ton) $32.50.

PURE PULVERIZED SHEEP MANURE. One of the most effective fertilizers and used largely by the most prominent growers. Our brand is guaranteed free from foreign substances, seeds and guaranteed pure. Analysis and samples cheerfully sent on request. 100 lbs., $1.50; 500 lbs., $5.00; 2000 lbs., (ton) $16.50.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

TORONTO.

The Market.

Trade during June is not considered to be up to former years. This may be more noticeable on account of the heavy supply of all kinds of flowers. Roses and carnations have been especially plentiful and good carnations have been quoted during the week at $5 per thousand. However, at present writing the demand seems to be a little better, the supply decreasing somewhat. The outlook for the balance of the month is better than the forepart of it. Peonies are with us in quantity and are bringing good prices. The demand for this flower seems to be increasing every year and in the short season that it runs a great quantity of them are handled.

Various Notes.

J. S. Simmons has just finished renovating his store and has certainly added very materially to the appearance by the addition of several very large mirrors, together with the general overhauling of the interior. He is aiming to make up in style and appointments what his store lacks in location.

D. J. Sinclair has just returned from a two weeks' trip in Muskoka lakes where he spent the time in fishing.

D. J.

INDIANAPOLIS.

According to the Sentinel, A. Wiegand & Sons are one of the oldest firms of the kind in the city, the business having been founded by Anthony Wiegand, who still remains at its head, nearly half a century ago. Later he admitted his two sons to partnership, George B. and Homer L. Wiegand. The establishment maintained is one of the most extensive of its kind in the state and consists of large greenhouses, offices and salesrooms at Nos. 1610 to 1620 N. Illinois street, and gardens and hotbeds on the corner of Thirtieth and N. Illinois streets. The former covers fully half a square, there being 40,000 feet of glass in the greenhouses. The gardens and hotbeds are devoted especially to the raising of early spring flowers, garden plants, etc. Wiegand & Sons enter into practically every department of floral work. They have built up a large and increasing business entirely by their own able efforts and won wide popularity by their enterprise, courtesy and upright business methods.

Always mention the Florists' Review when writing advertisers.

Greenhouse and Vegetable Plants

2¼-inch stock in A No. 1 condition. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, yellow, $3.00 per 100; $17.50 per 1000.		
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney	40c	$2.00
Asparagus Sprengeri, 2¼-in	50c	3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Coleus, 15 var., $15.00 per 1000	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.00

GERANIUMS.

In good variety.

$2.00 per 100; $20.00 per 1000.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety, per 1000, $15.00	40c	2.00
Lemon Verbena, per 1000, $20.00	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50	40c	2.00
Maranta Massangeana	75c	4.00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3.50
Smilax, per 1000, $15.00		2.00
Strobilanthes Dyerianus	50c	2.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2¼-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

Vegetable Plants

On Cabbage, Tomato and Celery we are prepared to make special price on large lots.

CABBAGE—Early and Charleston Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

TOMATOES—Earliana, 40c per 100 $2.00 per 1000. Stone, Paragon, Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—Boston Market, Dwarf Golden Heart, Giant Pascal, Pearl Le Grand, Pink and White Plume and Celeriac, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

KOHL-RABI and Brussels Sprouts, 25c per 100; $1.50 per 1000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

Send for trade price list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

Specimen Ferns

We have in fine plants, Bostons at $1.50, $2.00, $2.50 and $3.00. Also Piersoni at $1.50, $2.00, $2.50, $3.50 to $5.00. Both in smaller sizes, 2½, 3, 4, 5, 6, 7, 8 and 10-inch. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

CHRYSANTHEMUMS

From 2½-inch pots, $2.00 per 100; $18.00 per 1000, Bonnaffon, White Bonnaffon, Ivory, Pacific, Bergmann, Adele, Bride, Wanamaker, Halliday, Appleton, McKinley, Alice Byron and White Pompon. Extra fine strong plants. Rooted cuttings of same varieties 75c per 100.

HYDRANGEA.

Otaksa, pink and blue, strong rooted cuttings, 75c per 100; 4-inch pots, 6c; 6-inch pots, 10c; 8-inch pots, 20c. Very good plants for growing on.

GENISTA.

4-inch pots, large flowering, 6c each.

STEVIA.

3-inch pots, 3c each. Rooted cuttings 75c per 100. Must be sold previous to removal.

Make me an offer for large quantities.

A. A. J. La ROCHE, Collingdale, Pa.

Mention The Review when you write.

4000 Fine, Strong Tomato Plants

10-12 inches, D. Champion and Beauty, $6.50 per 1000. Jersey Wakefield cabbage, $2.25 per 1000.

PEPPER—Ruby King, 40c per 100; $2.50 per 1000. Chinese Giant, $1.00 per 100.

PANSY PLANTS—$3.00 per 1000.

ALLEGHENY HOLLYHOCKS—Large plants, $2.00 per 100.

F. GRISWOLD, :: Worthington, O.

Mention The Review when you write.

CHRYSANTHEMUM

ROOTED CUTTINGS.

	Per 100		Per 100
Yellow Eaton	$2.50	Col. Appleton	$1.50
Viviand-Morel	2.50	Bonnaffon	1.50
Chadwick	2.50	Monrovia	1.50
Timothy Eaton	2.00	Halliday	1.50
Willowbrook	2.00	Omega	1.50
Mrs. Jerome Jones	1.50	Ivory	1.50
Yellow Jones	1.50	Dalskov	1.50
Robinson	1.50		

POT PLANTS—2½ and 3-inch pots. Baden Powell Louis Leroux, Mlle. Douillett and Chadwick, $5.00 per 100. Golden Wedding and Yellow Jones, $4.00 per 100. Jerome Jones, Appleton, Glory of Pacific and Murdock, $3.00 per 100.

COLEUS—2½-in., $2.50 per 100.

ROSES—Brides, Bridesmaid, Meteor, Golden Gate, Ivory, 2½-in. rose pots, $3.50 per 100.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

CHRYSANTHEMUMS

Young Stock, 2½-inch Pots, Ready Now.

	Each	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	32.00
Mrs. Nathan Smith, extra fine white	.50	5.00	35 00
S. T. Wright magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M. Liger	5 00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100 Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 1 0. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock, $12 00 per 100.
3-inch stock, fine specimen, 35.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

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BOUVARDIAS.

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and many other varieties too numerous to mention, at $3.00 per 100; $25.00 per 1000. Not less than 250 plants and 25 of a kind at 1000 rate.

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White.	R. C. Per 100	2½-in. Per 100
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KANSAS CITY.

Florists in Kansas City report quiet business for the last week. Stock is scarce and very poor. Roses are small and carnations no better. American Beauties are all off crop. Out of town shipping trade was about all we had.

Mr. and Mrs. Ed. Ellsworth and family leave for St. Louis Monday night to be gone about ten days or two weeks at the Fair.

The death of Richard Jarrett, one of our oldest florists, occurred Saturday, June 18, aged 62 years. He has been in the greenhouse business here since 1870 and leaves a wife and seven children.

L. M. S.

STONEHAM, MASS.

Mrs. Hattie Frost Parker, wife of Arthur S. Parker, a leading florist of this place, died June 9, aged 38 years. Besides the bereaved husband two children are left to mourn her loss. Mrs. Parker was active in church and charitable work and enjoyed a large circle of acquaintances. During her illness of several months the esteem in which she was held in the community was shown by the many kind ministrations of neighbors and friends, for which the bereaved husband is deeply grateful. She was an active member of the Unitarian Church of Stoneham, a charter member of the Old People's Home of that town, a member of Helpers' Circle, Kings Daughters. Possessed of an attractive personality, sympathetic by nature and with a rare faculty of making lasting friendships, her demise is mourned. Funeral services were held Sunday, June 12, Rev. William Lloyd, of the Unitarian Church, assisted by Rev. Fister, of Arlington, officiating. The services were largely attended by relatives and friends, and the floral tributes were magnificent, the display being rarely equaled at a private funeral. Among the tokens of regard was a very fine standing wreath from the flower growers of Boston, Mr. Parker's business associates.

Baltimore, Md.—William Halliday recently sold the greenhouse property which has been occupied for many years, but has now secured a new and very desirable location near the Liberty road, where a large establishment will be built up.

Red Bank, N. J.—The premium list has been issued for the seventh annual exhibition of the Monmouth County Horticultural Society to be held here November 1 and 2. Copies of the list will be sent by H. A. Kettel, Fairhaven, N. J.

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Ready for delivery. Strong Plants. From the bench or 2¼-inch pots $4.00 per doz., $25.00 per 100, $200.00 per 1000. 6-in. pot plants, $2.00 each; 8-in. pans, $3.50 each; 10-in. pans $5.00 each.

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Extra fine strong plants, 3-in. pots.

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50,000 SMILAX.

From 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

PETUNIAS.

These Double Fringed ones — 6 beauties — 2¼-inch, $1.50 per 100. We have 5000 left.

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Special Price List on above.

Pyramids, 8 to 14 feet high; Standards, 24 in. to 66 in. head will be mailed on application.

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True Plumosus Nanus, strong plants from seed sown January and February, $12.00 per 1000; 250 at 1000 rate: $1.50 per 100. Cash with order, prepaid to destination. Send for samples. Large lots, write us for prices.

Sprengeri, strong seedlings, once transplanted, 80c per 100; $6.50 per 1000, prepaid.

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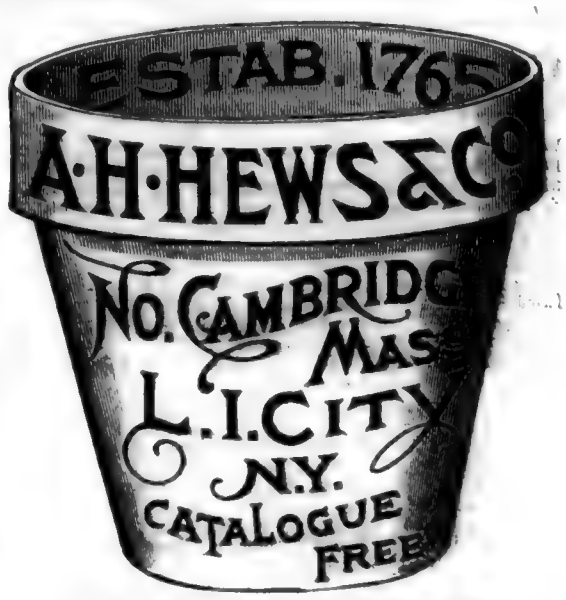
from 2-inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1000; Imperial, $25.00 per 1000. Princess of Wales from 2½-inch pots, $3.00 per 100.

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100,000 Bedding Plants in Geraniums, Fuchsias, Lantanas, Coleus, Lemon Verbenas, Asters, Single and Double Petunias, Ageratums, Dracaenas, German Ivy, Vinca, Lobelia; Alternantheras, Red and Yellow, etc.

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$8.00 per 1000; Cash or C.O.D.

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Asparagus Plumosus

From flats, ready for potting, $2.00 per 100; $18.00 per 1000. 2-inch, $3.00 per 100.

Roses. Brides, Bridesmaids and Golden Gates, 2-inch, $2.00 per 100.

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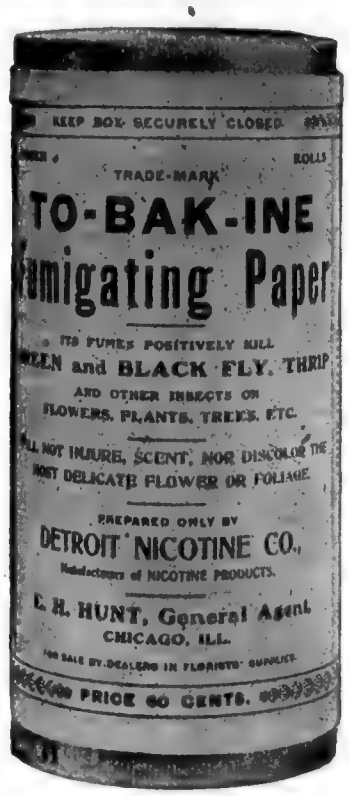
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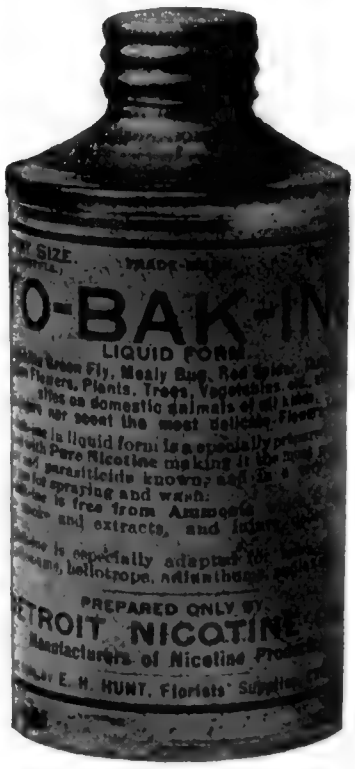
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Used and Endorsed by Leading Growers from the Atlantic to the Pacific.

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Dear Sir:—It is the most satisfactory agent for the destruction of Greenfly ever brought to our notice; clean, quickly applied and effective. As you know, we have been heavy buyers of this product, all of which has been used in our own greenhouses. And as actions speak louder than words, we think no recommendation on our part is necessary. F. R. & P. M. PIERSON.

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We have given To-Bak-Ine (Fumigating Paper) a fair trial and are more than pleased with the results. To-Bak-Ine certainly does the work and in short order, too. Yours truly, E. W. McLELLAN.

TO-BAK-INE Fumigating Paper

Is an especially prepared paper **thoroughly saturated** with pure **nicotine**, making it the most powerful insecticide known. The ease with which it is used and the fact that it **does not** injure any flower or plant strongly recommends it.

1 box (12 rolls).....60c; 1 box (144 rolls).....$6.50.

To-Bak-Ine Fumigating Paper sheets measure full 36 inches. They are longer and contain over 25 per cent. more **nicotine** than other similar products.

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Quarter pint can, 60c; half pint can, $1.10; 1 pint can, $2.00; 1 gallon can, $15.00.

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Dear Sir:—The To-Bak-Ine Fumigating Paper is all right. We will order some more of it as soon as we need it. It is the thing to use on teas. Very respectfully, HELLER BROS.

TO-BAK-INE Fumigating Powder

Kills all kinds of APHIS.

"AN ARTICLE OF MERIT -- UNIFORM IN STRENGTH." Produces a **slow** fumigation which in some cases is very desirable. It is **unlike** any other powder in the market as it contains **no sand**; **freed** from **all ammonia**, and a definite amount of **pure nicotine is added**, making it **uniform.**

50-lb. bag .....$1.50; 100-lb. bag .....$3.00.

Full directions for using in our descriptive booklet, sent free.

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Dear Sir:—At last I think you have found a perfect article for the destruction of aphis, etc. in the greenhouse. The sample which you sent me for trial of your new Fumigating To-Bak-Ine even killed the black fly on chrysanthemums. Its price is also within reach of all florists and so simple and easy in its application. Yours, GEO. A. RACKHAM.

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Dear Sir:—Please ship us at once C. B. & Q. freight, 200 pounds To-Bak-Ine Powder. It's good stuff. Yours truly, CHAPIN BROTHERS.

Send for our booklet "WORDS OF WISDOM," by leading growers, containing directions and cost of using To-bak-ine Products.

FOR SALE BY ALL RELIABLE SUPPLY DEALERS.

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VIOLETS

from 2 inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1000; Imperial, $25.00 per 1000. Princess of Wales from 2½ inch pots, $3.00 per 100.

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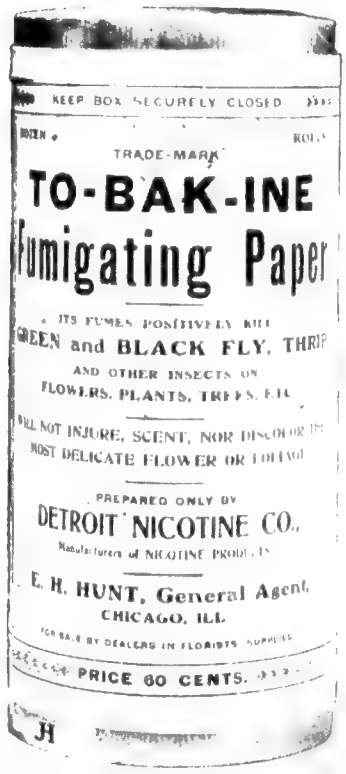
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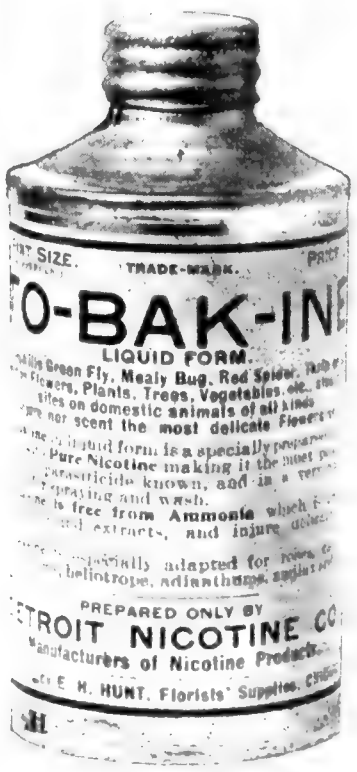
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Used and Endorsed by Leading Growers from the Atlantic to the Pacific.

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HENRY F. MICHELL CO., Philadelphia.

Dear Sir:—It is the most satisfactory agent for the destruction of Greenfly ever brought to our notice; clean, quickly applied and effective. As you know, we have been heavy buyers of this product, all of which has been used in our own greenhouses. And as actions speak louder than words, we think no recommendation on our part is necessary. F. R. & P. M. PIERSON

BURLINGAME, CAL., Sept. 18, 1903.

E. H. HUNT, Florist, Chicago, Ill.

We have given To-Bak-Ine (Fumigating Paper) a fair trial and are more than pleased with the results. To-Bak-Ine certainly does the work and in short order, too. Yours truly
E. W. McLELLAN

TO-BAK-INE Fumigating Paper

Is an especially prepared paper **thoroughly saturated** with pure **nicotine,** making it the most powerful insecticide known. The ease with which it is used and the fact that it **does not** injure any flower or plant strongly recommends it.

1 box (12 rolls).....60c; 1 box (144 rolls).....$6.50.

To-Bak-Ine Fumigating Paper sheets measure full 36 inches. They are longer and contain over 25 per cent. more **nicotine** than other similar products.

TO-BAK-INE LIQUID

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Full description and directions found in our To-bak-ine booklet, sent free.

Quarter pint can, 60c; half pint can, $1.10; 1 pint can, $2.00; 1 gallon can, $15.00.

MT. CLEMENS, MICH., Nov. 6, 1903.

E. H. HUNT

Gentlemen:—Having used your To-Bak-Ine products in all its forms, will say that your To-Bak-Ine Liquid is the article for our purpose, as it does its work effectively without injuring the most sensitive blooms and it is so easily applied. You can book us as regular customers, as we are more than pleased with same. Yours very truly. JOHN BREITMEYER'S SONS

NEW CASTLE, IND., October 1, 1903.

E. H. HUNT, Chicago.

Dear Sir:—The To-Bak-Ine Fumigating Paper is all right. We will order some more of it as soon as we need it. It is the thing to use on teas. Very respectfully. HELLER BROS.

TO-BAK-INE Fumigating Powder

Kills all kinds of APHIS.

"AN ARTICLE OF MERIT -- UNIFORM IN STRENGTH." Produces a **slow** fumigation which in some cases is very desirable. It is **unlike** any other powder in the market as it contains **no sand, freed** from **all ammonia,** and a definite amount of **pure nicotine is added,** making it **uniform.**

50-lb. bag .... $1.50; 100-lb. bag .... $3.00.

Full directions for using in our descriptive booklet, sent free.

DETROIT, MICH., October 26, 1903

E. H. HUNT

Dear Sir:—At last I think you have found a perfect article for the destruction of aphis, etc. in the greenhouse. The sample which you sent me for trial of your new Fumigating To Bak Ine even killed the black fly on chrysanthemums. Its price is also within reach of all florists and so simple and easy in its application. Yours. GEO. A. RACKHAM

LINCOLN, NEB., Jan. 1, 1904

E. H. HUNT, Chicago

Dear Sir:—Please ship us at once C. B. & Q. freight, 200 pounds To-Bak-Ine Powder. It's good stuff. Yours truly. CHAPIN BROTHERS

Send for our booklet "WORDS OF WISDOM," by leading growers, containing directions and cost of using To-bak-ine Products.

FOR SALE BY ALL RELIABLE SUPPLY DEALERS.

E. H. HUNT, 76-78 Wabash Ave., Selling Agent, CHICAGO

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons Souv. de Bonn, Eclipse, Golden Bell, Infanta Eulalia, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

ACALYPHAS.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHILLEAS.

Achillea The Pearl, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, 10,000 fine plants, 2¼-in., best red and yellow, $20.00 1000. Cash with order, please.
Bonnie Brae Greenhouses, New Rochelle, N. Y.

Alternantheras, red and yellow, strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneva, Ill.

Alternantheras, yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

4000 alternantheras, $2.50 100; $20.00 1000.
L. Boelsen, Elmhurst, L. I., N. Y.

ALYSSUM.

Alyssum Dbl. Giant, 2½-in. pots, bushy plants, $2.00 per 100.
G. W. Renard & Bro., Avondale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50 to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann, 1012 Ontario St., Phila., Pa.

ARBOR-VITÆ.

Seedling Biotas, fine 2½-in. plants, $1.50 per 100. Cash. S. B. Ritter, Port Royal, S. C.

ASPARAGUS.

Asparagus plumosus nanus, strong plants from seed sown January and February, $12.00 1000; $1.50 100; 250 at 1000 rate. Send for samples. A. Sprengeri, strong seedlings once transplanted, 80c 100; $6.50 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready now.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus out of 2-inch pots, good, strong plants, ready for shipment July 1, at $2.50 per 100, $22.50 per 1000. Cash with order. The Livingston Seed Co., Columbus, O.

Asparagus plumosus nanus, from flats ready for potting, $2.00 per 100; $17.50 per 1000. Cash. J. H. Fiesser, 415 Summit Av., West Hoboken, N. J.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 5000 plants, choice stock from 3 to 7-in. pots, to close out at a bargain. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus seedlings, ready for potting, $12.00 per 1000. Express prepaid.
Drake Point Greenhouses, Yalaha, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus, from flats ready to pot, $2.00 100, $18.00 1000; 2-in., $3.00 per 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, strong stock, cool grown, 4-in., ready to shift, $10.00 per 100.
John C. Hatcher, Amsterdam, N. Y.

Asparagus plumosus, 4-in., $10.00; 8-in., pans, $50.00 100. Sprengeri, 4-in., $6.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, strong 2½-in. plants, ready to shift, $2.00 per 100. Cash.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus nanus, 2-in., $3.00 100, $25.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, 2½-in., $3.00 100; $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus, 3-inch, $6.00; Sprengeri, 5-inch, $15.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri and plumosus all sizes. Write. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus clumps, 5, 6, 7-in., $8.00 100. Vern L. Schluraff, Erie, Pa.

2000 Asparagus Sprengeri, strong 3-in., $4.00 100. Walker & McLean, Youngstown, Ohio.

Asparagus Sprengeri, 2-inch, $2.00 100.
Dean Ferris, Peekskill, N. Y.

ASTERS.

Asters. Large transplanted plants of Hohenzollern, white and rose pink; Semple's Branching, red, rose pink; Daybreak, purple; White, Victoria, Giant Comet and Queen of the Market, mixed, per 100, $1.00; too large to mail. Cash. J. Sylvester, Oconto, Wis.

Aster plants, Semple's Queen of the Market, Perfection, Comet and Hohenzollern, large, stocky plants, $1.50 per 500, $2.50 per 1000, by express. Gustav Pitzonka, Bristol, Pa.

Asters Semple's and Queen of the Market, mixed colors, white, shell pink, rose, purple and lavender, $2.00 per 1000. Cash with order.
A. & G. Rosbach, Pemberton, N. J.

Asters. Semple's crimson, lavender, Mary Semple and white, $2.50 per 1000. Cash. See vegetable plant advertisement.
Byer Floral Co., Shippensburg, Pa.

Asters Semple's Branching—pink, white and lavender, separate colors; strong plants, 60c per 100, $5.00 per 1000. Cash.
Chase & Son, New London, Ohio.

Aster plants. Queen of the Market and Semple's white, pink and lavender, large plants, $2.50 per 1000; 300 for $1.00.
J. C. Schmidt Co., Bristol, Pa.

Aster plants. Extra fine Early Market, white, Purity and Vick's Branching, white and mixed, 50c 100; $3.95 1000. Cash.
Ray H. Palmer, Randolph, N. Y.

Asters. Semple's Branching, Truffaut and Victoria in separate colors, transplanted stock, $1.50 per 100.
Walker & McLean, Youngstown, Ohio.

Asters. Semple's and Queen of the Market, separate colors, strong plants, 30c per 100 by mail. S. W. Pike, St. Charles, Ill.

Seedling China asters, chrysanthemum flowering, just right to plant, $3.00 per 1000. Cash.
W. H. Drake, Kenosha, Wis.

500 Victoria white and Semple's pink branching; strong, transplanted, $1.00 per 100. Cash.
C. L. Walker, Belmont, N. Y.

A few Semple's Branching asters, mixed colors, seedlings, 50c per 100, prepaid.
G. A. Dudley Co., Newmarket, N. H.

Asters in all varieties and mixed transplanted, 60c 100; $5.00 1000.
Converse Greenhouses, Webster, Mass.

Vick's branching, white and rose, $2.00 per 1000.
Port Allegany Greenhouses, Port Allegany, Pa.

Asters for cut flowers. Write for prices.
C. L. Reese, Springfield, Ohio.

Aster plants, $5.00 per 1000.
Crown Point Floral Co., Crown Point, Ind.

BAY TREES.

Bay trees, palms, decorative plants, orchids, all sizes. Apply to
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, nice 2-in., stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100. A. Jablonsky, Wellston, St. Louis, Mo.

Begonias, 2½-in. Rubella, Star, Erdody, $5.00 per 100. Rubra, metallica, Pres. Carnot, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, 2-in., $2.50; rooted cuttings, $1.10. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Begonias, assorted, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

BERRIED PLANTS.

Christmas peppers, nice plants from 2-in. pots, $2.25 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

BOUVARDIAS.

Bouvardias dbl. pink and white; single scarlet, $3.00 100. Levant Cole, 89 Wendall St., Battle Creek, Mich.

Bouvardias, red, white, pink; good, strong plants out of 2½-in. pots, $4.00 100.
John Holt, North Wales, Pa.

Bouvardias, scarlet, pink and white, 2-in., $2.00 100.
C. Eisele, 11th and Jefferson Sts., Philadelphia.

BULBS.

Lilium Harrisii, the SEMPER IDEM brand:

				100	1000
5x7,	400	to	case	$4.00	$35.00
6x7,	300	to	case	4.75	45.00
7x9,	200	to	case	8.00	75.00
9x11	100	to	case	16.00	150.00

H. H. Berger & Co., 47 Barclay St., N. Y.

TUBEROUS ROOTED BEGONIAS.	Special price to clear	Doz.	100	1000
Single, separate colors		20c	$1.25	$10.00
Double, separate colors		25c	1.50	12.00
Choice gloxinia bulbs, separate colors		25c	1.50	.....

Johnson & Stokes, 217-219 Market St., Phila.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for price, stating kinds and quantities required.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

BARNARD'S lilies are the best. The true type of Harrisii is never too plentiful. Write now.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Zephyranthes, Milla, Crinum, Cooperia, Amarylles. Resurrection plants, Cacti, Agaves. Write for prices. William Tell, Austin, Tex.

Amaryllis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

100,000 calla bulbs. Write for prices.
California Carnation Co., Loomis, Cal.

CACTI.

CACTI.
All Mexican sorts are sold by
J. Balme & Co.,
Box 628, Mexico City, Mexico.

Sound cacti in variety, $5.00 100 and upwards.
William Tell, Austin, Tex.

CANNAS.

Cannas, strong plants, 3½-inch pots in following varieties, $6.00 100: Mme. Crozy, Queen Charlotte, Pres. Carnot, Burbank, Chas. Henderson, A. Bouvier, Egandale, Italia.
Glenville Nursery, Tarrytown-on-Hudson, N. Y.

Cannas, out of 4-in. pots, strong plants. Alphonse Bouvier, McKinley, Duke of Marlborough, Souv. de Antoine Crozy, Florence Vaughan, $5.00 per 100.
MARK AITKEN, Springfield, Mass.

Cannas, 3 and 4-in. pots, Tarrytown, A. Bouvier, C. Henderson, $5.00 per 100.
W. P. Ranson, Junction City, Kan.

Cannas Austria, strong plants from 2½-in. pots, $3.00 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

Cannas Queen Charlotte and Egandale, 4-inch, $5.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

Canna Chas. Henderson, started, $2.00 per 100. Carl Hagenburger, West Mentor, O.

1000 cannas, 4-in., standard varieties, 6c.
Otis F. Searles, L. B. 288, Nashua, N. H.

CARNATIONS.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

A few healthy carnation cuttings from soil, Mrs. Potter Palmer, $2.50 100; Lorna, $2.00 100; Mrs. Nelson, $2.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations, asst., 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

CENTAUREAS.

Centaurea gymnocarpa, 3-in., $3.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

Centaureas, fern leaved, fine plants, $3.00 100.
F. A. Baller, Bloomington, Ill.

CHRYSANTHEMUMS.

Rooted chrysanthemum cuttings:
G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Minerva, John Shrimpton, Philadelphia, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Adula, Golden Wedding, W. H. Lincoln, Nagoya, Timothy, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
Wm. F. Kasting, Buffalo, N. Y.

WM. DUCKHAM chrysanthemum. We have 1200 fine plants of this wonderful variety to sell. Plants are grown from top cuttings, propagated the end of April, and have been in flats since May 16, and are now excellent stock for planting out. We offer these plants at $3.00 per doz.; $10.00 per 50; $18.00 per 100. Can not accept orders for less than 12.
Highland Park Greenhouses, Tel. 85, Highland Park, Ill.

Chrysanthemum Mme. F. Bergmann, still the finest of all early whites; large in size. Will produce high class blooms in any of the southern states without protection, by October 10. A large stock in fine condition. From 2-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100. Write for prices on larger lots.
Morton's Evergreen Lodge, Clarksville, Tenn.

35,000 chrysanthemums all from 2¼-in. pots, in fine growing condition. T. Eaton, Appleton, Ivory, Bonnaffon, Maud Dean, Mrs. Murdock, Yanoma, R. Halliday, Willowbrook and many more at $2.25 per 100, $20.00 per 1000.
300 plants for $5.00 cash, our selection. All orders shipped same day as received.
Coolidge Bros., South Sudbury, Mass.

Chrysanthemum cuttings, 2¼-in. pots. Pacific, Blackhawk, Kalb, Wanamaker, Liger, $2.00 100. Pink and White Ivory, Mrs. Robinson, Bonnaffon, Appleton, $2.50 100. Maud Dean, Mrs. Coombes, Chadwick, Jones, Harriott, Golden Wedding, $3.00 100. Rooted cuttings, ½ of above rates.
C. W. Blatchley, Plantsville, Conn.

Mums from 2½-in. pots, $2.00 100; $18.00 1000, Bonnaffon, White Bonnaffon, Ivory, Pacific, Bergmann, Adele, Bride, Wanamaker, Halliday, Appleton, McKinley, Alice Byron, White Pompon; extra fine strong plants. Rooted cuttings of same var., 75c 100.
A. A. J. La Roche, Collingdale, Pa.

Chrysanthemums. To make room we will sell the following mums, and they are good plants, at $16.00 per 1000; $1.75 per 100: Col. D. Appleton, Opah, white, Fitzwygram, Intensity, Yellow Bonnaffon. Cash, please, or C. O. D. Samples 10c.
A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemums for June and July planting. Not remnants of spring stock, but nice young plants grown especially for this purpose and in varieties sure to produce fine blooms. For list of varieties and prices see display adv. in this issue. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, large-flowering or aster variety, 2¼-in., $3.00 100; small-flowering or button variety, 2¼-in., $2.00 100. Our pamphlet containing description, with cultural directions, of over 125 varieties, mailed free. R. Vincent Jr. & Son, White Marsh, Md.

10,000 chrysanthemums, 2 and 2¼-in. G. Pacific and Polly Rose, $1.50 per 100. Col. Appleton, $1.75 per 100. T. Eaton, $2.00 per 100. F. J. Taggart, $4.00 per 100. 25 and 50 at 100 rate. A. B. Campbell, Cochranville, Pa.

Chrysanthemums, nice, young plants from 2-in. pots, $2.00 per 100. Mrs. O. P. Bassett, Ivory, Estelle, Mrs. Jerome Jones, Maud Dean, Mrs. Egan, Major Bonnaffon, Glory of the Pacific, Col. Appleton and Mme. Bergmann.
The Fairview Floral Co., Beatty, Ohio.

Chrysanthemums, strong 2-in. pot plants, $2.50 per 100, $20.00 per 1000. Polly Rose, Appleton, Silver Wedding, W. A. Richardson, Columbia, Ivory, White Bonnaffon, Merry Christmas and 20 other leading varieties.
Chas. W. Reimers, Hite Ave., Louisville Ky.

Chrysanthemums, all the best and most popular varieties, in 2½-in. pots and rooted cuttings. See display adv. for varieties and prices.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums, fine plants, 2½-in., $2.00; 3-in., $3.00. Robinson, Eaton, Jones, Appleton, Maud Dean, Bonnaffon and Chadwick.
E. Manthey, Jr., St. Bernard, Ohio.

Chrysanthemums Walter Molatsch from 2½-in. pots, $2.00 per 100. Jerome Jones and White Bonnaffon, $15.00 per 1000; $2.00 per 100. Rooted cuttings of Jones, $1.00 per 100. Good stuff. Cash.
R. Pabst, Rutledge, Del. Co., Pa.

20,000 mums from 2-in., $3.00 per 100. Rooted cuttings, $2.00 per 100. Prime stock Eaton, Pacific, Bonnaffon, White Queen, Niveus, Dean, Ivory, White Cloud and Yellow Queen.
L. I. Neff, 218 6th St., Pittsburg, Pa.

Chrysanthemum plants from 2¼-in. pots. Major Bonnaffon and Mrs. Robinson, $2.25 per 100. Chadwick, $2.75 per 100.
Otto Hansen, Mont Clare, Ill.

Chrysanthemums. Rooted cuttings of Pres. Smith, Mrs. H. Robinson, Lincoln, Modesto and Queen, $1.25 100; $10.00 1000.
Chase & Son, New London, O.

4000 surplus chrysanthemum plants, 28 leading varieties, fine plants in 2½ and 3-in. pots, $2.00 per 100.
Geo. Hancock & Son, Grand Haven, Mich.

2000 chrysanthemum plants, best named varieties, 2-in. pots, $2.50 per 100, or the lot for $30.00 cash.
M. Weiland, 602 Davis St., Evanston, Ill.

Bonnaffon, Robinson, Bassett, J. H. Brown, Golden Wedding, Col. Appleton, 2½-in., $2.00 100.
Wm. B. Sands, Lake Roland, Baltimore, Md.

Chrysanthemums White Maud Dean, strong plants from 2½-in. pots, $2.50 per doz., $15.00 per 100. Evenden Bros., Williamsport, Pa.

Chrysanthemums. Young stock, 2½-in., ready now. See display adv. for varieties and prices.
H. Weber & Sons, Oakland, Md.

Bonnaffon, Maud Dean, Ivory, out of 2¼-in. pots, $2.25 100. Rooted cuttings, $1.50 100.
A. D. Montgomery, Hazleton, Pa.

YELLOW EATON, $2.40 a 100. Rooted cuttings of Timothy Eaton, $1.25 a 100.
Otto H. Bourdy, Lowell, Mass.

We are headquarters for all the novelties in chrysanthemums. Send for our list.
C. H. Totty, Madison, N. J.

Rooted chrysanthemum cuttings. For varieties and prices see display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemums, 2½-in., asst. vars., $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

CINERARIAS.

Cinerarias. Finest large flowering dwarf, July delivery.
John F. Rupp, Shiremanstown, Pa.

CLEMATIS.

Large flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots at 18c; 1-yr., from 3-in., 9c. C. paniculata, from 4 and 5-in. pots, 12c.
W. H. Salter, Rochester, N. Y.

Clematis paniculata seedlings from flats, $3.00 per 500; $5.00 per 1000. Cash with order.
Frank Jencek, Jamestown, R. I.

Clematis, leading varieties, pot-grown, $2.50 per doz. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hammer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
N. O. Caswell, Delavan, Ill.

Coleus, 2-in., 10 varieties, $1.60 100, $15.00 1000; rooted cuttings, 60c per 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Coleus, Golden Bedder and Verschaffeltii, fine plants, from 2½-in. pots, $2.00 100; $16.00 1000. Cash. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, Golden Bedder and Verschaffeltii and 10 other var., 2-in. pots, $2.00 100; $18.00 1000.
Converse Greenhouses, Webster, Mass.

Coleus, rooted cuttings, red, yellow and black, 80c 100, $7.50 1000; mixed, 60c 100, $5.00 1000.
L. H. Foster, Dorchester, Mass.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus mixed, and Golden Bedder, 2½-in. pots, $2.00 100.
F. G. Chapman, Hewlett, L. I., N. Y.

Coleus Verschaffeltii, Victoria, etc., 2½-in., $3.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

Coleus, 2-in. pot plants. Verschaffeltii, etc., $1.50 100. J. A. Keeney, Monongahela, Pa.

Coleus, 2½-inch, Firebrand and Sunset, $1.50 100. R. E. Creager, Thurmont, Md.

Eight best kinds of coleus. Write for prices.
C. L. Reese, Springfield, Ohio.

Coleus, 2-in., 15 varieties, $1.80 per 100.
G. A. Dudley Co., Newmarket, N. H.

Coleus, 2½-in., $2.50 per 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

CROTONS.

Crotons, good bedding varieties, 5 and 6-inch, $25.00 and $35.00 100.
Chas. A. Knapp, Chestnut Hill, Phila., Pa.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas revoluta stems, 1 to 6 lbs. We have a large stock in splendid condition as low as 25 lbs., $2.00; 100 lbs., $7.00. Case lots assorted, $6.75 per 100 lbs.
St. Louis Seed Co., 615 No. 4th St., St. Louis, Mo.

Cycas stems, long-leafed variety, 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; per case, 300 lbs., $18.00. Stems range in weight from 1 lb. to 10 lbs.
Johnson & Stokes, 217-219 Market St., Phila.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
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W. G. Eisele, Box 100, West End, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendron maximum, absolutely hardy, well-rooted layers and young plants for nursery, 10 to 24 inches high, at $10.00 per 100. Strong plants and specimens, from 20 to 48 inches high, at 50c to $2.00 each. No charge for packing, etc.
A. E. Wohlert, 6222 Broad St., Pittsburg, Pa.

ROSES.

Rose plants.		100	1000
American Beauty,	2½-in. pots	$5.50	$45.00
American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate,	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
Benthey-Coatsworth Co., 35 Randolph St., Chicago.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. O'nay.	$5.00	$40.00	Maid	$2.50	$20.00
Sunrise	5.00	40.00	Bride	2.50	20.00
Kaiserin	2.50	20.00	Perle	2.50	20.00
Liberty	5.00	40.00	G'den Gate.	2.50	20.00
Ivory	2.50	20.00			

American Beauty, 3-in., $6.00 100; $50.00 1000.
American Beauty, 2-yr.-old, from bench, $6.00 per 100; $50.00 per 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

Surplus roses. Lamarque, Clo. Soupert, Mrs. Robt. Peary, Boq. of Gold, Duchesse de Brabant, Helen Gould, Mosella, Ivory, Striped La France, Reine Marie Henrietta, The Bride, Princess de Sagan, Bridesmaid, Mrs. Lovett, Catherine Mermet, Frances E. Willard, Bessie Brown, Chromatella, Etoile de Lyon, Climbing Clothilde Soupert, Yellow Rambler, White Rambler, Pink Rambler, Papa Gontier and Golden Gate, nice plants from 2-in. pots, $2.00 per 100. Ball of Snow, 2½c.
The Fairview Floral Co., Beatty, Ohio.

Philadelphia Rambler, the most magnificent of the hardy crimson climbing roses. The flowers are exceedingly bright, very double, lasting and durable and of perfect form. It does not fade, bleach or look washed out, but holds its dazzling color to the last. Has handsome foliage, and is not subject to mildew. The Philadelphia blooms about two weeks earlier than Crimson Rambler. 2½-in., 35c doz.; $6.00 100; $50.00 1000. 4-in., $2.00 doz.; $15.00 100.
Conard & Jones Co., West Grove, Pa.

Clearing sale of choice rose plants:

2000 American Beauties, 2½-in.	$40.00	1000
5000 Chatenay, 3-in.	50.00	1000
4000 Brides, 2-in.	25.00	1000
4000 Maids, 2-in.	20.00	1000

12,000 American Beauty plants from benches, $25.00 per 1000. 12,000 Maids and Brides, grafted plants from benches, $25.00 per 1000.
Guaranteed choice, clean stock, well grown.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Rose plants, 2-inch stock.

	100	1000		100	1000
Bridesmaid.	$3.00	$25.00	G. Gate.	$3.00	$25.00
Bride	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00	Am. Beauty	5.00	45.00
Liberty	5.00	45.00			

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
American Beauty, 2-yr.-old plants from bench, $3.00 100, $25.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Special low prices to close out. Fine strong 3-in. Brides, Maids, Ivory, Gates, $3.00 100; $45.00 1000. Perles, Meteors, $6.00 100; $50.00 1000. Beauties, $7.00 100; $60.00 1000. 2½-in. Brides, Ivory, $2.50 100; $25.00 1000. Perles, $3.00 100; Beauties, $4.00 100. A few hundred bench Beauties cut back and established in 4-in. pots, fine to plant now, $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.
3-in.....$6.00 per 100; $55.00 per 1000
4-in..... 8.00 per 100; 75.00 per 1000
If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Roses Marechal Niel, The Bride, Ball of Snow, 2½-in., $2.50 100; $20.00 1000. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snow Flake, 2½-in., $2.00 100; $18.00 1000. Ball of Snow, strong plants from 4-in. pots, $7.00.
Springfield Floral Co., Springfield, O.

Roses. Kaiserins, Maids, Brides, 3-in., $5.00 100. Liberty, Sunrise, Perles, 3-in., $8.00 100. All young clean stock ready for planting. Cash, or reference with order, please.
C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

ROSES—Continued.

Maids, 2½-in., $3.00 per 100, $25.00 per 1000; Gates, 2½-in., $2.50 per 100, $20.00 per 1000; American Beauties, 3½-in., clean, thrifty plants, $8.00 per 100; Gates and Ivory, 4-in., $8.00 per 100. Surplus from our own planting, healthy and vigorous.
Wm. B. Sands, Lake Roland, Baltimore, Md.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $60.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

LA FRANCE, fancy stock, large plants, 2¼-in., $3.00 100; 3-in., extra fine, $4.50 100.
KAISERINS, extra strong, 2¼-in., $3.00 100; 3-in., $5.00 100.
AMERICAN BEAUTIES, from benches, stocky and in fine condition, $5.00 100, $45.00 1000. Honaker The Florist, Lexington, Ky.

Roses. Strictly No. 1 stock. Maids, Brides, Gates, 2½-in., $25.00 1000; 3½-in., $50.00 1000. Beauties, 2½-in., $6.00 100, $50.00 1000.
Old Beauties, from bench, $6.00 100. Old Teas, from bench, $4.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

American Beauties, 3-in., 2½x3 and 2x2½. All kinds of teas. Brides, Maids, Perles, Kaiserins, Wogttons, Bell Siebrecht, Ivory, G. Gate, Liberty, Carnot and a few Meteors. Stock A1. Prices right. Geo. A. Kuhl, Pekin, Ill.

MAIDS and BRIDES, 2-in., $20.00 1000. METEOR, 2½-in., $15.00 1000. AMERICAN BEAUTY, 3-in., $40.00 100. AMERICAN BEAUTY bushes, 1-yr.-old, from benches, $4.00 100.
J. A. Budlong, 37 Randolph St., Chicago.

10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
J. F. WILCOX, Council Bluffs, Iowa.

275 Bridesmaids, 100 Bride, 100 Golden Gate, 3-in. pots. 500 Bridesmaid, 600 Bride, 350 Golden Gate, 550 Ivory, 2¼-in. pots. Good stock. Write for prices quick.
C. L. Reese, Springfield, Ohio.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100; $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses, 2½-in. for field planting, $3.00 per 100. Gen. Jacq., Coq. des Blanches, Capt. Christy, Hermosa, Vicks Caprice, P. C. de Rohan. C. M. Niuffer, Springfield, Ohio.

Maids, Brides and Golden Gates, 2½-in., $3.00 per 100. 600 fine, clean Meteors, 3-in. pots, just right to plant at once, $8.00 per 100.
Walker & McLean, Youngstown, Ohio.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La Reine, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

Brides and Maids, 1500 of each; large bushy plants, 2½ and 3-in. pots, $20.00 per 1000; must close out to make room.
H. Bornhoeft, Tipton, Ind.

A few choice Bride and Bridesmaid from 3 and 4-inch pots, large and healthy, 3-inch $3.00 100, 4-inch $3.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

500 of the new Dorothy Perkins pink rambler rose, out of 4-in. pots, 12 to 20 in. high, $6.00 100; $10.00 200. Cash.
Geo. E. Ward, Beverly, Mass.

Roses. We grow over 100,000 annually for the trade. Rooted cuttings, 2x2½-in., 2½x3-in., 3x3-in. pots. Write. Geo. A. Kuhl, Pekin, Ill.

Queen of Edgely, 2½-in., $6.00 100; $55.00 1000; 3-inch, $8.00 100; $75.00 1000. Old stock, $6.00 100. Geo. Harrer, Morton Grove, Ill.

Cherokee rose, splendid for hedges or lawn clumps; perfectly hardy, $4.00 per 100; $35.00 per 1000. T. Robertson, Port Allen, La.

Kaiserins, good strong plants from bench, $5.00 per 100 or $40.00 for the lot of 930 plants. A. C. Canfield, Springfield, Ill.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Bridesmaid roses from 3½ and 4-in. pots, extra fine, $4.50 100; $40.00 per 1000.
E. T. Grave, Richmond, Ind.

AMERICAN BEAUTIES. A nice lot from 2½-in. pots, $6.00 per 100, or $50.00 per 1000.
Emil Buettner, Park Ridge, Ill.

Roses. Brides, Bridesmaids, Golden Gates, Ivory and Meteors, 2½-in. rose pots, $3.50 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Brides, Maids, Perles, Golden Gate, from 3-in., strong selected stock, $3.50 per 100.
W. L. Rock Flower Co., Kansas City, Mo.

Brides, Maids, Perles, strong 2½-in., ready for shift, $2.50 per 100; $20.00 per 1000.
Jas. C. Murray, Peoria, Ill.

Queen of Edgely, Sunrise and American Beauty, 2½-inch, $6.00 100; $50.00 1000.
Myers & Samtman, Chestnut Hill, Pa.

Roses. Surplus stock. Brides, Maids, Golden Gate, Ivory, Meteor and Beauties, from 3-in. pots, $3.00 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

1000 first-class Bridesmaids, out of 3-in. pots. $40.00 cash will buy the lot to close out.
T. W. Lydecker, Englewood, N. J.

Roses. Brides and Bridemaids from 3-in., strong selected stock, $3.50 per 100.
Wm. L. Rock Flower Co., Kansas City, Mo.

Surplus stock. Ivory, Maids, Brides, Gates, Beauties, 3-in., $5.00 per 100.
Stuppy Floral Co., St. Joseph, Mo.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

500 American Beauty plants from 3-inch pots, in fine condition, $7.00 100.
J. Henry Bartram, Lansdowne, Pa.

Roses. Brides, Bridesmaids and Gates, 2-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves for July delivery, $16.00 per 100; $150.00 per 100. Less than 100, 75c.
A. C. Oelschig, Savannah, Ga.

1 doz. large ficus, branched, $12.00; 2 doz. large ficus, per doz., $9.00. These are good plants, 3 to 4 ft. high.
Crown Point Floral Co., Crown Point, Ind.

SALVIAS.

200, 3 to 4-in., Salvia splendens and Bonfire in bud and bloom, bushy plants. The lot for $6.00. W. T. Stephens & Co., Brookfield, Mo.

Surplus stock. Salvias, 3-in., $4.00; 4-in., $5.00 per 100. John C. Ure, 2843 Evanston Ave., Chicago Ill. Phone Graceland 901.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00.
A. T. Boddington, 35 Warren St., New York.

Primula sinensis fim., English grown, trade pkt., 50c. P. Forbesi, trade pkt., 25c. Cineraria hyb. grand., trade pkt., 50c. Calceolaria hyb. grand., trade pkt., $1.50. All types, including self-colored, tigered, mottled, variegated, spotted, Gloxinia grand., trade pkt., 50c. Exclusive French hyb., including Fire King, Defiance, Frederic, etc.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Giant pansy seeds, half trade pkt., 1000 seeds, 30c; trade packet, 2000 seeds, 50c; 5000 seeds, $1.00; $5.00 per oz.
Calceolaria and cineraria, English prize mixed, half trade pkt., 50c; trade packet, $1.00.
Primula seed (Chinese primrose), English prize, fringed, mixed, 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Johnson & Stokes, 217-219 Market St., Phila.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

Pansy seed. Brown's extra select superb giant prize pansy seed, my own growing, mixed, 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00; ¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00. Cash. Plants ready Sept. 1.
Peter Brown, Lancaster, Pa.

Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.
HENRY METTE, Grower and Exporter of Choice Flower Seeds, Quedlinburg, Germany.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
Drake Point Greenhouses, Yalaha, Florida.

Van Namen Bros.' Excelsior Holland grown cabbage seed, per lb., $1.10; 10 lbs., $10.00. Cauliflower, per ¼ lb., $1.50; per lb., $5.00.
C. H. Joosten, 201 West St., New York.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus seed, $4.00 per 1000; 40c per 100. Cash, please.
Albert Buckwell, Woodbridge, Fla.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO, Boston, Mass.

New crop pansy seed, $4.00 per oz., ¼ oz. at 1-oz. rate.
California Carnation Co., Loomis, Cal.

Giant pansy seed, choice mixed, per trade packet, $1.00. Beaulieu, Woodhaven, N. Y.

Asparagus plumosus seed, $4.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX.

Smilax. 2000 fine, clean plants, 2½-in., $2.00 per 100; $18.00 per 1000. 500 at 1000 rate. Cash. Sample 5c.
John Beimford, Wilton Junction, Iowa.

Smilax, 2½-in., fine as silk or no pay, $2.00 per 100, and you will have to hurry. Cash with order.
McDonald & Steele, Crawfordsville, Ind.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Smilax, 2¼-in., strong and healthy, $1.75 per 100; $15.00 per 1000.
H. M. Totman, Randolph, Vt.

Smilax from flats, transplanted, $1.50 per 100; $12.00 per 1000.
Walker & McLean, Youngstown, Ohio.

Smilax, extra fine, strong plants, 3-in. pots, $2.00 100. Cash.
J. Van Lindley Nursery Co., Pomona, N. C.

Smilax, from 2¼-in. pots, $1.25 100, $10.00 1000. Cash. Buckley Plant Co., Springfield, Ill.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax from 2½-inch pots, $1.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

1000 smilax, $1.25 per 100.
Jos. H. Cunningham, Delaware, O.

SNAP DRAGONS.

Snap Dragons, 2-in., $1.50 100. Cash.
O. L. Baird, Lyons, Ill.

STEVIAS.

Stevia in 3-in. pots, 3c. Rooted cuttings, 75c 100. A. A. J. La Roche, Collingdale, Pa.

STOCKS.

Stocks, large flowering ten-weeks; large, transplanted, all colors mixed, per 100, $1.50.
J. Sylvester, Oconto, Wis.

STROBILANTHES.

Strobilanthes Dyerianus, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

SURPLUS STOCK.

3000	Geraniums, 4-in., fine	$5.00
500	Heliotrope, dark and light, 4-in.	5.00
500	Ageratum, in bloom, 4-in.	5.00
100	Fuchsia, in bloom, 4-in.	5.00
1000	Coleus, best sorts	2.00
1000	Cannas, best sorts	5.00
1000	Lobelia, in bloom	2.00
500	Sweet Alyssum, in bloom	4.00

Cash with order, please.
W. L. JONES, Box 231, NUTLEY, N. J.

A few hundred of each, nice plants, as long as they last, at 2c each.
Alternanthera, red, yellow.
Achyranthes, yellow, variegated, red.
Coleus, Golden Queen, Verschaffeltii.
All from 2¼-in. pots. Cash, please.
A. F. Belcher, Foxboro, Mass.

SWAINSONAS.

Swainsona alba. Write for prices.
C. L. Reese, Springfield, Ohio.

VEGETABLE PLANTS.

SWEET POTATO PLANTS.

CEDARVILLE—An improvement of the yellow Nansemond and Jersey sweet potato; an abundant bearer of handsome rich yellow tubers of medium size and comely shape; the best keeper, $1.00 per 1000.

EARLY GOLDEN SWEET—In this we have the ideal sweet potato for early market and home use, as the name implies; the color is a beautiful golden yellow; very sweet and palatable and a tremendous yielder of uniform tubers of just the proper shape and size, $2.25 per 1000.

BIG STEM JERSEY—Early bright yellow and very productive, $1.50 per 1000.

RED NANSEMOND OR RED JERSEY, $1.50 per 1000.

EARLY RED, HAYMAN SPANISH, PIERSON, VINELAND BUSH, WHITE BUSH and NANCY HALL, 30c per 100; by mail.

TOMATO PLANTS—Thrifty and stocky field-grown Stone plants, $1.00 per 1000; $7.50 per 10,000.

A large stock of stout, healthy plants now ready. Cash with order.

H. AUSTIN, Felton, Del.

CABBAGE—Early and Charleston, Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

TOMATO—Earliana, 40c per 100; $2.00 per 1000. Stone, Paragon, Favorite, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—Boston Market, Dwf. Golden Heart, Giant Pascal, Pearl le Grand, Pink and White Plume and celeriac, 25c 100; $1.00 1000; $8.50 10,000.

PEPPER — Bull Nose, Ruby King, Sweet Mountain, 40c per 100; $2.00 per 1000.

PARSLEY—Moss Curled, 25c per 100; $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

Kohl Rabi and Brussels Sprouts, 25c 100; $1.50 1000.

On cabbage, tomatoes and celery, we are prepared to make special price on large lots.

Cash with order.

See our flower plant adv. in this issue.

R. VINCENT, JR. & SON, White Marsh, Md.

Cabbage—Wakefield, Succession, Early and Late Flat Dutch and others, $1.00 per 1000; 5000 for $4.00.

Tomatoes—Stone, Beauty and others, $1.00 per 1000.

Cauliflower—Early Snowball, $2.50 per 1000.

Peppers and Egg Plants—$2.00 per 1000.

Sweet Potato Plants—Yellow and Red Jersey, $1.00 per 1000.

J. C. Schmidt Co., Bristol, Pa.

Cabbage and celery plants. Strong, stocky, transplanted plants from best seed. Cabbage—Danish, Flat Dutch, Warren, Stone, Mason and Surehead. $1.25 per 1000. Celery—Golden Self Blanching, White Plume, Giant Pascal, $2.50 per 1000; $2.00 per 1000 in 5000 lots or over.

Frank Shearer & Son, Market Gardeners, Binghamton, N. Y.

Cabbage—Danish Ballhead, Bridgeport, Drumhead, $1.00 per 1000; $8.50 per 10,000. Celery—White Plume, transplanted, $2.50 per 1000. Field-grown White Plume and Giant Pascal, $1.00 per 1000; $8.50 per 10,000. Cash with order. L. Mosbaek, So. Chicago, Ill.

Cabbage—Late Flat Dutch, Burpee's Surehead, large late Drumhead.

Tomatoes—Stone, Livingston's Beauty, Paragon, and Royal Red, $1.00 per 1000, $8.50 per 10,000. Cash. See aster advertisement.

Byer Floral Co., Shippensburg, Pa.

Tomato plants—Champion and Beauty, strong plants, 10 to 12 in., $6.50 1000. Cabbage plants—Jersey Wakefield, $2.25 1000. Pepper plants—Ruby King, 40c 100, $2.50 1000; Chinese Giant, $1.00 100.

F. Griswold, Worthington, O.

Cabbage—E. J. Wakefield, Surehead and Late Flat Dutch, 40c 100; $1.95 1000. Cash.

Ray H. Palmer, Randolph, N. Y.

Tomato plants, $1.00 per 1000. $8.00 per 10,000 plants. H. Bornhoeft, Tipton, Ind.

Sweet Potatoes—Southern Queen and Jersey, $1.50 per 100. J. A. Keeney, Monongahela, Pa.

Transplanted tomato plants, $2.00 per 1000.

F. G. Chapman, Hewlett, L. I., N. Y.

VERBENAS.

Verbenas, 2-in., nice, stocky plants, free from insects, $1.75 per 100.

G. A. Dudley Co., Newmarket, N. H.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca variegata major, extra fine plants in 4½-in. pots.

The F. Blondeel Co., Oak Park Ave. and Augusta St., Oak Park, Ill.

20,000 Vinca variegata major, 2-in., $1.25 per 100; $10.00 per 1000. Cash with order.

P. J. Agnew, Springfield, Ohio.

Vincas, 3-in., $5.00; 2-in., $2.50 100.

W. H. Gullett & Sons, Lincoln, Ill.

Vincas, strong vines, $10.00 per 100.

Otto H. Bourdy, Lowell, Mass.

VIOLETS.

Marie Louise violets, February and March struck, strong, healthy plants, free from disease. A No. 1 plants. Can fill large orders as well as small ones. $15.00 1000. Cash with order. Your money cheerfully refunded if not satisfactory.

C. Lawritzen, Rhinebeck, N. Y.

Marie Louise violets, fine plants, ready for benching at once; guaranteed to be the best stock in the market; none better. Only $2.00 100; $15.00 1000. Sample 10c. Cash with all orders; money returned if not suited.

Geo. T. Schuneman, Baldwins, L. I., N. Y.

Violets from 2-in. pots. Marie Louise, Lady Campbell, Princess of Wales, $20.00 1000. Imperial, $25.00 1000. Princess of Wales from 2½-in. pots, $3.00 100.

Crabb & Hunter, Grand Rapids, Mich.

Improved Dorsett violets, strong 2-in. pots, $2.00 per 100; perfect violet color, most prolific and continuous bloomer known.

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A. N. Towell, West 200th St. and Ft. Washington Ave., New York, N. Y.

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Rooted cuttings of Princess of Wales violets, $8.00 per 1000. Cash or C. O. D.

Sol. Garland, Des Plaines, Ill.

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G. Aschmann, 1012 Ontario St., Phila.

Christmas peppers and smilax, fine seedlings, 60c and 25c per 100. Shasta daisy, Vinca variegata, German ivy, cuphea, coleus and Mme. Salleroi, 2-in., fine stock, $1.50 per 100.

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Send in your order now for a copy of the Florists' Manual.

TO EXCHANGE.

To Exchange—Surplus stock. Alyssum, 2½-in., $2.00 per 100. Red and yellow alternantheras, 2-in., $2.00 per 100; $18.00 per 1000. Begonia Vernon, 2-in., $1.75 per 100; 3-in., $3.00 per 100. Smilax, 2-in., $1.50 per 100. Will exchange some for 2-in. Swanley White violets, Boston ferns or small rubbers.

Vern L. Schluraff, Erie, Pa.

To Exchange—200 La Favorite and 50 E. G. Hill geraniums in 4-in. pots, strong and in bloom, $6.00 100 or will exchange for maidenhair and Boston ferns.

O. B. Stevens, Shenandoah, Iowa.

To Exchange—Very large palms, 12 to 15 ft., for a pumping outfit with power attached; must be small and in good order.

F. J. Ulbricht, L. B. 113, Anniston, Ala.

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WANTED.

English ivy, we want any part of 2000 English ivy, not less than two feet long, two to three branches. Address, stating price. James Weir, Jr. & Son, 5th Ave. and 25th St., Brooklyn, N. Y.

Wanted—10,000 Maid, Bride and Gate rose, and 200 dbl. hollyhock plants. Write at once, giving description and lowest price.

John C. Hatcher, Amsterdam, N. Y.

Wanted—At once, 50,000 celery plants, White Plume. Quote price and full particulars to Johnson Bros., Box 642, Ottawa, Kan.

Wanted—Farfugium grande.

The Fairview Floral Co., Beatty, Ohio.

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Baskets, Puerto Rico Mats, etc.

Frans Birnstiel, Coburg, Germany.

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Our box sells on its merits.

Send for sample.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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L. J. Kreshover, 110 W. 27th St., New York.

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Wax flowers and wax floral designs.

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Wax flowers and wax floral designs.

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Galax, bronze or green, and small green galax for violets.

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GALAX LEAVES. Bronze or green.

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GALAX LEAVES, green or bronze.

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GALAX LEAVES, bronze or green.

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Greenhouse glass exclusively.

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Peerless glazing points are the best.

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Those RED pots. The right kind.
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Buy your moss now while we are curing it. 1 bale or 100 at 60c each.
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5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

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FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

NEW FORMS of the more popular market ferns are brought forward from time to time but really new forms of other ferns are seldom seen. The new variety of Lomaria ciliata, raised at Edmonton, and exhibited as L. Mayi, is therefore the more interesting; moreover, it is a beautiful fern, with long, arching fronds of a rich green color, and of a much more graceful and elegant habit than possessed by those of the type.

I HAVE SEEN the purple cobæa used upon a white-painted trellis against a stone house, with most excellent effect. Some gardeners allow cobæas to ramble over the outsides of too sunny greenhouses, thus securing a natural shade within, and a unique beauty without.

A VERY FINE new garden plant was shown last season under the provisional name of Nicotiana rosea. It has now proved so good and grows so freely from seed that it has been re-christened N. Sanderæ. Whether of more than annual duration we do not yet know, but the plant can be located either as a half-hardy or a hardy annual. It grows from two and one-half to three and one-half feet high, and produces a profusion of blossoms on branching spikes; the flowers are like those of N. affinis in form, but their color varies in different plants, from light rose to richest rose-red.

A PLANT OF Odontoglossum crispum Cooksoniæ, one old and one new bulb, recently sold at auction for $3,350. It was in a lot from N. C. Cookson, eighty-one plants realizing over $25,000.

I WONDER how the clever little Jap gauges his profit on his dwarfed trees, for, whatever the latter may be, one cannot say much for the quickness of the returns when one hears of a specimen growing a matter of 300 years, and then selling for $80, and the natural decision arrived at is that pigmy tree growing is not such a paying business as the present trade in boomed potato plants.

THE CULTIVATION of the cornflower is of the simplest. The seed should be sown where the plants are to bloom, and light, open positions should as far as practicable be selected for the groups. Sowings may be made at the end of March, or early in April; but the best results are obtained from sowing at the end of the summer. Plants raised from seed sown at that period become more deeply rooted, and make a more vigorous growth than do those obtained from spring sowings, and continue in bloom a much longer period. The seedlings should be thinned moderately in the autumn, and receive their final thinning to four or five inches apart just as new growth is commencing. Spring raised plants will not require so much space, as they do not grow so vigorously. Where liberal supplies of cut flowers are required during the summer months a row each of the blue and white forms should be grown in the kitchen garden, preferably from autumn-sown seed.

"I HAVE sold entirely out of geraniums through my advertisement in the REVIEW."—S. W. CAREY, JR.

BROOKLYN, N. Y.—Michael O'Connell is building a greenhouse 25x60 at Eighty-first street and Twenty-third avenue.

CHAMPAIGN, ILL.—Thomas Franks has begun work on a new house 62x100, which will practically double his plant.

"MUCH information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—THOMAS CHAPMAN, Denver, Colo.

BOOKS FOR Florists

The following are books which can be recommended, each as the standard work in its own field:

The American Carnation.
By C. W. WARD.

Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. The book is the work of a careful, studious grower of ripe experience. Fully illustrated.
Carriage paid, $3.50.

The Florists' Manual.
By WILLIAM SCOTT.

A practical guide for the Florist, covering the successful management of all the usual florists' plants; including many topics, such as Greenhouse Building, Heating and Floral Decorating, etc. Written so you can understand it and profit by its guidance. Fully illustrated.
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Commercial Violet Culture.
By B. T. GALLOWAY.

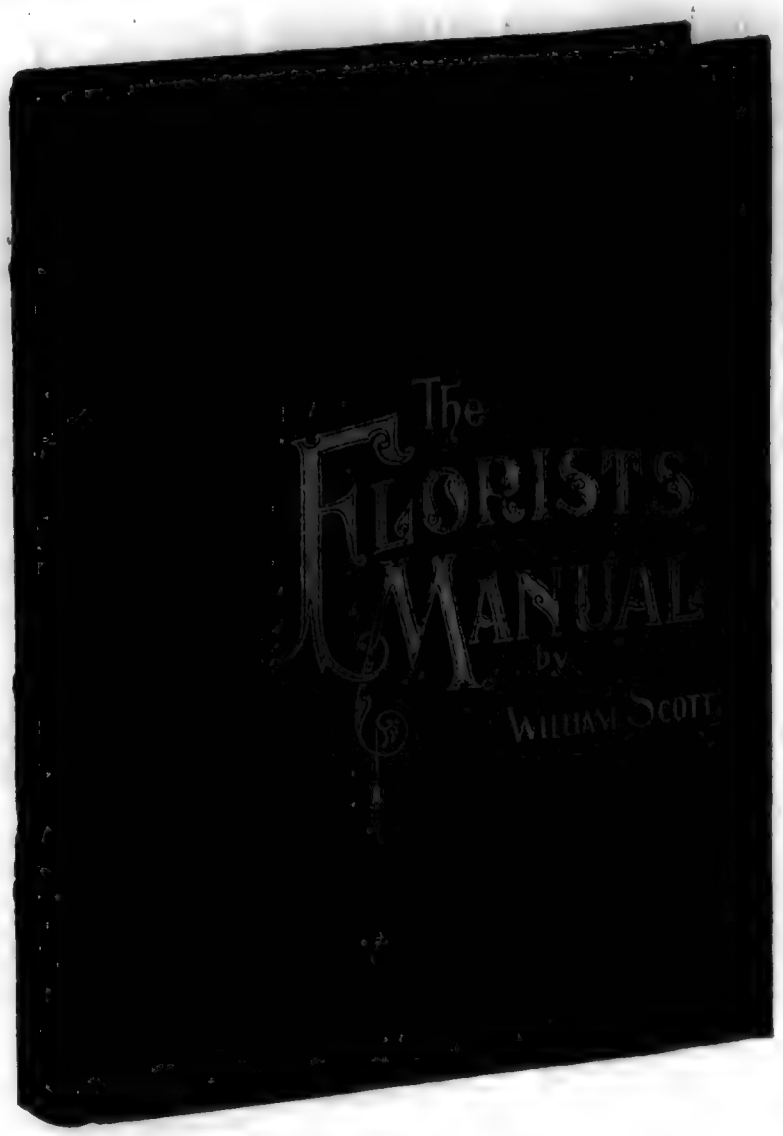
This is the second edition of this very successful book, revised and brought up to date. Handsomely printed. Fully illustrated.
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The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

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Aristolochia
Asparagus
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Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Bay Trees
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Bellis
Bottom Heat
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Bouvardia
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Hardy Shrubs
Heating
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Hedge Plants
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What would be the size of steam boiler to supply 4,000 feet of 4-inch pipe in hot water heating? Would it be advisable to use a good second-hand steam boiler in this way? Would the openings necessarily have to be 4-inch? A temperature of 60 degrees is needed and the outside temperature sometimes goes 15 degrees below zero. A. A.

Good second-hand steam boilers, particularly return tubular boilers, make first-rate hot water heaters. It is not absolutely necessary that the opening in the boiler be four inches in order to supply 4-inch pipes in a heating system but if it is not the efficiency of the boiler is reduced in proportion to the size of the opening, by the throttling of the flow through the opening. It is not expensive to have the hole in the shell of the boiler cut out to the proper size, four inches, in this case, and have a flange bolted in place into which a joint of the supply pipe can be threaded, or, if cast iron, a short piece of wrought pipe can be used to make connection at the boiler and this packed into the bell of a cast section.

To heat the 4,000 feet of 4-inch pipe it will require a boiler with 600 square feet of heating surface, that is, the area of the tubes plus the area of the shell exposed to the fire should aggregate 600 square feet of surface. A boiler ten feet long, thirty inches in diameter and carrying thirty-four or more 3-inch tubes will give sufficient heat for this length of pipe provided the pipe is properly arranged and graded. It is impossible to tell whether this will maintain a temperature of 60 degrees in the houses without knowing the size and exposure of the houses. L. C. C.

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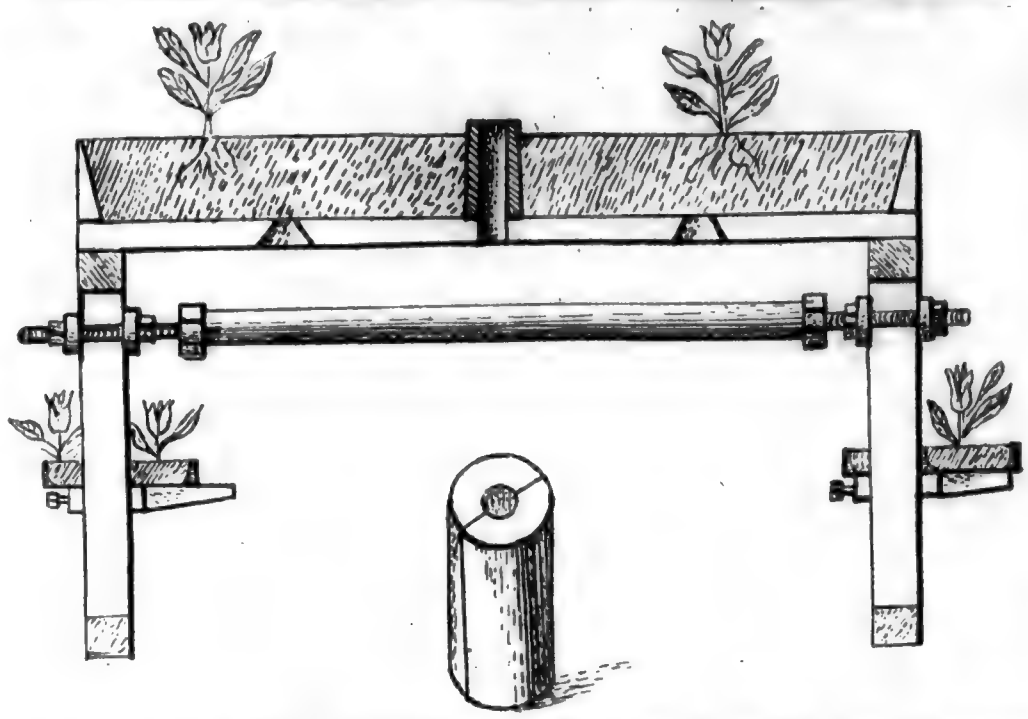
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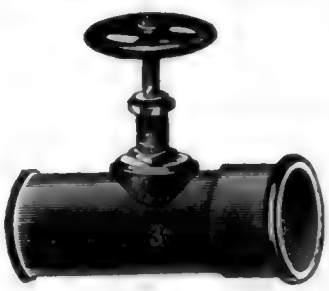
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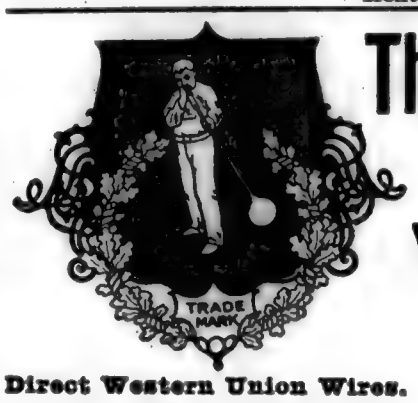


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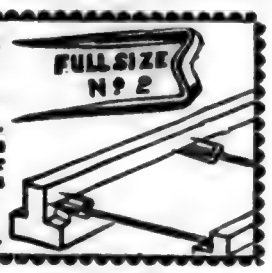
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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

530-535 Caxton Building,
334 Dearborn Street, Chicago.

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J. AUSTIN SHAW, Manager.

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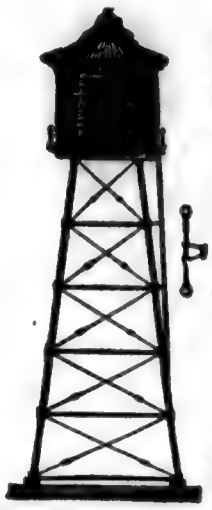
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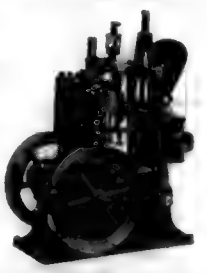
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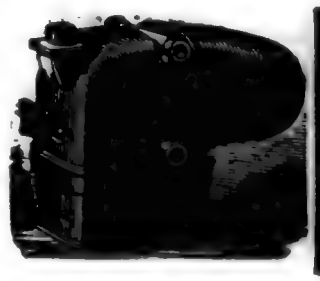
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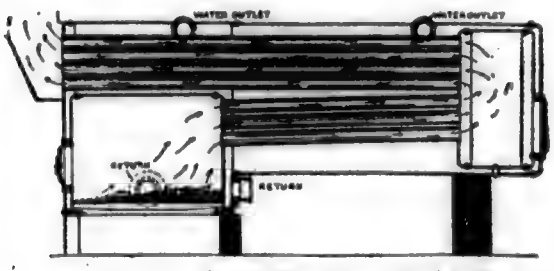
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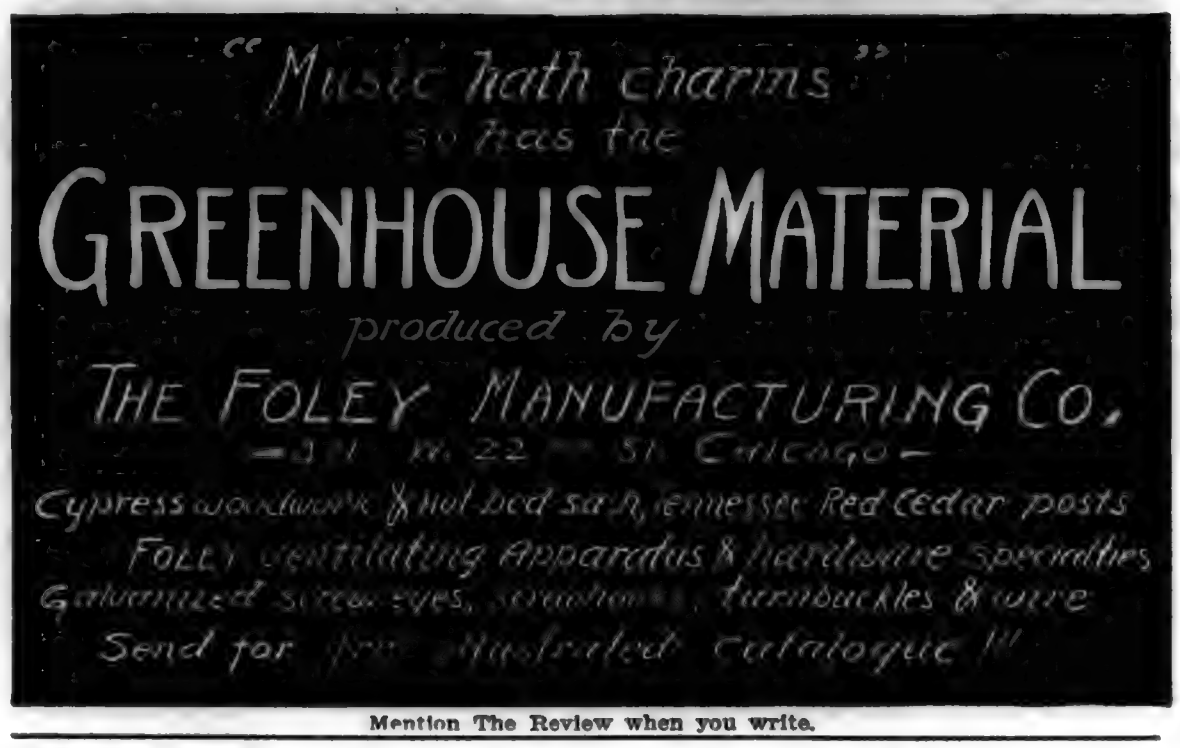
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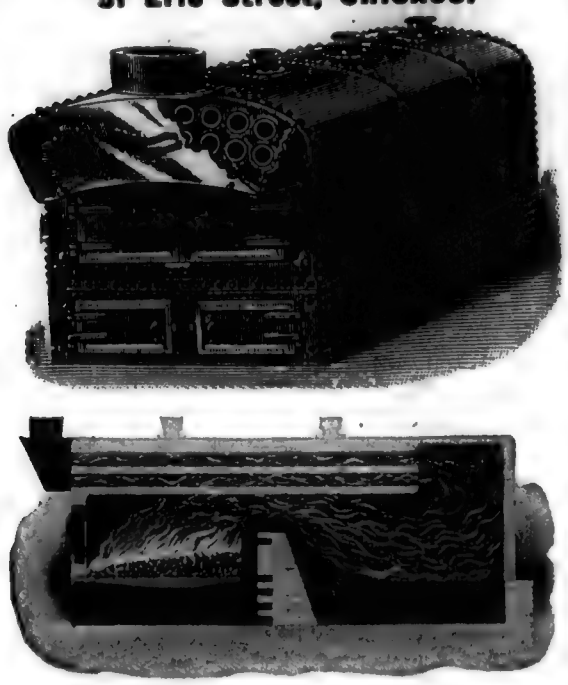
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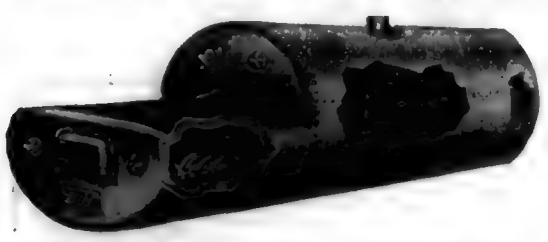
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Vol. XIV. CHICAGO AND NEW YORK, JUNE 30, 1904. No. 344.

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We are now booking orders for Fiancee, **The Novelty for 1905**

WINNER of the **LAWSON GOLD MEDAL**

The finest Carnation ever introduced.

$12 per 100; $100 per 1000.

F. R. PIERSON CO. TARRYTOWN-ON-HUDSON, N.Y.

Asparagus Plumosus Nanus Seed

100 seeds, 75c; 1000 seeds, $5.00; 5000 seeds, $22.50

Orders taken for FIANCEE,

(The Lawson Gold Medal Winner.)

$12.00 a 100 or $100.00 a 1000.

Send in your orders now, as first received, first served.

WM. F. KASTING,

WHOLESALE FLORIST,

383-387 Ellicott St., BUFFALO, N. Y.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS.

WE REPRESENT MORE GLASS THAN ANY HOUSE IN THE WEST.

40, 42, 44 East Randolph Street, **CHICAGO**

LARGEST PEONY GROWERS IN THE WORLD.

CARLOADS OF PEONY BLOOMS.

Our late varieties, such as RICHARDSON'S RUBRA SUPERBA, are exceptionally good.

We are now booking orders for Peony Roots for Fall delivery.

CHICAGO CARNATION CO., JAS. HARTSHORNE, MANAGER JOLIET, ILL.

The First of July

Finds many Florists completely sold out of Geraniums this year; for the benefit of such, we offer **500 Geraniums in elegant young stock in 20 best sorts for $10.00.**

DWARF SALVIAS, which are immensely popular, 4 early-flowering varieties, at $3.00 per 100.

Beautiful stock of Pierson Ferns, strong, 2½-in.,	$4.00	per 100.
" " Boston Ferns,	3.00	"
Asparagus Plumosus, strong,	4.00	"
Sprengeri, strong,	2.50	"

This Offer is for the first half of July.

THE E. G. HILL CO., RICHMOND, IND.

Harrisii.

When our representative visited Bermuda during Bulb harvesting season last summer we secured options on the choicest planting stock of TRUE Harrisii and therefore have the best

HARRISII LILIES THE ISLAND DOES PRODUCE

to offer this season. The premium we paid for **SELECT TRUE** Harrisii Bulblets is well spent. The reputation that **"Barnard's Lilies Are The Best"** will be maintained again this season. Careful selecting and packing of thoroughly ripened bulbs, and prompt shipping is assured through the presence of our agent in Bermuda during the harvesting time. Write NOW. The true type of Harrisii is never too plentiful.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., **CHICAGO.**

EXPLANATORY

Establishment of Albert Fuchs.

TO THE TRADE. Some weeks ago I announced in the various trade papers that my Establishment and Contents would be sold at auction on June 15th and 16th to the highest bidder. Within a few minutes after the time the auction was to be held, two prominent gentlemen in the trade bought the Houses and Stock on an option of 30 days (See Chicago notes, Florists' Review, June 16th; and American Florist, June 18th). This option has not been taken advantage of, and as my doctors insist on my leaving the country at the earliest possible time, the entire plant is again offered at a fixed price, and if not disposed of previous to July 7th, all except my retail store, two houses and their contents, will positively be sold at auction and to the highest bidder on Thursday, July 14th, 10 a. m. sharp. I take this opportunity to thank my many friends and members of the trade who were disappointed at not being able to buy at the previous sale, and assure them that unless the entire plant is sold at private sale previous to July 7th, (in such event this will be announced in the trade papers,) the auction will be held at time stated hereintofore and without reservation. Very truly yours, ALBERT FUCHS, 2045 N. Halsted Street, Chicago.

"The finest stock of Palms in the West." The consensus of opinion of many up-to-date florists who have visited our plant within the last month.

If you cannot attend the auction in person or send a representative, either myself or E. F. Winterson Co. will look after your interests. Don't fail to send remittance to extent of 10 per cent. with your commission. Make all checks payable to Greenbaum & Sons, bankers.

50,000 Palms and Ferns. **(The Choicest in America.)** Any orders sent in previous to auction will be sold at prices named in this list. Shipment will be made same day order is received. (No order less than $10.00 at prices named.) Satisfaction guaranteed.

MESSRS. E. F. WINTERSON CO., Superintendent of Auction.

Make Checks Payable to { GREENEBAUM & SONS, Bankers, 83-85 Dearborn St., Chicago

We hereby authorize you to bid in for us at the auction of the **ALBERT FUCHS GREENHOUSES** the following goods at the price stated and we enclose 10 per cent of the total purchase which you guarantee to return within 3 days after the auction, should the stock be sold at a higher price than we bid, or send us the goods within one week from date of sale carefully packed.

Quantity	Kind	Size Pot.	No. Leaves.	Height of Plant.	Wholesale Value.	My present Prices. Each.	Per 100.	Insert here price you wish to bid.
7000	Kentia Belmoreana	3	3-4	6-10	$ .15	$ .04	$4.00	.....
8000	" "	4	4-5	9-14	.35	.20	18.00	.....
8000	" "	5	6-8	18-30	.75	.60	48.00	.....
2000	" "	6	6-8	26-36	1.50	1.15	90.00	.....
800	" "	7	6-8	28-38	2.50	2.00	170.00	.....
200	" "	8	6-8	36-42	3.00—5.00	2.50	220.00	.....
100	" "	9	6-9	40-48	7.00—10.00	5.00	.....	.....
500	Kentia Forsteriana	6	5-7	24-36	1.50	1.00	90.00	.....
1000	" "	7	5-7	42-52	2.50	1.60	150.00	.....
150	" "	8	5-7	48-72	3.00—10.00	2.50 - 8.00	.....	.....
100	" "	9	5-7	68-78	5.00—25.00	4.00—15.00	.....	.....
1000	" made-up	7	...	28-40	1.50	1.10	100.00	.....
500	Pandanus Utilis,	6	not perfect	15	1.00	.40	.....	.....
200	Pandanus Veitchii,	6	...	15	1.00	1.00	90.00	.....
200	" "	7	...	22	2.00	1.75	150.00	.....
190	" "	8	...	28	3.00	2.25	200.00	.....
1000	Latania Borbonica	5	5-7	12-15	.40	.18	17.00	.....
2000	" "	6	5-8	16-28	.75	.35	30.00	.....
1000	" "	7	6-9	26-30	1.00	.60	50.00	.....
1600	Latania Borbonica	8	6-9	30-32	2.00	1.50	90.00	.....
250	" "	9	7-9	32-36	3.00	2.50	225.00	.....
	Ficus Elastica	5	...	....	.50	.35	30.00	.....
	" "	6	...	....	1.25	.50	45.00	.....
	Stock Plants	5-8	...	....	.75	.25	20.00	.....
7000	Boston Ferns, cool gr., fr. bench	...	...	....	....	.15	8.00	.....
	Asparagus Plumosus	2½	fine bushy stock	....	.03	.02½	2.00	.....
	" Sprengeri	2½	...	....	.03	.02½	2.00	.....
	" "	5	...	....	.30	.20	15.00	.....
	Aspidistra, green, per leaf	...	...	....	....	.05	4.00	.....
	" variegated	...	...	....	....	.15	15.00	.....
	Areca Lutescens	5	6-8	15-20	.50	.25	15.00	.....
	" "	6	6-12	22-36	1.00	.60	30.00	.....

Cycas Revoluta, Sago Palm fine large trunks, 5—10 feet high, $25.00 to $200.
1 Kentia Belmoreana, 12 feet high, 10 leaves, $75.00

The finest Wholesale and Retail Establishment in Chicago. I offer previous to the auction my entire institution with upward of 50,000 of the best Palms, Ferns, etc., in the country **for only $18,000** and will give a 99-year ground lease at the very low rate of $200 per month, to parties who can furnish reliable security. I will sell on the basis of one fourth cash and the balance on long time.

FLORISTS, VEGETABLE GARDENERS, Etc. The following greenhouses are for sale at prices named, viz.: 2—25x100 feet houses for $300 each, cost $1,200 each; 2—25x115 feet houses for $310 each, cost $1,500 each; 2—25x100 feet houses for $325 each, cost $1,500 each; 3—25x150 feet houses for $500 each, cost $2 100 each. These greenhouses will be sold separately or if the entire 9 are taken I will sell them for $3,000. This offer only good until July 7th, and if the entire plant is not disposed of up to that date all, excepting my retail store and two houses, will **positively be sold at auction on July 14, at 10 a. m., sharp.**

E. F. WINTERSON CO., Auctioneer's

Superintendent.

E. F. WINTERSON. JOHN P. DEGHAN. L. H. WINTERSON.

Sale will be held on JULY 14th, 10 a. m., at 2045 North Halsted St., Chicago.

WHY DON'T YOU GROW PEONIES?

It pays to sell the Flowers.

PEONIES

It pays to sell the Plants.

ORDER AT ONCE.

SURPLUS LIST FOR FALL OF 1904.

These varieties have all bloomed on our place and are true to name and not at all mixed. The sizes given are as follows:

Small are plants of one or two stalks of this year's growth. One year since divided. **Medium** are plants of three to five stalks of this year's growth. Two years since divided. **Large** are plants of six or more stalks of this year's growth. Three years since divided.

Customers wishing a few plants we refer to our illustrated retail catalogue, where full descriptions are given. Not less than ten plants of a kind can be ordered at the prices given here.

The larger sizes can be cut for division on a basis of three good plants to each five stalks. Any peony plant is much surer to bloom and will be 20 per cent. stronger if moved in September, so that new roots may form before freezing down. This gives a great advantage to home-grown stock over imported plants, which invariably come too late. These prices are also for larger plants than are usually sent from Europe and are, in fact, lower than the same varieties can be bought for in Europe. Besides, **we guarantee our stock true and will replace with three any plant which proves not true to name.**

We begin shipping early in September when orders will be filled in rotation. We make no charge for packing.

We also issue a list of fifty other sorts of which we have only a few plants to offer; sent free on request.

WHITE.

No. 3. Mount Blanc or Solfatare—(Calot), early, fragrant; small, 40c each; medium, 75c each; large, $1.00 each.

No. 4. Festiva Maxima—True, 40 inches tall; small, 60c each; medium, $1.25 each; large, $2.00 each.

No. 6. festiva—(Drop White of the Chicago Market), 100 medium, 75c each.

No. 7. Queen Victoria—(Whitleyi), best keeper and shipper; small, 20c each; medium, 35c each; large, 50c each.

No. 15. Humea alba—Like a day-break pink; 20 small, 30c each; 30 medium, 50c each.

No. 16. papaveriflora—Paper white, midseason; 25 medium, 50c each.

No. 20. Golden Harvest—Fancy peony with pink guard; small, 40c each; medium, 75c each; large, $1.00 each.

No. 25. Mme. Breon—(Guerin), Blush guard; 50 medium, 40c each.

No. 31. Mme. Calot—Midseason, faint blush guard; 50 small, 35c each.

No. 35. Virgo Maria—Very large paper white; 20 medium, $1.25 each.

No. 37. Duc de Wellington—Long strong stem, 50 small, 35c each.

No. 42. Portia—(Kelway variety), bomb shape. 15 medium, 50c each.

PINK.

No. 102. Baroness Schroeder—(Kelway), delicate flesh; 20 medium, 75c each; 10 large, $1.25 each.

No 103. Pottsii alba—Faint pink, finishing white; 100 small, 60c each; 40 medium, $1.25 each.

No. 106. Triomphe de l'Exposition de Lille—Rose shape; 25 small, 60c each.

No. 114. Sidonie—Fragrant deep pink; 15 medium, 35c each; 10 large, 50c each.

No. 115. M. Paillet—Baby pink; 40 large, 75c each.

No. 118. Henry IV—Rosy pink; 50 medium, 50c each.

No. 119. Dorchester—(Richardson), blush white; 40 medium, $1.00 each.

No. 120. Mlle. Rose Rendatler—Late dark pink; 20 medium, 60c each; 10 large, 85c each.

No. 127. Virginie—Baby pink; 20 medium, $1.00 each.

No. 132. General Cavaignac—Late, grand; 20 large, $1 25 each.

No. 136. Edulis superba—First to bloom; 50 medium, 40c each; 35 large, 65c each.

No. 138. Alexandre Dumas—Very early, grand keeper; 75 large, 4 years old, $1.25 each.

No. 143. Princess Ellen—Blush white; 10 small, 35c each; 10 medium, 50c each.

No. 152. Dr. Andre—Clear, solid pink; 20 medium, 50c each.

No. 157. Alice de Julvecourt—Mixed salmon; 30 medium, 50c each; 25 large 75c each.

No. 164. Modele de Perfection—Clear, solid pink, bomb center, large guard; 10 medium, $1.50 each.

No. 179. Melanie Henry—Large, early; 30 medium, 75c each; 25 large, $1.00 each.

No. 617. Lady Carrington (Kelway)—5 small, 30c each; 20 medium, 50c each.

No. 670. Clarissa—Rosy pink; 12 small, 25c each; 30 medium, 40c each.

No. 671. Dortons Coros—Bright pink; 25 medium, 40c each.

ROSE.

No. 203. Rosea superba—Late rose, no stamens; 100 medium, 40c each.

No. 208. M. Barral—Clear, solid late rose, 100 small, 60c each; 40 medium, $1.00 each.

No. 210. Chas. Verdier—Most fragrant late; 100 large, 50c each.

No. 218. Mme. Geissler—Large, massive; 30 medium, 60c each.

No. 222. Mme. Muyssart—Deep rose; 40 small, 60c each.

No. 227. Souvenir de Gaspard Calot—Fine, light rose; 60 medium, 75c each.

No. 230. Mme. Louise Mere—Late rose; 20 medium, 50c each.

No. 231. Gen. Lawton—Large rosy pink; 20 small, 35c each; 40 medium, 50c each.

No. 256. Constant Devred—First rosy purple; 40 medium, 40c each; 15 large, 60c each.

No. 265. Duc De Cazes—Very large, deep guard; 25 medium, 35c each; 20 large, 50c each.

RED.

No. 300. M de Ribert—Crimped center, no stamens; 25 medium, 50c each.

No 301 Augustin D'Hour—Cardinal bomb; 50 medium, 60c each.

No. 311. Purpurea Delachei—Large full black; 100 small, 35c each; 30 large, 4 years old, $1.25 each.

No. 320. Comte de Diesbach—Early bomb, 40 medium, 50c each.

No. 323. Marechal de Mac Mahon—Massive bomb; 25 medium, 60c each.

No. 329. Bossuet—(Currant red); 20 medium, 50c each.

No. 335. Rubra Superba (Richardson)—Best, latest deep crimson with no stamens; 25 small, 40c each; 100 large, $1.00 each.

No 341. Meissonier—Mid-season, deepest black, no stamens; 25 large, 75c each.

No. 672. La Sublisse—Glowing crimson; 25 medium, 50c each.

PETERSON NURSERY,

170 La Salle St. (480 acres in ORNAMENTAL STOCK.) CHICAGO.

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Your Summer business can be made profitable by handling OUR FAMOUS

CYCAS LEAVES, UNEXCELLED WHEAT SHEAVES,
PREPARED NATURAL LEAF WREATHS AND

Ribbons - Ribbons - Ribbons — Chiffons - Chiffons - Chiffons

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LEADING FLORISTS' SUPPLY HOUSE. RIBBON SPECIALISTS.

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CYCAS REVOLUTA

The True Long Leaf Variety.

JUST ARRIVED.

Per 1000 lbs.....$60.00
Per 100 lbs..... 7.50

Stems running from ½ lb. to 6 lbs.

Prices on all
Summer and Fall Bulbs, Plants and Roots
cheerfully given by

F. W. O. SCHMITZ,
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WHEAT SHEAVES,
Wicker Pot Covers, Plant Stands.

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H. Bayersdorfer &Co.

FLORISTS' SUPPLIES,

See our Advertisement on Page 271.

50 to 56 N. 4th St., Philadelphia.

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS, IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

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Fringed Chinese Primrose

SELECT PRIZE STRAIN.

	Seeds—100	500	1000
Alba Magnifica, white	25c	$1 00	$1 75
Kermesina, crimson	25c	1.00	1.75
Delicata, most beautiful rose	25c	1 00	1.75
Coccinea, scarlet	25c	$1 t0	$1 75
Sanguinea, blood red	25c	1.00	1.75
Holoorn (True Blue)	30c	1.25	2 00
All colors mixed	20c	85c	1.50

PRIMULA FORBESI (Baby Primrose)—Per packet, 25c; trade packet, 50c.

GIANT FLOWERING FRINGED PRIMULA OBCONICA.

Rosea, beautiful rose, pkt., 25c; trade pkt., 50c. Alba, pure white, pkt., 25c; trade pkt., 50c. All colors mixed, pkt., 20; trade pkt., 40c.

Cineraria Stellata Hybrids, producing immense trusses of flowers in the most delicate shades of blue, lilac lavender, white; especially adapted for **Funeral Work.** Packet, 100 seeds. 10c; packet, 500 seeds, 40c.

CINERARIA HYBRIDA GRANDIFLORA MAXIMA, pkt., 500 seeds, 25c; 5 pkts., $1.00
" " " **DWARF,** pkt., 500 seeds, 25c; 5 pkts., 1 00
CALCEOLARIA, GIANT FLOWERING MAXIMA, TIGERED .....pkt., 25c
" " " **NANA, DWARF** .....pkt., 25c
CALCEOLARIA, RUGOSA, SHRUBBY VARIETY.....pkt., 25c

FERNS. **Fine young plants, can be readily divided into several.** Following sorts: Adiantum Cuneatum, Aspidium Tensimense, Lastrea Opaca, Pteris Adiantoides, Pteris Major, Pteris Majii, Pteris Ouvrardi, Pteris Serrulata, Pteris Hastata, Pteris Wimsetti. Price $1.50 per 100.

H. H. BERGER & CO., 47 Barclay St., New York.



Fancy or Dagger Ferns, 75c per 1000

Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Southern Smilax, $6.00 per case 50 lbs. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. FLOWERING LAUREL in its season; can ship large or small lots. 50c for a nice bunch with lovely pink blossoms.

Just what you want for your June Decorations.

CROWL FERN CO., -- MILLINGTON, MASS.

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For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

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76-78 Wabash Ave., CHICAGO.

FLORISTS' SUPPLIES

Write for our new sheet and price list.
Large stock, low prices and quick delivery.

G. STERN,

Manufacturer of

Wax Flowers,

416 West Chicago Ave., CHICAGO, ILL.

STAND IN FLOWER GROWERS' MARKET, 80 WABASH AVE.

BEGINNINGS IN DESIGN...

THE STAR AND CRESCENT.

A Piece Combining Two Styles.

The distinctive feature of this combination design is its two styles of finish. The star is plain, made solid with the carnations. The crescent admits of a much looser arrangement without destroying its outline. If you can have the frame for the two pieces made together it will be much easier to handle. The star measures between any two opposite points about one-half the distance between the points of the crescent. The star should be well set up on the easel, the point of the easel striking it about the center of the back.

First of all, bronze the easel and the cross piece which supports the star. Then it may be trimmed, or partially trimmed after your own fancy. When such wires are not bronzed they must be wrapped or covered with green, and this becomes rather monotonous when it is done on every piece, besides making a confusion of straight lines. This latter should always be avoided in design. After filling in the entire piece with sphagnum, lining with ferns, and wrapping as in other pieces before described, cover the sphagnum filling of the crescent with a solid green background of ferns and secure them in place by wrapping with No. 36 wire. Next proceed with filling the star.

Filling the Star.

White carnations stemmed on three-quarter picks, as was done for the pillow and broken column, compose the entire filling of the star. Cover the top and edges solid, making a smooth, plain surface. In such a place as this mechanical skill counts for everything. There is to be no trimming of any kind in this part of the piece. It is the positive, pivotal center of design, while the crescent and its trimmings constitute the loose rays and variations of light and color.

Filling the Crescent.

While putting on the green background of the crescent, point the ends each with the tip of a fern leaf, as is plainly seen on the right point. The edge of the crescent is here covered with smilax. Stem a medium-sized string on a whole or three-quarter pick. Insert one of the stemmed ends near the top point of the inside edge. Follow the edge of the design upwards and around the point down the outside edge as far as the length of the smilax will permit. Stretch the smilax tight. Stem the other end and attach it to the piece. Start another string at this point and continue until the whole edge, inside and out, is covered. Be careful to bury the stub end of the pick well out of sight in the sphagnum. The sight of one toothpick is enough to spoil the appearance of a fine piece.

The filling of this crescent is of Bridesmaid roses, Dutch hyacinths of the same color, freesias, ferns and candidum lilies. The Dutch hyacinths selected for this purpose are the loosely flowered spikes. Most of them are double, where the flowers are few on a stalk. Cut the stems off close to the lower flower and insert whole picks from the bottom about half the length of the picks up the inside of the stem and wrap with No. 36 wire. If the stems are too soft and thick to use in this way, make a passage for each one into the sphagnum and re-pack the moss around it. Tie down across the frame with No. 36 wire somewhere near the tip in between the flowers.

Stem the roses just below the decisive point of the stem, and if too long to keep their places after being inserted in the sphagnum, tie down as with the hyacinths. Considerable rose foliage should be stemmed with the flowers. The roses should not be monotonously set in, one way or the other, but from about the center of the piece begin to point toward each end of the crescent, with a few flowers here and there breaking the line, and seeming to fall out of place. These should be securely wired by wrapping, where they fall.

I have tried to make it possible here to single out the individual flowers in the crescent. They are not close enough together to crowd one another and to cover the background space, because the background is already laid in with green.

The candidum lilies should be stemmed in the same way as the hyacinths, and the freesias like the roses, as also are the ferns used in the group with the candidums, on the upper edge of the crescent against the easel. Observe that the five fern leaves appear to spring from the same point, like the growing plant.

The last of the trimmings is the dove bearing the rose. Wire the feet securely on the cross wire and adjust as shown in the illustration. GERTRUDE BLAIR.



The Star and Crescent.

THE BEDDING PLANT TRADE.

The season for bedding out was two weeks late in starting this year and on May 20 nearly everyone was considerably behind the average season's sales, but by Decoration day nearly all were fully up to last year's record, so great was the rush in the last ten days of May. The bedding plant trade is practically finished at Decoration day in most localities in normal seasons but this year it extended well into June and even as late as the present date there is still something doing in this line, so that the result has been, with few exceptions the best season on record, and in many localities far ahead of the ordinary spring business. Coming after the most expensive winter in years, the outcome has been most gratifying, serving to retrieve the loss in profits of the generally unsatisfactory winter and put hundreds of the craft ahead for the year.

Good prices have been realized where good stock was provided. Because of the cold, cloudy, backward spring much of the bedding stock was not ready at the usual time. This was particularly the case with geraniums, well flowered plants being in strongest demand at

Decoration day, while supplies have been larger since, as the stock came into bloom. One of the items in short supply and scarce ever since the trade got fairly under way, was English ivy. This is largely used in filling window boxes and lawn vases and every year larger quantities are required for covering graves in cemeteries. Vincas, too, were sold out early. Alternanthera has been in demand and echeveria, but largely for cemetery use, the carpet bedding which formerly consumed such quantities of these plants having fallen into disuse. Practically everything is now sold out cleaner than for several years, and the production was larger than ever. On the whole the plantsmen are to be congratulated on the splendid outcome of a season which had an inauspicious start.

MISCELLANEOUS SEASONABLE HINTS.

Mignonette.

About the middle of July is a good time to sow mignonette. I am not going to recommend any particular variety. All are good when well grown, and most growers select their plants and save their own seeds. Allen's Defiance, when true, is an excellent variety for winter use. A solid bed has the advantage that it keeps the plants fresh and growing till late in the spring, but if the crop is to be thrown out by April 1 to make room for bedding plants, then a raised bench with five inches of soil will give excellent results. If your bed or bench is all ready you can sow the seeds where they are to remain. If that is not convenient, then sow three little groups of seeds in 3-inch pots. You can afterwards divide into sections without the soil leaving the roots. Mignonette does not at all like the transplanting process. A foot apart is plenty close enough if you want fine spikes. It is well to have two or three little plants till they are an inch or two high, for the green worm may want some of them. This green worm is so exactly the color of the leaves that they are not easily detected till you see the depredations. After a spraying, dust on some hellebore and that will settle the worm.

Pansies.

We have become very well acquainted of late with a large pansy grower who has not a foot of glass and yet in ordinary seasons can ship by the middle of April many thousands of splendid pansies, each plant with two or three flowers. He sows about the middle of July. The seed beds, of finely prepared, light soil, are in the broad sun. The seed is sown in very shallow drills and the surface of the bed is never allowed to become dry or in the slightest degree baked. A cloudy day they may only want watering twice; on a sunny, windy day they may want watering ten times, and they get it. After the little plants are well up, watering is only necessary to keep them growing.

This is not the only way to raise pansies, but it has one advantage, that the plants are not drawn up weak, which they often are if sown in the shade. Sowing so early enables you to have a strong flowering plant before winter sets in and, if not much hurt by winter's frost, you have an early blooming plant, just what is wanted for the spring garden or for vase filling. Some growers lay rye straw between the plants just before freezing up begins, but I shall never believe that anything is so good for winter protection as hemlock boughs, where they are available. There is a bow to these branches and if laid with the bow up, the branches do not lie heavily on the plants.

This old gentleman, whose method we have been watching, does not cover at all and with the exception of such a terror as last winter loses but a small fraction of the plants. Now the above is a good plan to raise early pansies, for which we have most use, yet pansies make a pretty show the entire summer if kept watered and the withered flowers picked off, and for this purpose there is nothing like the plants from seed sown in early February in the greenhouse. They may be small at planting time, but they last, while these older and larger plants soon become exhausted.

Lily of the Valley.

We grew a few hundred lily of the valley every week last summer till the new crop came in. Very large growers have their own cold storage houses, where the roots can be kept at a proper temperature, but we have never found our local cold storage houses to do this faithfully and have lost a good many roots by their being kept too cold. About 28 to 30 degrees is, I believe, the correct temperature. So we got these few hundred weekly from a New York importing house and they were fine and profitable. Five inches of sand in any house where the glass is well shaded is all that is wanted to flower these retarded roots, except one important point; don't let any draught strike them or they will quickly wilt and be ruined.

Lancifolium Lilies.

Lilium lancifolium will soon be giving us bloom and very beautiful and sweet they are, album and rubrum especially, and no one can object to the odor. There is good excuse for people kicking at the use of the gorgeous auratum. Wonderful flower that it is, either outside, in the border or in the conservatory, it is overpowering in a room and about as much out of place in a design as an old fashioned sunflower would be. The lancifolium lilies may grow and flower in the broad sun in bright, fighting Japan, but grown here in pots they like neither our high summer temperature nor bright sun. Keep them in a shaded, cool house and the flowers will be larger and better in every way.

Put on the Paint.

Most roses are planted, it is a few weeks early for carnations and yet there is no rest for the florist. If you have no benches to build, you have houses to paint, either inside or out, or both, and no labor and expense can be better laid out than on a coat of paint. It is a warm job under the glass just now but with a large piece of canvas over the glass, and moved along as you progress, it is quite endurable. The benefits of a coat of paint to the interior of a house are many. Not the least is the satisfaction and thrill of pleasure you get every time you enter the bright, clean house. You get a light house, which is of the greatest benefit to the plants, and you have destroyed countless eggs and spores of your enemies. You have helped to preserve the wood. In fact, you have done a mighty good job and one that you will be thankful for and proud of when finished, and it is not such a great effort after all. We do absolutely necessary labor of ten times the volume with the greatest cheerfulness and perspiration, but shy at painting because you can "get along another season without it." Last year we bought of Benjamin Hammond a barrel of his prepared white paint for greenhouses and found it superior to any lead and linseed oil we could buy and mix ourselves. It left a fine, shiny gloss on the bars. Money laid out in paint is a good investment.

William Scott.

ADIANTUM.

I wish some of the wise ones would tell us how to grow maidenhair ferns successfully. Mr. Scott's remark that "of all greens it is the queen and there is no king" caused me to lay in a supply, but my plants do not at the present writing emphasize the compliment.

E. T.

The best method of growing maidenhair ferns for cutting is to plant them out on a bench, the usual practice being as follows:

Fill a bench with four to six inches of good soil preferably composed of rotten sod or top soil mixed with one-sixth to one-fifth of dry cow manure, the manure being broken up well among the soil. Then take healthy young adiantums from 3-inch pots, or 4-inch if you have them, and plant in the bed about fifteen inches apart, being careful not to bury the crowns of the plants too deeply. Plant firmly and then give a good watering to settle the soil, but do not water the ferns too frequently before they get well started into growth, for when the soil gets soured the ferns never make a good start.

Shade the glass moderately with whitewash or some other preparation that will come off in the fall, for while shading is required now, the growth will be too soft for cutting if grown with too little light in the fall and winter. Ventilate freely both day and night during warm weather, but avoid strong draughts on the plants, and give a little fire heat when the nights grow cold enough to require fire in a rose house, the object being to maintain a temperature of 60 to 62 degrees in the fern house at night, with fresh air in abundance and a reasonably moist atmosphere.

If planted now the adiantums should produce fronds in abundance for winter use, but will require watching in case the house in which they are planted is infested with snails, these pests having a great liking for the young fronds.

Some pulverized camphor sprinkled about among the plants will discourage the snails, or they may be trapped at night by the use of cabbage or lettuce leaves or pieces of various vegetables.

A bed of adiantum that is properly cared for will continue to produce paying crops of fronds for two seasons, after which it is best to replant, the best results being had from young plants, in preference to dividing up the old crowns. When grown for the second year the plants will need a careful trimming out and cleaning through in order to remove all dead fronds and rubbish, after which the surface of the soil may be stirred up gently and a top dressing of new soil given, the latter having a slightly greater proportion of manure than the original compost. But at all times be careful not to use fresh manure about the ferns, there being the possibility of injury to the plants from ammonia in such a case.

W. H. TAPLIN.

MEALY BUG.

We have a new (to us) kind of a pest and would like to know what it is and what to do with it. It is worst on the coleus and came where there were mealy bugs. The mealy bugs are nearly gone, but the new pest is on the increase. When it is small it is about as large as a small common pin head and is dark in the center, edged with white as it grows older. The back end grows longer till it looks like white wings about three-sixteenths of an inch long, but it does not fly. We never saw it until this year and we have shown it to some florists and they never saw it before.

M. G.

We believe that the insect that has succeeded the mealy bug on your coleus is nothing more than the same thing in a slightly different form. The female of this insect is wingless and dies after fulfilling its chief function of life, laying a crop of eggs. The male has wings, is smaller than the female and has less of the cottony covering, he is also not so round in form as the female. It is pretty certain that you have nothing but the mealy bug and if you keep the coleus you will soon have another crop of the genuine.

On all such cheap plants as coleus it will never pay to attempt to clean the plants; burn them and start with a new, clean lot in the fall. On valuable plants, such as palms and dracænas, there are numerous remedies recommended. Washing with soft soap and nicotine is a very old remedy. Gishurst Compound is excellent used in the same way. Washing or even syringing with kerosene emulsion is practiced with success by some growers. All these remedies will effectually clean the individual plant, but it will not clean the house. It is asserted by high authority that hydrocyanic acid gas will kill the full-grown mealy bug and if this is persistently used every two weeks for a few months it will clean your house of mealy bug, red spider, thrips, all kinds of aphides and everything else that breathes through the mouth, and minute as is the red spider, it has a mouth and probosis and breathes. There is really little excuse for mealy bug on palms, dracænas and cycads or any plants that will enjoy a strong force of plain, cold water, for that will keep them down.

W. S.



Pink Peony, Modele de Perfection.

ASPARAGUS FOR SEED.

Please tell us a few things about growing Asparagus plumosus nanus for seed. Shall I plant my stock in the ground or leave the plants in large pots? What soil should they have? If in the bench or bed how shall I renew the soil and give them fertilizer, and when? Is it the old growth or the new which bears the best seed? Do they need thinning or spraying? What temperature is required in winter when the vines are full of seed?

S. B. R.

Whether the asparagus is grown for cutting or for seed, it is the best plan to plant it out in a deep and well prepared bed of rich soil, for under such conditions it will not be necessary to disturb it for several years, provided proper care be given to its culture. A bed of soil two feet deep, and having a layer of broken bricks or cinders in the bottom for drainage, is not too much for a good asparagus bed, the soil being rotted sod or top soil with about one-fifth of good stable manure mixed in it. This will probably not need more manure during the first season, provided the soil was of good quality to begin with, but after that a top dressing of manure, or manure and soil mixed, may be needed twice a year.

Asparagus does not begin to flower until the plants are strong and the growths are mature, and even then is by no means a sure crop, for there are sometimes only a few growths in a house that will produce seeds. As this asparagus is rather slow in its growth, there is no need of thinning and seldom any cause for spraying, unless the plants are attacked by thrips or red spider, it being understood that this question refers to spraying with insecticides, and not to syringing simply with water; the latter is a very necessary part of the culture during bright weather.

The proper night temperature for Asparagus plumosus during the winter is 65 degrees, and to get the best results the temperature should not vary greatly.

The depth to which the asparagus should be planted depends upon the size of the plants, the old ball being buried to a depth of one to three or more inches, according to whether the plants are from 3-inch, 4-inch, or larger pots.

W. H. TAPLIN.

PEONIES.

There have been a great many peonies introduced since Festiva maxima was distributed to the trade, but there are few indeed which are in any way comparable to it. Festiva maxima was offered by Miellez in 1851, so that it has been in the trade fifty-three years, but as an early white it cannot be beaten. Well established plants carry their blooms sometimes four feet from the ground, and this year, which was a very favorable one for the development of the blooms, gave flowers nine inches in diameter when fully expanded. One of the accompanying illustrations shows a single bloom of Festiva maxima and in the larger illustration, showing a view in the Peterson Nursery, Chicago, the plantation of this variety is easily distinguishable, although in the extreme background in the photograph. At this great distance it can be seen that it holds up its head above the nearer varieties and its profusion of bloom can readily be seen. At the foreground in the picture is a field of iris, one variety of which is particularly worthy of note. It is Madame Chereau. Mr. Peterson's six-year-old son, Norman, is standing beside a row of this variety. The plants were forty inches high when photographed. The flower is pure white, very large, with a frilled margin all around each petal.

Although very many meritorious varieties of peonies have been introduced in recent years and the list of sorts now

numbers literally thousands, still Queen Victoria, or the old Whitleyi, stands as one of the best varieties in white. It is one of the popular sorts for the florists, as it is an excellent keeper and a very good shipper. It also keeps well on the plant when used for garden work. The true stock is of strong growth and the flowers are of good size. They open two days after Festiva maxima. The variety Whitleyi was first described in England in 1808. The name Queen Victoria is a more modern appellation.

Modele de Perfection is a pink peony which has been sold for some years at the Peterson Nursery under this name. This is not the same variety which is sold under this name in Europe. Both are pink but the characters are quite different. This variety, however, is worthy of its title. It is of one shade of pink throughout the bloom. It is one of the so-called pineapple centered varieties. The illustration shows the broad guard petals, the center of the expanded bloom being very compact. It is a free bloomer, every stalk running up to a flower bud and on young plants the amount of bloom is noteworthy. Mr. Peterson is of the opinion that this variety is identical with M. Jules Elie, a pink variety sent out by Crousse in 1888, and other experts agree with him. At best the differences in growth are very slight and might easily be accounted for by differences in the strength of the plants from various sources.

One of the Crousse varieties of 1880, which has proved of exceptional merit in this country, is Madam Geissler, very large, late, clear rose color. The plants grow to about thirty-six inches in height and the blooms are seven inches in diameter when fully developed and about five inches deep.

The sale of plants and cut flowers has increased wonderfully in the last few years, the peony enjoying an era of popularity heretofore unknown to this flower. Of course large numbers of plants are moved in the spring, but growers agree that it is very much to be desired that planting be done in the fall and Mr. Peterson recommends that all planting be done in September. He says that plants divided and reset at that time will make one-third more growth the next season than if planted so late that root action does not begin before frost. He thinks this is a great drawback to European importations, as most of them arrive so late that it is impossible to get them started well the same season and it takes two years to find out what they really can do.

Certain complaints about the failure of plants to bloom satisfactorily have led Mr. Peterson to make some experiments which have convinced him that the seed follicles should be removed from the plants after the bloom has passed. Do not let them stay on and wither or it will cut down the amount of bloom the following season. This has been shown by careful tests with plants growing side by side.



PERLE DES JARDINS.

This old favorite, which has been somewhat neglected during the past few years, has seemingly along with its sports, Sunrise and Sunset, begun to find favor with the public again. A few years ago there was no rose growing establishment of any note but planted at least one-fifth of their rose space to this variety and those who could do it well found it a profitable crop. The places where it is now grown in any such quantities are very few, not because it cannot be grown as well, although I am convinced that it has deteriorated in a measure, but because there has been little or no call for that color during the past year or two.

The larger growers finding the market for this color failing, gradually dropped it, while some of the smaller growers still cling to it in a half hearted way and its deterioration, if any, can be ascribed to neglect, both in the care and attention given to it in propagating and growing.

To grow this variety to perfection great care must be exercised in the selection of wood for cuttings, as in the proper choice of wood lies the success or failure to produce plants which while giving a robust, vigorous growth will also attain that firmness of foliage and wood capable of producing large, well developed buds of good color and form and the smallest percentage of bull-heads.

To eliminate this propensity to produce bull-heads the wood selected for propagating should be that close-jointed, firm and well ripened blind wood taken from as near the top of the bush as possible, where it has been exposed to sunlight and air. For years during the time this rose was in favor, I tried the experiment of propagating from flower stems, using from one to three eyes and followed up the practice year after year, as the theory was then highly commended, with the view of getting rid of bull-heads. On carefully comparing the results I found that these plants produced thirty-five per cent more bull-heads than the plants from blind wood cuttings. Where the plants showed a tendency to throw bull-heads I found it a profitable plan to remove the crown bud and use a lateral instead.

The soil that seemed to best suit this class of rose was a stiff, fibrous clay with very little manure added. Manure containing a large proportion of nitrogen seemed to encourage that rankness of growth favorable to the production of bull-heads, whilst bone meal, lime or wood ashes had the effect of producing a firmer texture of foliage and harder wood more suited for the development of perfectly formed flowers of a rich color.

The temperature at which this variety does its best is 62° nights, running to 75° or 80° during bright sunshine. To secure the best results in color and keeping qualities care must be taken not to overfeed, especially with liquid manure during the winter months.

Being of a softer nature than most roses the buds should be cut close, especially if they have to be shipped a distance, and care should be taken to leave at least three fully developed eyes so that a future crop may be assured.

If this color becomes as great a favorite in the future as it has been in the past we may expect some new varieties on the market, as I am informed that there are a few seedlings which in point of merit are away ahead of the Perle, and which are maintaining stable characteristics.

RIBES.

PIPING FOR HOT WATER.

We have an office 12x12 feet; adjoining this is a house 18x48 running east and west; running north and south from this are two houses, one 15x45, the other 16x100. The boiler is under the house next the office, but we are thinking of putting in a new hot water boiler and locating it in a pit at least six feet deep at the south end of the long house, about 130 feet from the office. We shall use 2-inch pipe mostly. In the house 18x48 we want 50 degrees when it is 15 below zero outdoors; in the house 15x45, 55 degrees, and in the house 16x100, 53 degrees. How many linear feet of 1½-inch and 2-inch pipe make a square foot of radiation? Please give the rules for obtaining the amount of radiation which will be required in a house of given dimensions when the temperature needed and the coldest outdoor temperature are stated.

J. W. M.

It is not an easy thing to give the rules for computing the heat requirements for houses with different exposures and situations, which are to be piped with pipe of various sizes. In the first place the piping is based upon the area of the roof and sides of the house which are exposed, the amount of piping depending upon the temperature to be maintained during severe weather. While the area of standard pipe is always the same, the constants for determining the radiation needed differ for the temperature required, depending upon the heat used, whether hot water or steam, as well as upon the pressure. It is therefore, quite impracticable to give all the tables and method by which these factors are determined. The constants used have been worked out by mechanical engineers and by careful experimental tests in the greenhouse.

Without, therefore, endeavoring to explain further the method by which conclusions have been arrived at, I will state that your boiler, which is the keynote of



The Field of Irises and Peonies at Peterson Nursery, Chicago.
(The row in the far distance is the leading white, the strong growing Festiva maxima.)

the whole situation, must have a capacity to supply heat for at least 1,250 feet of radiation, or the boiler must have about 160 square feet of heating surface, which means the area of the surfaces exposed to the fire and heated gases.

The piping will be as follows: House 18x48 feet piped with 1½-inch pipe requires 620 feet and with 2-inch pipe 496 feet. The house 16x100 feet piped with 1½-inch pipe requires 1,154 feet and with 2-inch pipe 923 feet. The house 15x45 feet piped with 1½-inch pipe requires 480 feet and with 2-inch pipe 384 feet. Or ten runs of 2-inch pipe in the house 18x48 feet, nine runs of 2-inch pipe in the house 16x100 feet and nine runs of 2-inch pipe in the house 16x45 feet.

L. C. C.

FORCING LILAC IN FRANCE.

M. Jules Veran, a French writer, gives some interesting facts about forcing lilac, as follows:

"The lilacs to be forced are repotted at the end of June or the beginning of July, according as the weather is more or less sunny. Care is taken for the first fortnight to keep the plants in a shady place, where they are constantly kept covered; they must never be allowed to wilt; for this reason they are only repotted early in the morning or in the evening, the pots being plunged up to the rim. Watering is done frequently, and once a week liquid manure well diluted with water is applied. Watering is reduced in amount toward the end of September and the beginning of October, when the leaves begin to fall. At this season the pots are dug up and placed side by side, watering being altogether stopped, so that the plants may enter upon a period of rest, when excess of moisture would cause rotting of the roots within the pot. For this reason the plants are, from November onward, kept under shelter from the autumn rains. This condition, modified according to circumstances, is an important essential for forced lilacs. The plants should also be covered with a deep mulch of dry manure.

"Forcing begins about the middle of November, in order that the flowers may be produced for Christmas or New Year's. The forcing house is divided into three compartments; one is completely covered over to exclude the light, the plants being placed side by side, the stems only being wetted with warm water at a temperature of 28 to 30 degrees Reaumur (say, 95 to 100 degrees Fahr.). In three weeks' time the flowers expand, and it is then necessary to expose them to the light. They are in consequence removed to the second compartment and well watered. After a week the flowers begin to show color, when the plants are removed to the third compartment at a temperature of 15 degrees Reaumur (66 degrees Fahr.), where the flowers assume their normal color.

"This plan demands five or six weeks' longer time than is required when the plants are subjected to complete darkness, but the results are stated to be superior. After New Year's no more plants are placed in the dark, but they are copiously watered. Forcing terminates at the end of April. The shrubs that have not been forced, as well as those from which the flowers have been removed, are cut down and planted in the open air, when in two years' time they are ready to be again potted and subjected to forcing."

TOPEKA, KANS.—C. E. Hubbard is planning to build two good-sized greenhouses to accommodate the needs of his increasing trade. He has had a small greenhouse in connection with his seed store for several years.

DENDROBIUM PHALAENOPSIS.

Apart from their merits as useful plants for house decoration and for cutting purposes generally, the numerous distinct varieties of this beautiful species are among the finest of exhibition plants, especially as the flowers remain fresh on the plants for a very long time, and also when cut. The plants of D. Phalænopsis will soon make numerous young roots from the base of the new growths. Before these have made much progress, any plants that need more root-room should be repotted, when the roots will quickly establish themselves in the fresh compost. Where it is intended to hang the plants up to the roof, small shallow pans are generally preferred; but the ordinary flower-pot with wire handles attached may also be employed. Whichever be used plenty of drainage is necessary. I am using pans for the smallest plants, and providing only a thin layer of fibrous peat and sphagnum moss for them to root into. Larger examples are placed in pots with a compost of peat, leaf soil, and sphagnum moss in equal parts; a little coarse silver sand and a few small crocks are added to the compost during the repotting process. The pots are filled nearly to the brim with soil, and a layer of clean picked moss is packed firmly around the base of the plant. Those plants provided with such a compost will require very careful watering all through the growing season; it is only necessary to keep the surface moss in a fresh growing condition. Those plants in pans with a much smaller amount of compost will require an abundance of water until the flowering season is past. In either case very little water will be needed for several weeks after repotting, but as the new shoots lengthen and roots become more plentiful, the supply must be gradually increased. When in full growth

these dendrobiums require an abundance of heat and atmospheric moisture, and should be put in a part of the house which is but slightly shaded.—W. H. White, orchid grower to Sir Trevor Lawrence, in the Gardeners' Chronicle.

COST OF FUEL.

My greenhouse is 18x40, ten feet to ridge, four feet side walls. Use natural gas at 27 cents for fuel and steam as a heating medium. The cost of gas last winter was about $80. Is this as cheap as a good grade of soft coal at $3 a ton? Was the above cost reasonable for maintaining 50 degrees in a house of this size? C. L. W.

With a small greenhouse, such as you have, it is a question if it is not cheaper for you to use the gas at the high price quoted than to attempt to fire with coal at $3 per ton. With gas there is little or no attention demanded in the way of firing, but to maintain a constant steam pressure with steam-coal would require that the boiler be fired at least once in two hours throughout the whole twenty-four hours. It is not so much a question of cost of fuel as of cost of running the plant. I judge that, everything considered, the gas, while more expensive, is more satisfactory, and if it is necessary to hire the firing done, gas will prove cheaper. At 27 cents per 1,000 feet gas is equal to coal at $8.10 per ton. Hard coal might be substituted for the gas by using a self regulating boiler with a slight saving in cost.

L. C. C.

Chatham, N. Y.—The Chatham Floral Co. is installing a new heating plant.

Batavia, Ill.—The ground occupied by the Batavia Greenhouse Co. is being cleared preparatory to the erection of a larger and more up-to-date plant.

VIOLETS.

Seasonable Work.

Those who have their houses planted and now nicely under way cannot sit down in the shed, thinking that the work is all done and that they might as well cool off, for if one tries this method he will soon find that the weeds, aphis, etc., are making the most of his absence and getting in their "best licks." There is nothing that tends to make good crops more surely, either indoors or out, than good, constant cultivating, and while you cannot use the small hand cultivators in the house, you can use the little five pronged scratchers to good effect in their place, and if done often enough it saves work, as it not only does the cultivating but keeps the weeds down, for they dry out at once as soon as they germinate.

Do not let any aphides, either green or black, get a foothold. If any are seen take the first bright, dry morning you have and dust them with tobacco powder, syringing this off from two to three hours later. Do not trust to one or two applications being permanently effective but keep a constant lookout for these as well as all enemies. Go over the plants often, gathering and burning the yellow leaves and trimming the runners off so as to have nice stocky crowns by the time you are ready to pick flowers. R. E. Shuphelt.

VIOLETS UNDER SASH.

I have two sash houses 150 feet long on which one-half the sash can be opened as ventilators. Can I plant one house with Marie Louise and the other with California violets in July without removing the sash? Should I keep the runners cut off the Californias, the same as with Marie Louise, or let them grow, as if they were planted in the field to be housed in the fall? A. N.

From the description I should suppose that the houses would do very well for violets and, as I take it they are old houses, I would emphasize what I said a few weeks ago about cleaning out, fumigating, painting, liming, etc., so as to have the houses in good shape. They can be planted without removing the sash, but of course you will have to do some shading and give all the ventilation possible. However, as I understand that part of the sash open at the ridge, care will have to be exercised that they be closed during heavy showers to prevent packing down the borders and getting them heavy and in poor condition. We would keep both houses thoroughly cultivated, runners cut off, old leaves picked off, etc. R. E. S.



Rose Pink Peony, Madam Geissler.

Vegetable Forcing.

INDOOR GRAPERIES.

The undersigned, for one, was much interested in the article on "Indoor Graperies" by W. S. Croydon. Like him, I have often wondered that grape growing was not taken up here as a commercial industry. Not in the remotest degree would I attempt to criticize anything that was said in that brief but able review of the subject, but rather to corroborate and encourage some enterprise in a field in which I feel sure there is every promise for a handsome return for the outlay of capital, skill and labor.

The grapes grown under glass in Europe and this country are varieties of Vitis vinifera, native of temperate regions, and yet when the wood is properly ripened it will endure zero weather. Our American grapes are the offspring of Vitis Labrusca and in skin, flesh, texture, flavor and foliage they are widely distinct from what are generally known as exotic grapes. I have heard full grown Americans say they preferred a bunch of Concords to a bunch of Black Hamburg. There is no accounting for taste! We knew a worthy Scotchman who considered a solo by Duncan McLeod, "The Campbells Are Coming," on the bag pipes far superior to Remenyi's rendition of Beethoven's sonata on the violin.

The taste and demand for these exotic grapes is no longer a question. A few years ago we had in our employ the son of a wealthy landowner of Belgium whose father sent to New York during the winter months tons of grapes and, as a box arrived at our house and we helped to eat them, we can vouch for the quality. We were informed that they netted the Belgian grower something like $2 per pound. As there was freight and commission and retailer's profit to be added to this, by the time they were devoured by Reginald Astorbilt they were indeed a luxury. Yet not the slightest bit more an extravagance than American Beauty roses at $24 a dozen.

Twenty-eight years ago we sent to New York City a good many hundred pounds of indoor-grown grapes at the end of July. We received $1.50 per pound for them and in August $1 per pound. In New York, Boston, Chicago or Philadelphia, as well as many smaller cities, where one pound of these delicious grapes could be sold thirty years

ago, today 500 pounds would find a ready market.

Before I invested very largely in graperies it would be well to know the possibilities of California and our late acquisition, Porto Rico, although I think the latter island too tropical for these grapes. A variety of grape comes to us from California in the late summer months. The variety I don't know. It is a red, gristly, oval berry, fine in flavor but always seems to me as if cut before it was ripe. A grape never goes on ripening one hour after it is cut; it must be fully ripe when cut. After all, if California can produce the best of Black Hamburgs and Muscat of Alexandria she would only be in opposition to our home glass-grown products during the short season when the crop was ripe, while we with our glass-protected product could have them earlier and later, for under proper conditions they will hang for months. For instance, in England grapes ripened in September are kept in good condition on the vines till the following March. Perhaps in our winters we could not do that, yet we could easily keep them till Christmas.

Now as to the probable profits of this most pleasant horticultural industry; we can form some idea from the price the grower gets on the other side of the Atlantic. Although I quoted $2 per pound to the Belgian growers, there would be money in grapes in the month of August at one-fourth that figure. From several causes, largely by the appearance of mildew, outdoor grape-growing in Great Britain has for the past half century been almost abandoned and practically all the grapes are produced under glass. While the milder and sunnier climate of France, southern Germany and the still more favorable climates of Italy and Spain, produce these fine grapes without protection, little attention is paid to their cultivation under glass, hence the great skill and art, we must call it, of the British gardener has produced extraordinary results. A single bunch of grapes exhibited at Edinburg some twenty years ago weighed a few ounces over twenty-seven pounds and to prove this was no freak or monstrosity, the second prize bunch was but a few ounces less.

Fifty years ago in the British Isles these hothouse grapes, as they were often called, were as much out of the reach of the moderate income as they are here today, but that is no longer the case. Some forty years ago millions of feet of glass were erected for the cultivation of the grape; all classes went in for grape growing. In crowded cities, where there was a little back yard, as well as in more favorable localities, up went the graperies. In one favored spot on the south coast, Worthing, county of Sussex, with the shelter of the South Downs on the north and English Channel on the south, on a deep, rich loam, acres of graperies were built and, although I am speaking from distant recollections, I feel sure that hundreds of tons of these grapes did not net the grower more than sixpence (12 cents) per pound. Such was the excellence of the soil and salubrity of the climate that we can remember being there one August day as an English volunteer, a sort of Fourth of July soldier, and buying some fine ripe figs at the rate of 50 cents per bushel.

We have any amount of such good land and, as Mr. Croydon remarks, our climate, even in our northern states, is infinitely more favorable from March to December for the cultivation of the grape than is that of Great Britain.



The White Peony, Festiva Maxima.

These remarks are too long already, so I must cut short some points that I intended to comment on. Style of house, soil, inside or outside borders, cultivation, etc., are worthy of a good sized book and it is not quite called for here. Just a word about what once existed here and in many cities of 100,000 or 200,000 about thirty-five or forty years ago. Building a cold grapery was a craze with hundreds who could afford it. Scarcely one now exists. The proprietor thought building the grapery and planting the vines was all there was to it and the coachman or hired man could do the rest. A few years of failure, then disgust, then down came the structure and now grape growing under glass is confined to wealthy men's places, where they keep real, live, professional gardeners, such as Arthur Herrington and Wm. Duckham, who raise splendid grapes.

This luscious and delicious fruit is the most simple to pack and a good traveler and if I were young again and knew what I do now I should not start grape growing north of Maryland or Virginia. Freight to our large cities would cut no figure, but the severe winters and the cost for fuel, either in early forcing or late retarding, would be of great moment, and not only cost of fuel but our terrible winters would be hard to overcome.

In conclusion, there is only one feature of grape culture that is tedious and that is the thinning of the berries. Very cheap help could be taught that. The difference of the labor between England and this country that would enter into the production of these grapes would not be 5 cents per pound and if they were let in free, so much the better, for it would put ginger into us.

In this city on February 1, 1875, I put twenty-four eyes of grape vines in 3-inch pots. All did well and produced grapes, but from the best of the lot on August 1, 1876, or after about nineteen months, from this little bit of wood an inch long I cut twenty-three bunches with a total weight of seventeen pounds. I did something entirely different from the old, orthodox plan or would not have got those results. Goldsmith, when looking on decaying Italy, said:

Ill fares the land, to hastening ills a prey,
Where wealth accumulates and men decay.

The best way for us to keep from decay is to grow and produce what the wealthy are willing to indulge in, and grow it good and fine, and not trust too much to "protection." WILLIAM SCOTT.

CUT WORMS AND ANTS.

Please let me know, through the REVIEW, of a remedy for cut worms on cabbage plants, and if any brother florist can tell me how to destroy ants I shall appreciate it. I am greatly troubled with both pests. P. J. K.

As a preventive against cut worms on cabbage plants a liberal dressing of air-slaked lime given to the soil a week or ten days previous to planting is about the best thing I know of. When the plants are once attacked it is hard to get them back into good health, though I have found that watering the healthy plants, after a few began to show signs of the trouble, with a solution of nitrate of soda, using a good teaspoonful to a ten-quart can of water, will prevent further injury. Infested plants should be pulled up and destroyed.

Feed the ants, near their holes, with powdered sugar for a few nights and, when they have got to eating and carrying it away freely, add a little arsenic This will soon put an end to their careers. The advantage of the powdered sugar is that the particles, being small, are easily carried into the holes, where they feed it to their young brood and the queens. Once the latter are destroyed the supply of eggs is cut off, the queen, like the queen bee, being the only female in the hive.

W. S. CROYDON.

TROUBLE WITH CUCUMBERS.

Enclosed you will find a diseased leaf of a cucumber plant. I still have the sash on. The same brown spots and burnt edge first appeared after the glass had been removed last year. If possible please tell me whether the green lice usually found on cucumbers have anything to do with it, or is it probable that there is something wrong with the soil?

G. H. B.

From the appearance of the leaf sent, I should judge that the trouble is caused by inactivity of the roots, probably due either to unsuitable soil, an over supply of water or insufficient drainage. Cucumbers require plenty of water but sufficient drainage must be provided so that it does not leave the soil soggy. I can find no trace of fungus or other disease; it is a scald pure and simple caused through the failure of the roots to supply the necessary nutriment to support the foliage while subjected to the strong rays of the sun. The green lice mentioned would not in themselves cause the trouble unless the plants were badly infested, but they certainly assist in weakening the plants and some means should be employed to get them cleared out. A few small bundles of tobacco stems laid around the plants in the frame from the time they are planted and renewed occasionally when the strength is spent will be found a good preventive.

W. S. Croydon.

MADISON, N. J.

The Thrips Scare.

This town has been coming in for considerable attention of late, on the part of the newspapers, owing to the thrips scare among the rose growers. While it was largely exaggerated, some of the papers even claiming that the industry was ruined, the fact remains that it was bad enough. No one ever remembers seeing anything like it before and we hope never to again. The thrips appeared to find everyone at once and appeared by the millions on the vegetation outside. From there to the inside of the greenhouses was a short step and the thrips soon took it. Most rose men are familiar with this tiny little fellow, so small as to be almost invisible, but the damage a host of them can do to the buds in a rose house is beyond belief.

At this writing the pest is under control again everywhere so far as I hear, and peace once more reigns. A heavy rain or two washed them away outside and a vigorous use of the hose supplemented by fumigation evenings, has pretty well cleared them off inside. The thrips did not by any means confine themselves to Madison. Many other sections report a more or less severe visitation, one correspondent in Massachusetts writing me that he had them around his houses by the million.

Various Notes.

Replanting is now proceeding rapidly in this section. Many growers kept in their roses later than usual in the hope that June, which usually is a good month, would help to make up their losses of the winter. So far this hope has not been realized and it is not to be expected that any but midsummer prices will rule the market from now on. Very few of the new La Detroit are seen. One or two are trying a few Killarney, but the rose growers here prefer to wait until someone else demonstrates the value of a rose before they will take it up, and practically the only roses grown are Beauty, Bride and Maid.

A. H. Folger, representing the James L. Reynolds Fertilizer Company, has been spending a week here gathering up his orders. He reports business as excellent in his line with a great increase over his trade last year.

James Hart has disposed of the remainder of his greenhouse plant to Robert M. Schultz and will in future devote his whole time to his wholesale business in New York. Mr. Hart claims to be the father of the wholesale business and practically all the successful wholesalers in New York had their first tutelage under him. He still retains his residence here. "Bobby" Schultz is one of the best known rose growers in town and is now hustling to get his new place planted and in shape. He is an expert in his own particular line and will be heard from this winter.

Chrysanthemum stock is looking fine in this section. Charles H. Totty reports that he is about cleaned out of young stock of his novelties. He has made shipments to every state in the union. The plants with A. Herrington and W. Duckham are in splendid shape and the usual number of prizes in the mum classes will doubtless come to Madison this fall.

B. B.

BUFFALO.

The month just closing will long be remembered as an ideal and lovely June and local florists will remember it as being a prosperous time. There have been any number of weddings of the most intense interest to the contracting parties, but few that called for a very elaborate display of the florists' art and materials, still all doing something. It seems to me that we have not had the school commencement business so good for many years, or ever, as this year. Last week was the great time and every day all hands were kept on the jump making up bunches of roses and carnations; still there were flowers enough. At the graduation of the high schools flowers are not allowed to be presented to the lads and lassies. If they were I doubt if there would have been enough to go around.

Outdoor roses have been very useful the past week. Baroness Rothschild, Ulrich Brunner and Magna Charta are lovely if kept watered and disbudded and you get up at 5 a. m. to cut them. The two best carnations we have for this time of year are Ethel Crocker and Prosperity. The benches of these are truly wonderful. There are any amount of poor, mildewed roses coming in and there are also some very good and clean Brides and Bridesmaids. W. J. Palmer, Charles Guenther and Corfu are cutting fine Kaiserin and Carnot. I am glad to say that prices, both wholesale and retail, have not descended to quite as low a mark as that quoted from some cities. The season of the fire cracker is close upon us and then comes the dull two months.

There will be some building this year. W. Legg, who sold his Delaware avenue place last March, has erected two houses eact 20x75 on Delevan avenue close to the entrance to beautiful Forest Lawn. F. L. Poore has just completed a house 20x75 at his Delaware avenue place, also catering to cemetery trade. W. J. Palmer is building a house 30x300 at Lancaster, I think destined for carnations.

C. F. Christensen was so delighted with his spring business, selling out early and clean, that he proposed spending a month on the Aleutian Islands, shooting sea otter, but has finally made up his mind to put the money into two new houses each 19x125.

Very few visitors of late, or they have escaped me. S. S. Skidelsky was here. He tells me has the distribution of John Murchie's splendid white carnation, Fred Burki. This looked to us as fine a white as the Detroit convention could show. As Lawson is one of its parents, it can't be far wrong.

Our most able superintendent of Forest Lawn, George Troup, sailed last week for the "Land of brown heath and shaggy wood, land of the mountain and the flood," land of Burns, and Scott, of Carlyle and a hundred other philosophers, besides warriors and statesmen by the carload. Their blood has furnished the majority of the presidents of the United States. Shakespeare was not a Scotchman, although his ability would warrant the assumption that he did belong to the land of Cakes. Mr. Troup has gone abroad as a single man. Let us pray that he will come back double.

The committee to arrange premiums for the H. A. Meldrum annual fall exhibition (Prof. Cowell, Charles Keitsch and W. S.) met recently and the schedule will soon be mailed to all likely exhibitors. As last year, the amount given in premiums is $1,000 to be paid the night the exhibition closes. We struck out plant classes entirely, as they brought scarcely any competition and little attraction. In classes for cut mums that must be grown and exhibited by the grower only and whose place is within fifty miles of Buffalo, $300 is given. By cutting out the plants this leaves just as much for Adrian and Richmond and I hope this year some others. The classes are few but juicy.

A wedding of exceptional gaiety will take place on East Balcom street, Wednesday, June 29, at 2 p. m. The bride is the beautiful daughter of Mr. and Mrs. Wm. Warring and the lucky man is Frank Miller. The decoration, mostly field flowers, will be under the direction of Roland Cloudsley, inside decorator for the William Scott Co.; breakfast by Cummings, music by Marcus. Mr. Warring is very familiarly known among the boys as "Old Hoss." We shall be there because we know that Billy will have something up in the corner cool and refreshing with a piece of ice on top.

W. S.

CATALOGUES RECEIVED.

Johs. Telkamp, Hillegom, Holland, bulbs; Raynbird & Co., London, England, agricultural seeds; M. Herb, Naples, Italy, bulbs; Hobbies, Ltd., Dereham, England, garden guide.

Rockford, Ill.—Edwin Dempsey & Co. are planning to increase their glass during the summer. A new boiler will be installed. Mr. Dempsey lives in Chicago.

Albany, N. Y.—Newman & Gatz are starting in business with a new range of three houses, one 14x100, one 16x100 and one 20x100 with a show house and office, the material having been bought of the A. Dietsch Co., Chicago.

PHILADELPHIA.

The Market.

The market is very dull this week. There is little business and not overmuch good stock. A few specialties, such as Beauties, white roses and valley are chief factors in the limited demand. Sweet peas are awfully plentiful and cheap. Summer flowers of good quality, thanks to the thunder showers, are seen in great variety. There is a little demand for them but it requires careful nursing.

Correction.

A note appeared in this column two weeks ago that "John A. Shellem states he will retire from the business on July 1." This should have read Herman Schoenfeld. It was an unfortunate error for which I trust Mr. Shellem will accept my humble apology.

Various Notes.

Samuel S. Pennock is receiving a few fine orchids.

John Westcott entertained a large party of his friends at Waretown, on Barnegat Bay, last Friday. Among the Commodore's guests, most of whom stayed a day or two, enjoying the boating and fishing, were William R. Smith, W. F. Gude and Mr. Loeffler, of Washington, D. C., J. C. Vaughan, of Chicago, John N. May, of Summit, N. J., John Burton, Robert Craig, Robert Kift, Edwin Lonsdale, David Rust and others.

Herbert G. Tull took a party of friends by boat to Riverton last Saturday. The immense Dreer place is fast assuming its Fourth of July, neat as wax appearance.

The Henry F. Michell Co. has just elevated an immense sign measuring 30x36 feet to the roof of the seed store. "Michell's Seeds" can now be seen from the Delaware to City Hall.

H. H. Battles entertained a number of visiting florists at luncheon last Saturday at Boothby's. His guests were William R. Smith, J. C. Vaughan, W. F. Gude, Mr. Loeffler and Samuel S. Pennock.

Rowland C. Hayden enjoyed a three days' fishing trip to Barnegat Bay last week.

H. Bayersdorfer & Co. report some fine orders for cycas leaves and wheat sheaves.

William J. Baker is receiving nice lilies of the valley.

Ferdinand Le Gierse, Jr., has taken the place of John Wild, at Swarthmore, Pa.

M. Rice & Co. are making the best use of the lull which precedes the storm by taking account of stock, a necessity in every well conducted business.

E. Nieman, with Robert Crawford, Jr., was married on Monday evening. His brother and family came down from Pottsville for the wedding.

C. F. Edgar & Co. are receiving white petunias and flags from H. H. Battles' Thorn Hedge Farm at Newtown Square and candytufts from Herman Schoenfeld's place at Upper Darby.

C. H. Campbell reports an excellent spring plant business.

William J. Baker has some exceptionally fine Emily Henderson sweet peas.

Godfrey Aschmann has experienced a heavy demand for soft wooded plants this season.

The rose and sweet pea show of the Pennsylvania Horticultural Society was held last week under favorable conditions. General interest has increased and better displays are made under the society's banner. Well done Mr. Rust.



The White Peony, Queen Victoria, the old Whitleyi.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to "Phil," in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

No. 17. What are the average expenses for labor in greenhouse plants of 50,000 and 10,000 square feet of glass?

The question is a very difficult one to answer, as the expense would vary because of many circumstances in the individual cases. It would undoubtedly be more per square foot for a small plant than for a larger one and would also vary with the different classes of stock grown.

No. 18. Is coke at $3 a ton a more economical fuel than anthracite pea coal at $4 a ton?

I think coke at $3 per ton is somewhat cheaper than pea coal at $4. Pea coal is so much used now for domestic purposes that the price has been advanced in consequence, so that it is almost beyond the reach of florists. The most economical coal for florists is the best grade of soft coal, where there are suitable boilers for burning it. So far as my experience goes, Georges Creek soft coal is the proper article.

No. 19. Is there any injustice to large buyers for a firm which imports bulbs and roots to advertise this stock throughout the season and sell it from cold storage to the small buyers?

Of course it is true that a large quantity of bulbs are now kept in storage, but the purchaser of these cold storage bulbs must pay the cold storage charges and a certain amount of interest for the extended time taken in delivery.

Base Ball.

The return game between teams representing the Flower Market and Robert Craig & Son was played at Wyndmoor last Saturday as announced in the REVIEW last week. Unluckily I had to work and do not know whether a "high sky," a "wizard pitcher, a "home crowd," the fierce heat or Old Nic himself was too much Craig & Sons, but I know there was plenty of sport and that the Flower Market won by the following score:

Innings	1	2	3	4	5	6	7	8	9
Craig	1	3	0	4	4	0	0	0	3—15
Market	0	6	0	3	1	5	3	4	x—22

The teams were as follows: Craig & Sons, Gus, cf; Kennedy, s s; Palmer, 1b; Ward 3b; Feeni, 2b; Boyle, lf; Davis, p; Fariano, c; W. Davis, rf. Market, Hartley, 2b; Jordan, rf; Eble, lf; Colflesh, p.; Stephen, c; Schock. ss; Clark, 1b; Upton, 3b; Brown, cf. PHIL.

NORRISTOWN, PA.—John G. Steffen is planning to build a house 30x100 feet for miscellaneous stock.

WEEHAWKEN, N. J.—Halliday & Smith are building a house 28x100 using material from the A. Dietsch Co., Chicago.

NAPERVILLE, ILL.—Jacob Rohr has admitted his son Charles to a partnership and the firm is now Jacob Rohr & Son.

NEW YORK.

The Market.

The market on Monday was still weak, with no encouraging signs of convalescence. Saturday and Sunday were the hottest June days in New York in thirty years. Nearly 100 degrees was reached in the shade and in the sun man and beast were prostrated. Even June brides could not lift the depression and they have only a few days left to get into the band wagon. Carnations seldom go above $1 for the finest. Roses are a drug. Hardly any demand for anything. One pleasant feature of the week which will break the monotony, is the outing of the club on Wednesday. Everything at this writing indicates a great success. Full particulars with names of winners cannot reach this week's issue. But if every club in the country will display the same enthusiasm as to a summer reunion it would add immensely to the harmony and stability of all such organizations.

Various Notes.

Joseph A. Millang, the Beauty king, celebrated his thirty-fifth birthday June 21. Strange some fair damsel does not take advantage of leap year in this case.

Frank Millang contemplates another trip to his western ranch near Portland, Ore., this summer.

A. J. Fellouris is back from Mars Hill and the Acropolis with his Grecian bride, looking much the better for his European trip.

Mr. Bland, of Girard & Co., florists of Regent street, London, England, is on a visit to America and the World's Fair.

Jos. Fenrich received his first shipment of cut flowers last Thursday, a box of gladioli of excellent quality. He has fitted up his new store very neatly.

John Young has been receiving some fine Beauties, irises, peonies, Liberties, Kaiserins and valley from Carl Jurgens, of Newport, R. I. He tells me that the corresponding week a year ago was the banner week of June, while this season it was the worst of the year to date.

The engagement is announced of A. C. Scott, of New Rochelle, nephew of Alex McConnell, and one of his force at the Fifth avenue store, to Miss Jennie Reynolds of the same city. The marriage will take place in the early fall. Congratulations are extended.

The father-in-law of James McConnell, of the New York Cut Flower Co., died June 21 after a lingering illness.

Bonnot Bros., of Flemington, N. J., have completed their rebuilding for the season, devoting their large new house entirely to Bride and Bridesmaid roses.

Edward Roehrs, of Rutherford, son of Julius Roehrs, arrived home last Friday after a two and one-half years' stay in France, Belgium and England, where he worked with several of the best horticultural houses.

Julius Roehrs is rebuilding a number of houses as usual and has received large importations of phœnix and other palms, araucarias and orchids, as well as bay trees, his large stock being about depleted. He attributed the exceptional demand this year to the severe weather of the winter, many having to be replaced, and not to any special increase of general appreciation.

Bobbink & Atkins are constantly adding to their nurseries, having now about eighty acres planted with a complete assortment of grand stock. They have a forest of bay trees of all sizes and report an excellent season, with a constantly growing demand.

Wm. Plumb will drink his own health hereafter and that of his fellow members from a solid silver loving cup, the gift of the Brooklyn Horticultural Society, which thus has shown its appreciation of his excellent services as manager of the carnation exhibition of 1903.

Fleischman, Thorley, Thos. Young and Warrendorff generously supplied the cut flowers for the benefit performance at the Grand Opera house in behalf of the sufferers through the Gen. Slocum tragedy.

The sympathy of his many friends is extended to John Nash in the loss of his brother, who was accidentally killed in London, England.

B. Suzuki, of Suzuki & Iida, left last week for Japan and from present indications will hardly reach Yokohama in time to join with his countrymen in celebrating the fall of Port Arthur.

Mansfield is enjoying his annual outing at Saratoga.

Mr. and Mrs. R. W. Clucas visited the World's Fair last week and the seedsmen's convention.

Mr. and Mrs. Heller, of Heller Bros., New Castle, Ind., were recent visitors.

Among the visitors to New York last week was W. C. Barry, of Rochester. Many nurserymen on their way to the Atlanta convention spent a few hours in the city.

The east side florists have had the most strenuous experience in their history, owing to the great steamboat disaster. It was impossible for many to fill their orders, some having nearly 100 separate floral designs in a day.

Several of the large retail stores have their windows devoted to lily ponds, those of Warrendorff and Small, on Broadway, being especially effective. Many varieties are on exhibition.

The great convention at St. Louis is so near that general interest is evident and prospective visitors are already making arrangements for the journey. Chairman O'Mara announces stop-over privileges at Philadelphia, Washington and Cincinnati, the Baltimore & Ohio railroad having been definitely decided upon as the route and 10 a. m., August 15, as the starting hour from New York. Reservations of berths should be made as early as possible and the committee will also arrange for hotel accommodations if desired. It is hoped the attendance of last year will be greatly increased. Every arrangement for an enjoyable trip and the fraternizing of the brethren enroute is being provided.

J. F. Sullivan, of Detroit, who has been visiting his parents at West Grove, Pa., and dallying with the surf at Atlantic City, is spending a few days with his brothers and friends in New York City, visiting the growers, reveling in the splendors of Coney Island and enjoying the outing of the New York Florists' Club. He is expected to make the overfed New Yorkers hustle in the fat men's race.

Lager & Hurrell, of Summit, N. J., report an exceptionally busy season, large quantities of orchids arriving and going out every day. One order this week required forty-five cases. The demand is rapidly increasing and comes from every part of the country.

Bowling.

"It's getting too hot to bowl," seems to be the refrain these summer evenings. Following are the scores made on Tuesday evening of last week:

Siebrecht	172	136	156
Sorby	137	128	152
Shaw	158	132	134
O'Mara	176	168	143

J. AUSTIN SHAW.

CHICAGO.

The Market.

The trade has settled down to the summer basis, the only difference being that considerably more than the ordinary quantity of stock is coming in. Receipts continue almost as heavy as in early June, replanting operations not being apparent in the quantity of stock in the market. Beauties of satisfactory quality are the one item that is in short supply. The quality of these has been on the down grade for some time and they are now but little better in this respect than the Brides and Maids. It would seem that the growers of the great quantities of very badly mildewed tea roses which are seen would make haste to get the houses replanted, but such does not seem to be the case. There are some very fine Kaiserins coming in, which sell as high as $8 per 100, but by far the greater part of the receipts of roses are jobbed off by the box.

Those who thought there was a decrease in the carnation cut in sight have found themselves mistaken. Receipts are frequently 25,000 blooms a day in several of the commission houses and there is no market for such quantities. When the stock is a day old it is almost impossible to sell it at any price, the Greeks refusing anything but fresh stock of pretty fair grade at 5 cents a bunch. There are still considerable quantities of lilies, but many of them are now auratum. If one wishes peonies he will have no trouble in finding whatever quantity he may need. Prices are as variable as the quality, but most of them value low. The receipts from the growers have practically ceased, but there are large quantities still in cold storage. The outdoor sweet peas have come in the last week and countless thousands are seen in the commission houses. Lily of the valley continues in fair demand, but feverfew and other small stock of that character is not wanted, except for window display. The indoor gladioli are nearly gone. Asparagus continues very scarce, but other greens are plentiful.

Beginning July 1 the wholesale houses will close at 5 p. m. daily. July 4 they will close at noon. Buyers should bear this in mind.

Various Notes.

Peter Jensen, of 890 W. North avenue, was in the market as usual Sunday morning and within a few moments of his return home fell dead of heart disease. He was 33 years old and was doing a fairly prosperous retail business with the assistance of his wife. They had no children. Mr. Jensen was formerly a rose grower for J. A. Budlong, by whom he was held in high esteem. The funeral was held on Wednesday afternoon and many in the trade sent floral pieces.

It is stated that George A. Kuhl and J. S. Wilson, who bought the Albert Fuchs plant on June 15, just prior to the advertised auction, have withdrawn from the deal prior to the completion of the transfer. Mr. Fuchs states that he is again the sole owner of the establishment and that he will at once proceed with the auction as originally contemplated.

Vice-president P. J. Foley presided at the Florists' Club meeting June 23. The principal business of the evening was the auditing of bills and the election to membership of H. E. Philpott, of Winnepeg, Manitoba. The new by-laws will come up for adoption at the next meeting.

On the night of June 23 there were two fires at short intervals in the building occupied by the A. L. Randall Co. The structure and contents were damaged to the extent of $15,000 but the Randall Company's loss, from water, was only a few dollars. A. L. Randall is at his farm in Michigan for the summer.

W. L. Palinsky says that this has been the best spring season in the last ten years. He has sold out of everything at good prices. Mr. Palinsky grows probably the greatest variety of bedding stock of any one in this vicinity.

L. H. Winterson and Miss Steen were married yesterday afternoon and are now in Wisconsin on their wedding trip.

E. Asmus says this has been a very fine season in the bedding plant trade, all stock selling out clean. Last year there was considerable left but this year has seen everything moving out at good prices, although supplies were in the beginning considerably larger than usual.

J. B. Deamud says he put a carload of peonies in cold storage on Monday.

L. Coatsworth is at New Castle superintending some changes in the Benthey-Coatsworth establishment there.

A. Dietsch has returned from a four months' trip through the south and he is again enjoying comparatively good health.

It is announced that John G. Lambros and Miss Lily White will be married at the Greek church July 3. N. Chronis and Mrs. Theo. Kalous will be best man and bridesmaid.

Visitors: E. H. Trader, Uniontown, Pa.; Albert Hey and wife, Springfield, Ill.; Chas. Rohr, Naperville, Ill.; Joseph Hudspeth and Mrs. Hudspeth, Boonville, Ind., the former having been a delegate to the republican national convention.

Bowling.

Following are the scores made in practice on Tuesday night:

Player.	1st	2d	3d
Balluff	123	134	140
Scott	167	180	171
F. Stollery	200	171	167
Asmus	145	143	149
Totals	635	628	627

Player.	1st	2d	3d
Geo. Stollery	138	173	157
Hauswirth	173	186	142
Buxton	167	115	153
Vic. Kreitling	117	142	116
Totals	595	616	568

A match game resulted as follows: F. Stollery, 212; Scott, 196; G. Stollery, 189; Balluff, 155; Hauswirth, 147; Asmus, 117.

ST. LOUIS.

The Market.

The business holds up well and the general summer depression is not yet felt. The past week practically ended the social season. There was a great deal more work for school exercises this year than last and we hope for the revival of olden times, when the month of June was classed as one of the best months in the year. From now on there is nothing much looked for unless there are receptions and decorations at the World's Fair, and funeral work, which was somewhat slow the past week. Replanting has begun at some places and others will soon follow. This, of course, will make stock scarce for some time.

As to stock at the wholesale houses, there is plenty of almost everything, though most of it is of poor quality. In sweet peas the market is glutted with all varieties; the bulk of them are of very fine quality. The fakirs sell them two bunches for 5 cents. It hardly pays the growers to pick and bunch them at 50 and 75 cents per 1,000. The hot weather is beginning to tell on the roses and fancy stock is somewhat scarce, with plenty of the second grades in the market for all demands at prices which range from $3 to $6 per 100. Beauties are in good demand, though somewhat off color. Large white carnations are difficult to obtain. A few of the best bring $2; plenty of pink, with reds very small. Candidum lilies are about over. Peonies are still to be had, though slow sale. Gladioli, candytuft, hollyhocks and other outdoor flowers are plentiful. Smilax, asparagus and other greens are plentiful at their usual prices.

Special Club Meeting.

The St. Louis Florists' Club held a special meeting last Thursday afternoon to talk over convention arrangements. This meeting was held at the residence of our treasurer, Otto G. Koenig. The meeting opened promptly at 2 o'clock, with thirty-one members present. The finance committee reported plenty of funds on hand and all members working faithfully. Messrs. Ammann, Ellis, Beyer, Tesson, Weber and Beneke reported that arrangements were almost complete as to the work of their committees. Supt. Kuehn, of the trade display, says that applications for space are coming in every day and that arrangements in the display room are nearly all complete. The following arrangements were made as to program for entertainment during the convention: Tuesday night at 7:30, president's reception; Wednesday morning at 9 a. m., ladies's bowling contest; afternoon at 2 p. m., bowling tournament of the National Florists' Bowling Association in teams of five, and individual contest. During the time of the bowling tournament the ladies will be taken for an outing by the ladies' reception committee, of which F. C. Weber is chairman. Thursday afternoon at 2 p. m. the shooting contest will take place; on Friday afternoon a reception and outing at Shaw's Botanic Garden, to which every member of the S. A. F. is invited.

The meeting then adjourned to inspect Mr. Koenig's well kept place, after which the members were taken for a drive through beautiful Bellefontaine cemetery, which was much enjoyed. On our return, Mrs. Koenig, assisted by Mr. Koenig's sisters, had prepared a fine repast on the lawn in front of the residence, at which everything one's heart desired was spread on the tables. After lunch speechmaking was in order, and the president called on different members for short talks. Among those who responded were: J. F. Ammann, J. W. Dunford, Otto Koenig, E. W. Guy, Emil Schray, C. A. Juengel and W. J. Pilcher. A vote of thanks was extended to Mr. and Mrs. Koenig for the great treat given the members and the afternoon will long be remembered by those who attended.

THE WEEKLY FLORISTS' REVIEW

"I received a great many orders from the advertisement in the Review; it has proved to me that it pays to advertise in the Review and I shall use it whenever I have stock to sell."

R. D. KIMBALL.

Waban, Mass.
June 24, 1904.

Various Notes.

The various Florists' Bowling Clubs, through their captains, should correspond with Carl Beyer, chairman of the bowling committee, at 3619 S. Grand avenue, at once and make their entries for the tournament in August, so that all arrangements can be made ahead. The gun clubs should write to R. F. Tesson, Clayton, Mo., regarding the shooting contest. All who have not yet applied for space in the trade display should do so at once, as this will be the banner meeting of the society during the World's Fair year. Mr. Kuehn should be addressed, 1122 Pine street. Last call has been issued by Mr. Beneke for advertisements for the souvenir book. Those who have failed to send in their advertisements should do so at once.

On Saturday morning we had a call from Phil Hauswirth and George Asmus, of Chicago. Both were here to attend the big bowling meeting on Sunday afternoon. They spent most of the day on Saturday inspecting the Pike at the World's Fair. They returned home Sunday night much pleased with their trip, saying that the Chicago delegation to the convention will be the largest yet.

Nick and John Himmer, of Meramec Highlands, have made application for membership to the Florists' Club. They are building a fine range of new houses at their place, which will be completed by August 1.

C. Young & Sons Co. is making a fine show in the windows of cut gladioli, blooming begonias and decorative plants.

The Ellison Floral Co. had a busy week with reception work and late weddings, with orders ahead for this week.

Messrs. Ayers, George Waldbart, Fred Weber, Theo. Miller and the rest of the west end florists all report business keeping up better than expected for the end of June.

Bowling.

The lady bowlers had a meeting on Monday afternoon at which the following scores were made:

Player.	1st	2d	3d	T'l
Mrs. Carl Beyer	122	85	139	346
Mrs. Theo. Miller	96	136	109	341
Miss Tillie Meinhardt	124	116	94	334
Mrs. John Steidel	105	67	107	279
Mrs. F. H. Meinhardt	137	87	81	305
Miss L. Meinhardt	114	77	79	270
Mrs. D. Schutzle	90	110	90	290
Mrs. F. M. Ellis	83	73	73	229
Mrs. J. J. Beneke	79	81	79	239
Mrs. C. A. Juengel	71	38	91	200
Mrs. F. J. Fillmore	78	47	47	172
Miss Juengel	38	50	45	133

The Florists' Bowling Club will not roll next Monday but will bowl on Tuesday night, July 5. J. J. B.

FERNS IN FLATS

Ready for delivery after July 15th.

Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting.
We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties.
Aspidium Tsussimense, Cyrtomium Falcatum, Pteris Adiantoides, Pteris Cretica Albo-Lineata, Pteris Cretica Magnifica, Pteris Hastata, Pteris Mayii, Pteris Gilbertii, Pteris Serrulata, Pteris Serrulata Cristata, Pteris Serrulata Variegata, Pteris Wimsettii. Mixed varieties. **Price $2.00 per flat.**

Nephrolepis Scottii. Strong transplanted runners from the bench or 2¼-inch pots, $4.00 per dozen; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-inch pans, $3.50 each; 10-inch pans, $5.00 each.

CANE STAKES. 6 feet long, strong and durable, per 1000, $6.00; per 2000, $11.00; per 6,000, $27.50. Prices on larger lots on application.

Stumpp & Walter Co., 50 Barclay Street, Branch Store: 404 E. 24th Street, New York.

Mention The Review when you write.

BOSTON.

The Market.

The market during the past week was largely supported by numerous orders for school graduations, roses, carnations, lily of the valley and sweet peas being in the best demand and prices on these have ruled firm and higher for good stock. A good deal of poor quality stock is now coming in, especially of roses and carnations, which nets the grower very little and might almost as well be left at home. Peonies are now over, the hot weather finishing them, shade temperatures within the week running as high as 95 degrees. Outdoor hybrid roses are already on the wane, but sweet peas are piling up in large numbers and will soon be a glut. A few Lilium candidum, outdoor grown, appeared this week. Spikes were not particularly good. With the close of schools and lack of social events we may now expect a weak and overloaded market. Shipping trade to shore resorts has started and will prove something of a factor for the next three months. Several growers now bring in good lots of Kaiserin and Golden Gate, grown expressly for summer bloom. These sell fairly well, the best fetching $5 to $6. Some growers are now pulling out their carnations, intending to replant with field stock as early as possible. This will tend to restrict the output of these, although it may be said that good stock sold easily last week at $2 to $3, while poor samples were almost given away. This only proves a well known and oft repeated statement that good stock will always sell.

Club Meeting.

There was a large attendance at the meeting of the Gardeners' and Florists' Club on June 21, the date occurring on the opening day of the rose and strawberry exhibition, which attracted many members of the craft. Through the unavoidable absence of J. W. Manning, the essayist of the evening, the club discussed a variety of timely topics, all of which proved very interesting.

President Pettigrew started the ball rolling by calling on John K. M. L. Farquhar to say a few words on Japan. Mr. Farquhar did so in a very entertaining manner. He stated that he believes there are a number of new lilies in the Japanese islands still unknown to us, and other floral treasures. From his experience in Japan he knows that Lilium longiflorum could be ripened in the south of Japan early in July and believes we will eventually depend on that country for our main supplies. He spoke of the beautiful peonies to be seen there and stated that he had seen several nelumbiums which are not yet found in cultivation here. Speaking of the present struggle between Russia and Japan, Mr. Farquhar said his sympathies were entirely with Japan and he thought it would be best for humanity for her to win, a sentiment which seemed to find general acceptance in the meeting.

Some discussions arose over the Richardson seedling peonies, which it transpired were named during John Richardson's lifetime by his friend, John Hovey. The major portion of his noted collection passed into the hands of Dr. R. T. Jackson, who will be asked to speak on Richardson at a future club meeting. A strong point in favor of these seedlings is that in the main they are late blooming and sweet scented. His first seedling was certificated as far back as 1869. W. J. Stewart and Julius Heurlein spoke of the New York peony show. Mr. Stewart commended the Massachusetts Horticultural Society for its effective exhibition arrangements. Messrs. Beard and T. J. Grey were heard from; the former discussed hybridization, while the latter, in his usual inimitable way, gave some original selections.

Duncan Finlayson thought the club should have an outing during the hot months and suggested an ocean sail and clam bake as about the right thing. The matter seemed to find general favor and was referred to the executive committee. Refreshments were passed around after the regular business and brought to a close a very pleasant gathering. No meetings will be held during July and August. The club is now prospering as never before in its history and a large influx of new members is expected when the fall season opens.

Rose and Strawberry Show.

The verdict was that the June exhibition had never been surpassed, either in quantity, quality or general arrangement. Certainly the exhibition was a revelation to those who imagined that roses and other flowers would be poorly shown. So numerous were the exhibits that the facilities were all in use and one member of the committee very generously gave up a large number of vases he had staged containing roses to accommodate late comers from a distance.

The largest individual exhibitor of roses was Miss S. B. Fay, whose gardener, M. H. Walsh, showed close to 1,000 blooms, being the largest prize winner. Other large and successful exhibitors were Mrs. O. S. Paige, J. H. White, W. J. Clemson, E. L. Lewis, Dr. C. G. Weld, Mrs. E. M. Gill, Mrs. E. A. Wilkie, Miss H. B. Foote, Mrs. Day Chadwick, E. A. Clark, Peter Cairns, A. F. Estabrook, W. Whitman, Walter Hunnewell and others. The keenest competition occurred in the class for 100 bottles of roses, the prizes going to Miss Fay, Mrs. Gill, Dr. Weld, Peter Cairns and Walter Hunnewell in order named. For Miss Fay's special prizes for amateurs there were numerous entries, some beautiful lots being staged. Mrs. O. S. Paige, Mrs. E. A. Wilkie and Mrs. Day Chadwick were successful. Some of the best hybrid perpetuals shown were Mme. Gabriel Luizet, Ulrich Brunner, Jacqueminot, Baron de Bonstettin, Victor Verdier, Clio, Margaret Dickson, J. S. Fay, Mrs. John Laing, Paul Neyron, Baroness Rothschild, John Hippa, Magna Charta and Senateur Vaisse.

A very attractive exhibit of hybrid teas from Miss H. R. Foote, of Marblehead, in forty-five varieties attracted much attention and was awarded a bronze medal. This lady grows 350 varieties of roses and has remarkable success with H. T.'s outdoors. Some of her best varieties, many of them new, were Bessie Brown, Grand Duchess, Victoria, Pauline Bersey, General Scheblakine, Frau Peter Lambert, Gladys Harkness, Admiral Dewey, Grace Darling, Mme. Ravary, Marquise Litta, Mrs. B. R. Cant, Alice Gray and Beryl. The Arnold Arboretum showed seventy distinct species of roses, many being very charming. Mr. Dawson also showed a collection of his own seedlings. Of these Minnie Dawson (R. multiflora x alba) with double white flowers, of multiflora habit, received a certificate of merit. Honorable mention was given to a large double pink variety (Wichuraiana x Triomphe de Luxembourg). A very rich colored single variety previously certificated was R. rugosa x General Jacqueminot. The winning new rose was M. H. Walsh's beautiful crimson, J. S. Fay.

There was a remarkable display of peonies, the finest ever seen in Boston and far outclassing that held in New York both in numbers and quality. For display of not less than thirty named doubles competition was keen, T. C. Thurlow winning, followed by A. H. Fewkes, the Means estate and Geo. Hollis. Other large contributors of peonies were E. J. Shaylor, who showed many superb sorts; R. & J. Farquhar & Co., who showed many

ALWAYS AT YOUR SERVICE

Summer or winter. We do not propose to suspend business just because July is here. Your orders will receive as careful attention as ever.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $5.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Peonies.....per doz., 35c to 75c	
Valley	4.00 to 5.00
Marguerites	.50 to .75
Sweet Peas	.25 to .50
Callas, per doz.	$1.00 to $1.25
Longiflorums, doz., $1.00 to $1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns.....per 1000, $1.00	.15
Galax.....per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax .....per doz., $1.50,	

Subject to change without notice.

Richardson seedlings; Mrs. J. L. Gardner, Dr. C. G. Weld, A. F. Estabrook, Mrs. E. M. Gill and others. The quality of blooms was very high and the interest taken in these flowers appeared to be even greater than in the roses, judging by the crowds which gathered around them.

The following varieties received awards from the committee: Mary Louise Hollis, certificate of merit, daybreak pink color; No. 732, beautiful double rose; No. 279, white, delicately suffused with pink; No. 181, pink, broad petals, great substance; moonlight, double deep pink; No. 491 rose color, a fine Japanese imperial variety; No. 986, double white, suffused with shrimp pink. All the foregoing received honorable mention, A beautiful Japanese imperial variety with guard petals, delicate pink and yellow center received a certificate of merit. George Hollis showed all the foregoing and many other good seedlings. E. J. Shaylor received certificates of merit for those two grand varieties, Marguerite Girard, delicate flesh, and Mme. Emile Lemoine, white, flushed carmine. Avalanche, a fine white from A. H. Fewkes, received a similar award.

Dr. R. T. Jackson had some gems. Walter Faxon, rosy pink, and John Richardson, rosy flesh, the latter flowered after Mr. Richardson's death, received certificates of merit. Samuel Henshaw, in the same collection, was the recipient of the highest award, a silver medal. This is a magnificent variety, stems of wonderful strength, flower of immense size, in form like a Mayflower chrysanthemum, color beautiful light, rosy pink, tinged with white. A few of the finest other peonies noted which will be of value to commercial growers were Mme. Geissler, Baroness Schroeder, Mme. Lemoine, Eugene Verdier, Mons. Chevreuil, Mme. Crousse, Lady Isadore, Mme. Chaumy, Golden Harvest, that grand old sort Festiva maxima, Jules Elie, Myrtle, Venus, Mme. de Verneville, Pierre Duchatre, Milton Hill and Amabilis grandiflora.

There were extensive displays of hardy perennials from several exhibitors. Julius Heurlein showel 100 varieties. Harvard Botanic Gardens showed 150 varieties of perennials and grasses. Mr. Cameron also showed a large tank of aquatics, including fine specimens of nymphæas and other choice species. F. J. Rea, W. Heustis & Son, C. W. Parker, W. Hunnewell, Mrs. J. B. Lawrence and others showed perennials.

Peter Fisher showed large vases of Nelson Fisher, Mrs. Patten and Enchantress carnations. Patten & Son showed Mrs. Patten. All were of fine quality for so late in the season. There were large displays of sweet williams and other seasonable flowers. E. A. Clark had a large stand of finely grown gloxinias mixed with adiantum. Mrs. J. L. Gardner, Wm. Thatcher, gardener, had a circular group of palms, gloxinias, orchids, etc. R. & J. Farquhar & Co. had numerous palms and ferns. J. S. Bailey, J. Nylan, gardener, put up a superb group of palms in the center of the large hall which was greatly admired. It contained seventy-five plants in forty-six varieties, including many new and scarce sorts.

Vegetables made a fine show, while strawberries were unusually good. Marshall was once more easily the champion variety, followed by Sample, Glen Mary, Nich Ohmer, Minute Man and Belmont. From Miss E. J. Clark, John Ash, gardener, came a group of pot-grown fruit trees, including peaches, nectarines, plums, apples and pears, which received a silver gilt medal. The same exhibitor showed very fine bunches of Diamond Jubilee and Black Hamburg grapes and peaches.

Various Notes.

The agitation for a new independent cut flower market appears to drag and it is doubtful if the new movement will materialize, or if it materializes if it will be a success. A number of the aggrieved members are said to owe rent and premiums to the present market and their absence would not be mourned.

McMulkin, Doyle and Galvin have had some large wedding decorations during June. Trinity church was finely decorated by McMulkin on June 18.

S. J. Goddard has both of his new houses planted with mums and carnations and will be strongly in evidence in the market another fall. He is growing many of his carnations indoors.

W. Cooper has left the employ of W. L. Lewis, of Marlboro, and entered with the Worcester Conservatories. He was connected with the Marlboro establishment for a number of years.

Carnations are making a fine growth in the fields, the warm days and cool nights seeming to suit them. An increasing number are trying indoor culture this season.

The Boston Floral Emblem Society will distribute bouquets and potted plants to the poor children of the city on July 4. A tent will be erected on Boston Common and 5,000 tickets issued through the police, missions and schools. The cooperation of florists and owners of private estates is invited. Flowers should be addressed to either the north or south stations for Boston Floral Emblem Society, in care of the Armstrong Transfer Company.

W. D. Hinds, of Townsend, Mass., who died on June 21, in his sixty-first year, was one of the most successful fruit growers in our state. He received on two occasions the first prize offered by the Massachusetts Horticultural Society for the best fruit garden and took numerous prizes at the regular exhibitions. His peach orchard was probably the best in Massachusetts.

McMulkin received the contract for 4,000 bouquets for the children's festival in Mechanic's building on June 25.

W. N. CRAIG.

LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000

Headquarters for finest CUT VALLEY.

H. N. BRUNS,

1409 W. Madison St., CHICAGO.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

PEORIA, ILL.—Lewis J. Becker will build a greenhouse at 206 Charlotte street at a cost of $600.

GALENA, ILL.—B. F. Vandervate has been away from business in attendance upon his little son, Leslie, who had his eye blown out with a cap three weeks ago.

ROCHESTER, N. Y.—Hitchings & Co. have been given the contract for a new greenhouse at Highland park to cost $3,850. The house will be 22x100, with a propagating house 12x100 and a workroom 16x100.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia ; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be he d on the St. Lawrence, June, 1905.

THE onion set crop still suffers from lack of rain.

PRESIDENT BRUGERHOFF was missed from the meeting of Wholesale Seedsmen's League.

THE government crop report shows good growth in the corn belt, with the crop practically insured.

REPORTS from the Pacific coast pea growing sections indicate that a good crop will be harvested there.

THE beans for seed crop of 1904 are all planted and nice rains have been reported from the Michigan districts.

CALIFORNIA reports that the spinach seed crop there is being harvested and that it will be ready to ship about July 1.

VISITING NEW YORK.—Lester L. Morse, of C. C. Morse & Co., Santa Clara, Cal., with Mrs. Morse, en route to Europe.

THE early pea crops are ready for inspection and the later varieties will be ready by the time the earlies have been gone over.

J. W. RATEKIN is now the sole owner of the seed business conducted under the name of J. R. Ratekin & Son, Shenandoah, Ia.

THE A. J. Brown Seed Co., Grand Rapids, has prepared for the approaching season by leasing a new warehouse with nearly an acre of floor space.

J. H. HALE has a very interesting and valuable article in Country Life for July on the canteloupe industry in the south and west, now grown to huge proportions. The article is freely illustrated.

SINCE Easter lilies have been so abundant in all the principal cut flower markets of this country and England there has been considerable waste, it being impossible to clear at any price.

THE general opinion of the members in attendance at the convention was that the papers read were the best in the history of the association, but that the lack of discussion after the readings was a matter to be deplored.

THE men best able to give out practical information at seedsmen's conventions are usually the ones who are least heard from on the floor. This should not be; it is not necessary to be an orator to be interesting. What we need is to hear more from the fellows who are poor talkers.

ONE badge of the Seed Trade Association was honored for the admission of two seedsmen to the reception given by the Governor of Missouri to the visiting delegates of the republican national convention. New England inquisitiveness was responsible for the desire to investigate, and Chicago nerve with the Seed Trade badge did the rest.

SEED TRADE CONVENTION.

The St. Louis convention of the American Seed Trade Association last week was one of the most successful on record; it was the twenty-second and few have been more largely attended. The published program was followed in detail. There was a tendency to brevity in discussion but the subjects of the several papers read were more than ordinarily timely, notably the one on the contract system, by Mr. Vaughan, and on insurance, by Mr. McCullough. Technical papers were read by W. W. Tracy, Sr., and George T. Moore, of the United States Department of Agriculture, and by G. H. Maxwell, the irrigation expert, whose work was endorsed. Other papers were by E. D. Darlington, E. F. Bogardus, Mel L. Webster, F. H. Funk and H. M. Schisler. All these will be published in full in the society's "Proceedings" and will there receive their most careful consideration.



Charles N. Page.
President Am. Seed Trade Association.

Officers were elected as follows: President, C. N. Page, Des Moines, Ia.; first vice-president, L. L. May, St. Paul; secone vice-president, W. H. Grenell, Saginaw, Mich.; secretary and treasurer, C. E. Kendel, Cleveland; assistant secretary, F. H. Funk, Bloomington, Ill.; executive committee, S. F. Willard, L. L. Morse, A. H. Goodwin, G. B. McVay, J. G. Peppard; membership committee, Albert McCullough, W. L. Woodruff, A. J. Brown. The meeting in 1905 will be held on the St. Lawrence.

New members admitted at this meeting were: D. Landreth Seed Co., Bristol, Pa.; W. S. Galbraith, Indianapolis; W. H. Maule, Philadelphia; Crenshaw Bros., Tampa, Fla.; W. T. Phillips Co., Toledo; Clucas & Boddington Co., New York; Henry Fish, Carpenteria, Cal.; St. Louis Seed Co., St. Louis.

The local hospitalities included trips to Shaw's Garden, the Fair, a brewery and a publishing office.

Retiring President S. F. Willard received a silver pitcher as a souvenir, presented by J. E. Northrup in behalf of the members.

The papers were exceptional, some of them notable, and many expressed regrets that more time could not be given to their discussion. The paper by George H. Maxwell was so interesting and practical that a special edition of 5,000 copies was ordered printed for the use of the members. The papers by Prof. Tracy, Dr. Moore and F. H. Funk are worth a careful study, and Mr. Vaughan's, Mr. McCullough's and Mr. Darlington's papers contain much food for thought for seedmen. Mr. Webster's and the paper by Mr. Bogardus were revelations to us eastern seedsmen who have not yet got accustomed to looking westward for seeds.

The sessions were held during the forenoon only, to allow the members the opportunity of visiting the great World's Fair, an opportunity which each embraced to the utmost. Thursday afternoon the St. Louis seedsmen had three trolley cars at the hotel, which the visiting seedsmen filled to overflowing, for a ride about the city, a visit to one of the large breweries and refreshments at the Missouri Botanic Garden, where the members enjoyed the beautiful lawns and flowers and the grateful shade of the fine trees in this most beautiful spot.

The consensus of opinion was that the twenty-second convention was the best ever held. The choice of the next meeting place lay between Atlanta and some point on the St. Lawrence. This is to be decided by the executive committee at its meeting in January.

C. E. KENDEL.

CHARLES N. PAGE.

The new president of the American Seed Trade Association is a son of General C. W. Page, and was born at Clyde, Ohio, May 29, 1860. He removed with his parents to Omaha, Neb., in 1868, and after his father's death removed to Des Moines in 1876. He was employed during the spring of 1877 in the seed store of S. L. Fuller & Co. and has remained with the same firm and its successors, C. W. Door & Co., and the Iowa Seed Co., ever since. In 1886 he organized the Iowa Seed Co., and has since that date been its manager. Although he never had the privilege of attending college, he has been actively identified with educational interests, both as a director in the city schools and as a trustee and member of the executive committee of the Des Moines College. His experience of twenty-seven years in the same seed store is certainly an unusual one and his active participation in the affairs of the seed trade have earned the recognition accorded at St. Louis.

THE SEED TRADE.

F. A. Forbes, of Plymouth, Ind., writes: "Our seed business, though late, has been quite satisfactory. Have had a nice trade in vegetable and bedding plants, which though only taken up in the last two years has grown to be quite an important part of our business. Not having facilities for growing our own stock, the buying has in some cases proved more of a problem with us than the selling. The advertising columns of the REVIEW have been quite a help to us in finding the stock we wanted."

WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

Thorburn's Bulbs

We are now prepared to quote

Lilium Harrisii,
Lilium Longiflorum,
Dutch Hyacinths,
Roman Hyacinths,
Paper White Narcissus,
Tulips and other Bulbs for Florists.

Send for prices stating kinds and quantities required.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

NEW CROP SEEDS

PRIMULA SINENSIS FIMBRIATA
(English Grown.)
"The Grand" Mixture .....trade pkt., 50c
Primula Forbesi.. .....trade pkt., 25c

CINERARIA HYBRIDA GRANDIFLORA
(English Grown.)
Hunt's "Special" Mixture, trade pkt., 50c

CALCEOLARIA HYBRIDA GRANDIFLORA
Hunt's Import Mixture....trade pkt.. $1 50
All the types, including the self-colored, tigered, mottled, variegated, spotted.

GLOXINIA GRANDIFLORA
Hunt's Extra Select Mixture, tr. pkt.. 50c
A mixture of exclusive French hybrids, including Fire King, Defiance, Frederic, etc.

E. H. HUNT,
76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

CHINESE FRINGED PRIMROSE

White, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed.

Each 50 cents per pkt.

OBCONICA GRANDIFLORA—Mixture of white, rose, lilac and carmine.

Pkt. 25 cents.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

ENGLISH PRIZE STRAINS
CALCEOLARIA — CINERARIA — AND — CHINESE PRIMROSE.

Are unsurpassed for size and brilliancy of color. If you have been growing the American seed you will have a startling revelation when you behold these Incomparable English Strains.

ENGLISH PRIZE MIXED CALCEOLARIA AND CINERARIA,
Half trade packet ..... 50c. Trade packet ..... $1.00.

PRIMULA (Chinese Primrose)—ENGLISH PRIZE FRINGED MIXED,
Per 100 seeds ..... 25c. 500 seeds ..... $1 00. 1000 seeds ..... $1.50.

CYCAS STEMS—LONG LEAVED VARIETY,
10c per lb.; 10 lbs.. 80c; 25 lbs.. $1.75; 100 lbs., $6.50; per case (300 lbs.) $18.00.
Stems range in weight from 1 lb. to 10 lbs.

Prices of **FREESIA, FRESH MUSHROOM SPAWN** and **FRENCH** and **DUTCH BULBS** quoted upon application.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

Michell's Seeds

PRIMULA BUTTERCUP made the hit of the season last Winter—Very free blooming, color beautiful canary yellow, 500 seeds 60c; Trade packet $1.00.

PRIMULA SINENSIS—Our Exhibition Strain in separate colors. ½ trade packet, 60c; trade packet, $1.00.

CINERARIA PRIZE STRAIN AND EXHIBITION PANSY—½ trade packet, 60c; trade packet, $1 00.

LILIUM HARRISII—Send us your orders now for good, healthy bulbs, to be delivered in July.

Henry F. Michell Co., 1018 Market St., **Philadelphia**

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

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Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5 00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs.. $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

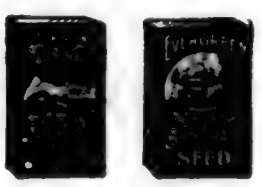
PANSY SEED. Boddington's "Challenge," a mixture of the choicest strains of **5 leading Pansy specialists of America and Europe.** All large flowers of good substance in an infinite variety of color and markings. New Crop Seed ready July. Trade pkt., $1.00; ¼ oz., $2.00; oz., $5.00

Mignonette Seed. Boddington's "Majesty," the finest of all fancy varieties of Mignonette, an improvement on "New York Market." Seed saved only from select spikes under glass. Per trade packet of 2000 seeds, $1.00.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 35 WARREN STREET, **NEW YORK.**

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Lawn Grass Seed in bulk and packages



Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

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Samuel S. Pennock, THE WHOLESALE FLORIST

VALLEY BEAUTIES Ribbons and Supplies

1612 {Ludlow Street, PHILADELPHIA

Mention The Review when you write.

ASHTABULA, O.—R. W. Griswold, Jr., & Co., will enlarge their plant on Woodman avenue by the addition of eight houses covering about 35,000 square feet of ground.

WE are in receipt of a very handsomely printed volume of 180 pages containing the proceedings of the Iowa Park and Forestry Association at its third annual meeting at Des Moines, December 7 and 8, 1903. The volume contains also a large number of papers on subjects related to ornamental gardening. Wesley Green is secretary of the association.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Six or seven hundred feet of 1¼ black pipe. Address Palmer's Greenhouses, Cherokee, Ia.

WANTED—A man of experience with roses and carnations. Address P. L. Larson, Fort Dodge, Ia.

WANTED—A second-hand first patent Carmody boiler. Address L. Heinl, Terre Haute Ind.

WANTED—Good man for greenhouse work; must be competent to take charge of a small place; near Chicago; young or middle aged married man preferred. Address, giving references and wages wanted, No. **169**, care Florists' Review, Chicago.

FOR RENT—Four greenhouses, 10,000 feet of glass; everything in good order; only greenhouse here; population 40,000; would sell on easy terms. L. O'Sullivan, West Superior, Wis.

WANTED—To lease or buy greenhouse plant with store connected; must have good retail trade. Address No. **168**, care Florists' Review, Chicago.

SITUATION WANTED—By good rose grower as section man or would run small place; references. Address No. **173**, care Florists' Review, Chicago.

WANTED—Good section foreman, married, for large establishment in Chicago; must be competent; wages $15.00 per week. Address No. **172**, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot. Also some 4-inch. W. H. Salter, Rochester, N.Y.

WANTED—A first-class man for general greenhouse work; must be experienced in summer propagation of roses and shrubs, also capable of keeping up stock for wholesale and retail catalogue trade; man must be energetic and reliable; write, giving full particulars and wages expected. Wagner Park Conservatories, Sidney, Ohio.

WANTED—A practical grower who thoroughly understands the growing of roses, carnations, and plants under glass; must give good reference as to character, ability and habits; prefer man who has had some experience in the south. Address Post Office Box 474, Montgomery, Alabama.

WANTED—Good, single all-round man for cut flowers and pot plants; Dutch or German preferred; state wages with board and room. Address No. **171**, care Florists' Review, Chicago.

FOR SALE—5000 feet of glass in a good factory town of about 5000; no competition; a bargain if sold at once; one acre ground, same can be leased for oil. Address Jas. R. Johnston, Dunkirk, Ind.

FOR SALE—Two greenhouses, one 22x125 feet, and one 10x125 feet; all double thick glass, with pipe, boiler, fittings and lumber, all complete; will sell for a little more than one-third of their original cost. Address Oscar F. Pabst, Rutledge, Delaware Co., Pa.

SITUATION WANTED—By a first-class rose grower, especially American Beauties, also fancy carnations, as foreman or section man, by 1st of July; am at the present time foreman for the Chicago Carnation Co. Paul Kopanka, care Florists' Review, Chicago.

WANTED—At once, a working foreman; must be a good grower of roses, carnations, mums, etc., and able to handle help; wholesale cut flowers only; state wages; give references: German preferred. Address No. **164**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a strictly competent grower of roses, carnations, mums, palms, ferns; also a general line of pot plants and bulbous stock; age 32; 18 years' experience. Address No. **167**, care Florists' Review, Chicago.

FOR SALE—Greenhouse establishment in good condition. Two greenhouses 20 x 100 ft., one built in 1900, the other in 1903; hot water heat; one house in mums, the other in carnations and smilax; a lot of new frames and sash; nearly 5 acres of land, about 4 under cultivation; horse, stable, delivery wagon, tools, etc.; only 18 miles from Pittsburg and in thriving town of 10,000; no opposition to amount to anything. Only those who have money and mean business need apply. For complete description, address No. **165**, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. **149**, care Florists' Review, Chicago.

WANTED—To rent greenhouse establishment of 20,000 or more feet of glass; place must be in good condition, within 15 miles of Chicago; will buy stock. Address No. **158**, care Florists' Review, Chicago.

WANTED—Good grower of roses and carnations; must be sober and reliable and able to grow first-class flowers: wages, $60.00 to right man; place permanent. Address No. **157**, care Florists' Review, Chicago.

FOR SALE—Or lease, seven greenhouses, 7500 feet; 8-room dwelling and one acre ground. Willard Smith, Spokane, Wash.

WANTED—Young man, competent to grow cut flowers and pot plants for retail trade. Address, with references and salary expected. A. M. Terrill, Box 37, Calgary, Alberta, Canada.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—14,000 feet of glass; well paying, in thriving town with six railroads in central Indiana natural gas belt; best rose soil in country; large stock, in full running order; on time, at a bargain as the owner wishes to retire. Address No. **163**, care Florists' Review, Chicago.

FOR SALE—Two first-class tubular horizontal boilers; in use 5 years and warranted to be in A1 condition; size, 42 inches diameter, 9 feet long; 80 tubes. All fittings complete, including grates for hard and soft coal. Price $300.00 or $160.00 each, f. o. b. car. Geo. E. Buxton, Nashua, N. H.

FOR SALE—At auction, florists' and market gardening place, 10 a. m. Thursday, June 23, 7,000 feet of glass, steam heat; 25 acres of land; house, barn, stock, tools, crops; near 15,000 population; on electric road; fine chance. A. F. Johnson, Gardner, Mass.

WANTED—A good all-round florist for cut flowers and pot plants; wages $12.00 per week. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—Cheap, a Kroeschell style boiler, been used four seasons, will heat 6000 feet of 4-inch pipe. Davis Bros., Morrison, Ill.

FOR SALE—On account of failing health, well paying retail business; 3,500 feet of glass; steam and hot water heat; two boilers; houses built last summer; two acres of ground; barn and dwelling. For particulars, address City Greenhouse, Newton, Iowa.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. **153** care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Cheap for cash, a well-paying florist business 4,000 square ft. of glass, in city of 18,000. For particulars, address A. Schoepen, Marietta, O.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. **151**, care Florists' Review, Chicago.

PRINTING Envelopes, Noteheads, Billheads, Statements, Cards, Shipping Tags printed in the best manner and sent by prepaid Express. Write us for prices.
Wickham Bros., 84 Vine St., Adrian, Mich.

Position Wanted
By a RELIABLE GROWER
of 16 years' experience (wholesale and retail) to take charge of the growing end of the business, where good stock and lots of it is wanted. Strictly sober and can furnish the best of references. Address No. **170**, care Florists' Review, Chicago.

WANTED.
A good reliable man, capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.
J. P. WILCOX, COUNCIL BLUFFS, IA.

TO RENT. 20,000 square feet of glass, consisting of five greenhouses, one 20x300, one 11x150, heated by steam; one 39x150 and two 18x150, heated by Hitchings' boilers. The whole establishment is planted with **ULRICH BRUNNER ROSES**, all in good growing condition and ready to start in October for January cutting.
Traendly & Schenck, 38 West 28th St., N. Y., realized during the year 1903 the following prices:

	Specials.	Extras.	Firsts.	Seconds.
Christmas	$1.00	75c	50c	15c
January 15	50c	30c	10c	
February 15	60c	30c	10c	
March 15	25c	15c	4c	
April 15	20c	15c	5c	
May 15	10c	6c	1½c	

For particulars apply to
OTTO ANDREAE,
CENTRAL VALLEY, Orange Co., New York.

LEO NIESSEN.

A full line of Summer Flowers.
On and after JUNE 27th we close at 6 p. m.

Wholesale Florist, 1217 Arch St., PHILADELPHIA.

ROSES, CARNATIONS AND SWEET PEAS **EUGENE BERNHEIMER**

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

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BERGER BROTHERS, Roses and Sweet Peas.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.

ORCHIDS.

Arrived—Large shipments in SUPERB CONDITION.

See special adv. on page 271.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

Philadelphia, June 29.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Bride and Bridesmaid	4.00 to 6.00
" Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 10.00
" Seconds	2.00 to 3.00
Orchids	50.00
Carnations, Commons	1.00
" Fancy	1.50 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprengeri Sprays	50.00
Lilium Auratum	doz. 1.00
Lily of the Valley	2.00 to 4.00
Smilax	15.00
Sweet Peas	.25 to .40
Petunias, double	1.00

I GO to the REVIEW, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. GALLOWAY, Eaton, O.



WITTBOLD BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

C. F. EDGAR & CO.

WHOLESALE FLORISTS
1516-18 Sansom St., Phila.
Roses, Carnations and Greens.

Mention The Review when you write.

EDWARD REID,
WHOLESALE FLORIST.
Everything Seasonable in CUT FLOWERS
1526 Ranstead St., PHILADELPHIA.
Store closes at 8:00 p. m. Long Distance Phone.
Mention The Review when you write.

WILLIAM J. BAKER,
WHOLESALE FLORIST,
Carnations, Roses, Sweet Peas.
1432 South Penn Square, Philadelphia.
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Pandanus Veitchii,
12-inch pots, $6.00 each.
JOHN WELSH YOUNG,
Upsal Station, Penna. R. R.
GERMANTOWN, PHILADELPHIA.
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ROSES High Grade cut blooms at all times
HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
Mention The Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
Mention The Review when you write.

CHAS. D. BALL,
GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

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Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

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We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

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NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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WALTER F. SHERIDAN,
Wholesale Commission Dealer in
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(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, June 25.

		Per 100	
Beauties,	Specials	$ 6.00 to	$12.00
"	Extra	4.00 to	5.00
"	No. 1	2.00 to	3.00
"	Shorts	1.00 to	2.00
Brides and Maids,	Specials	3.00 to	4.00
" "	Extra	2.00 to	3.00
" "	No. 1	1.00 to	2.00
" "	No. 2	.50 to	1.00
Golden Gate		1.00 to	4.00
Liberty		1.00 to	10.00
Meteor		1.00 to	8.00
Ulrich Brunner		2.00 to	10.00
Orchids, Cattleyas		30.00 to	50.00
Carnations,	Common	.15 to	.25
"	Selects	.25 to	.50
"	Fancies	.50 to	1.00
"	Novelties	1.00 to	2.00
Adiantum Cuneatum		.25 to	.35
"	Croweanum		1.25
Asparagus	Plumosus, strings	20.00 to	35.00
"	Sprengeri, bunches	10.00 to	12.00
Gladioli		5.00 to	8.00
Lilies		3.00 to	5.00
Lily of the Valley		1.00 to	3.00
Smilax		6.00 to	10.00

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

JOSEPH S. FENRICH
WHOLESALE FLORIST,
48 W. 30th Street, New York City.
Telephone No. 325 Madison Square.
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For SOUTHERN WILD SMILAX
(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
Caldwell The Woodsman Co., Evergreen, Ala.
or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

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NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
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122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write

GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each: by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. New York
Mention The Review when you write.

National Florists' Board of Trade
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HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY
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Open every day at 6 a. m.

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Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

ROSES, CARNATIONS, VIOLETS

The Pioneer House

and every variety of CUT FLOWERS

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ESTABLISHED 1872.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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Wholesale Florist.

Shipments daily all over the country.

Correspondence Suggested.

52 West 29th St., - NEW YORK.

Tel. 1664-1665 Madison Sq.

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FRANK MILLANG,

CUT FLOWER EXCHANGE.

Coogan Building, 55-57 West 26th St. NEW YORK CITY.

Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Mention The Review when you write.

JAMES A. HAMMOND,

Wholesale Commission Florist,

113 W. 30th St., Tel. 854 Madison Sq., NEW YORK CITY.

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Mention The Review when you write.

A Daily Cut from 40 Growers.

"Highest Qualities" as well as "Under Grades" at ruling market quotations.

We can and will supply your Cut Flower wants to advantage. We carry the

Most complete line of FLORISTS' SUPPLIES in the West.

CATALOGUE FREE.

Headquarters for HARDY FERNS.

E. F. WINTERSON CO.

E. F. Winterson. John P. Degnan. I. H. Winterson.

Successors to McKELLAR & WINTERSON.

45-47-49 Wabash Avenue, Chicago.

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Pittsburg, June 29.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	10.00 to 12.00
" Shorts	2.00 to 5.00
Brides and Maids, Specials	6.00
" " " Extra	4.00
" " " No. 1	2.00 to 3.00
" " " No. 2	1.00
Carnot	2.00 to 6.00
Cusin	1.00 to 3.00
Kaiserin	1.00 to 8.00
Liberty	2.00 to 6.00
Carnations, Common	.50
" Selects	.75 to 1.25
" Fancies	1.50 to 2.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, strings	20.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 2.00
Asters	1.00 to 1.50
Callas	6.00 to 8.00
Daisies	.25 to .50
Gladiolus	3.00 to 6.00
Lily of the Valley	3.00 to 4.00
Smilax	6.00 to 10.00
Sweet Peas	.10 to .50

Buffalo, June 29.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 4.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 4.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Perle	3.00 to 5.00
Sunrise	2.00 to 3.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Gladiolus	2.00 to 4.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 5.00
Mignonette	1.00 to 2.00
Peonies	2.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .50
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.10 to .15

"AM very much pleased with the results of the advertisement; at present have no stock to offer."—WM. A. FINGER, Hicksville, L. I., N. Y.

"THE more we advertise in the REVIEW the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—WM. BIERSTADT & SON, Springfield, Ill.

ASPARAGUS Plumosus Nanus Seed

AND SEEDLINGS

$3.50 per 1000. Larger quantities less. Guaranteed true to name and of highest germinating quality.

SEEDLINGS—Ready for potting. $12.00 per 1000. Express prepaid.

Drake Point Greenhouses, Yalaha, Florida.

Mention The Review when you write.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,

44 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Mention The Review when you write.

FORD BROS.

111 W. 30th Street, NEW YORK.

Telephone 3870—3871 Madison Square.

The LARGEST SHIPPERS and RECEIVERS OF Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

CUT ROSES Direct from the... GROWER-No Middleman

BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

Mention The Review when you write.

Lily of the Valley

of good quality always on hand.

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

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N. LECAKES & CO.

45 West 29th St., NEW YORK



Tel. No. 1214 Madison Sq. and 53 W. 28th St.

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.



— SPECIALTIES —

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10 000 in a case.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Chicago, June 29.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24 "		2.00
" 20 "		1.50
" 15 "		1.25
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$4.00 to	$ 5.00
" Firsts	2.00 to	3.00
Brides, Specials	4.00 to	5.00
" Firsts	2.00 to	3.00
Liberty, Specials	6.00 to	8.00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Kaiserin, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Meteor, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Ivory, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Perles, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Carnot	5.00 to	8.00
La France	5.00 to	8.00
Carnations, Fancy	1.50 to	2.00
" Common	.50 to	1.00
Peonies per doz.	.35 to	.75
Gladiolus per doz.	.75 to	1.50
Sweet Peas	.15 to	.40
Easter lilies, $1.00 to $1.50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Auratums doz.	1.25 to	1.50
Water Lilies		1.00
Valley	4.00 to	5.00
Asparagus strings	40.00 to	50.00
" sprays per bunch	.35 to	.50
" Sprengeri	3.00 to	6.00
Smilax per dozen		1.50
Galax per 1000		1.25
Ferns per 1000		1.00

That little one-inch advertisement in your valuable paper did the work all right as usual.—J. F. Ammann, Edwardsville, Ill.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.

Long Distance Phone Central 3598.



ORCHIDS
A Specialty

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.
Mention The Review when you write.

BRANT & NOE
FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at 19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

To Cut Flower Growers:
Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.
CALL ON OR ADDRESS PERCY JONES, Manager.

PERCY JONES
Wholesale Cut Flowers,
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.
Mention The Review when you write.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of... Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO
Mention The Review when you write.

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of....Cut Flowers.
Special attention given to Hardy Cut FERNS.
51 Wabash Avenue, CHICAGO, ILL.
Room 218. Telephone Central 3284.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

SUMMER BEAUTIES

The Finest in the City.

SWEET PEAS AND OTHER OUTDOOR FLOWERS.

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

Mention The Review when you write.

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. Send for Weekly Price List. **26 Miami Ave., Detroit, Mich.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, June 29.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	18.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Bride and Bridesmaid, Specials		6.00
" " Extra		5.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gate	4.00 to	6.00
Kaiserin	4.00 to	8.00
Liberty	6.00 to	10.00
Meteors	4.00 to	6.00
Perle	4.00 to	6.00
Carnations, Common		1.00
" Selects	1.50 to	3.00
Adiantum Cuneatum		1.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Daisies		.75
Lilium Longiflorum		10.00
Lily of the Valley	2.00 to	3.00
Peonies	2.00 to	4.00
Smilax		18.00
Sweet Peas		.50

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

WM. MURPHY,

GROWER AND COMMISSION DEALER IN

Cut Flowers and Florists' Supplies

128 East Third Street,

Phones Main 980 West 1191-R CINCINNATI, OHIO.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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All Flowers in Season

CONSIGNMENTS SOLICITED

Prompt returns and best of care given all consignments.

C. E. CRITCHELL,

WHOLESALE COMMISSION FLORIST,

36 EAST THIRD ST., Cincinnati, Ohio.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, June 29.

		Per doz.
Beauties, Specials	$2.00 to	$3.00
" Extra	1.00 to	1.50
" No. 1	.60 to	.75
		Per 100
Brides and Maids, Specials	$5.00 to	$6.00
" " Extra	4.00 to	5.00
" " No. 1	2.00 to	3.00
Carnot	3.00 to	5.00
Golden Gate	3.00 to	5.00
Kaiserin	3.00 to	5.00
Liberty	3.00 to	5.00
Meteor	3.00 to	4.00
Perle	2.00 to	3.00
Carnations, Common	.50 to	1.00
" Selects	1.50 to	2.00
" Fancies	2.50 to	3.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Asters	1.00 to	2.00
Daisies	.35 to	.50
Gladiolus	3.00 to	4.00
Hollyhocks	.50 to	1.00
Lily of the Valley	3.00 to	4.00
Smilax	15.00 to	18.00
Sweet Peas	.25 to	.35

Cincinnati, June 29.

		Per 100
Beauties, Specials		$25.00
" Extra	15.00 to	20.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		5.00
" " Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Cusin	2.00 to	5.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	5.00
Liberty	2.00 to	5.00
Meteor	2.00 to	5.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		0
" Selects	.75 to	1.50
" Fancies	2.00 to	2.50
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings		50.00
" " sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	6.00 to	10.00
Dahlias	2.00 to	4.00
Daisies	.50 to	1.00
Gladiolus	2.00 to	4.00
Lilium Longiflorum	8.00 to	12.50
Lily of the Valley	3.00 to	4.00
Peonies	2.00 to	4.00
Smilax	12.50 to	15.00
Stocks	2.00 to	4.00
Sweet Peas	.10 to	.35

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

PETER WEILAND,

Wholesale Grower of CUT FLOWERS,

128 East 3rd St., CINCINNATI, OHIO,

Solicits your orders with confidence that he can serve you to your entire satisfaction.

Mention The Review when you write.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE. Telephone Calls: 340 and 341 38th Street.

YOUNG & NUGENT, 42 WEST 28TH STREET, Tel. 2065 Madison Square. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town FLORISTS for STEAMERS, COMMENCEMENTS, RECEPTIONS, etc., receive immediate and careful attention.

Satisfaction Guaranteed. Telegraph, Telephone or Write Us. Satisfaction Guaranteed

Mention The Review when you write.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

A. WIEGAND & SONS, FLORISTS,

1610 to 1620 N. Illinois St., Indianapolis, Ind.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

ORDERS FOR Los Angeles and Southern California will be filled by

E. J. VAWTER,

GROWER and DEALER,

522 So. Spring St., LOS ANGELES, CAL.

ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

T. J. Johnston,

171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

Just Arrived NEW CROP CAPE FLOWERS
Fine Cycas Leaves
Our Wheat Sheaves, Colored Immortelles and Supplies
OF ALL KINDS ARE THE STANDARD OF EXCELLENCE WHEREVER THEY GO.

"You may hunt the World all over,
As carefully as you please,
But in spite of all your trouble,
You will find no goods like these."

THE LARGEST FLORISTS' SUPPLY HOUSE IN AMERICA.

H. Bayersdorfer & Co., 50-56 North 4th Street, **Philadelphia, Pa.**

Mention The Review when you write.

RETAIL FLORISTS.
(CONTINUED.)

WM. SCOTT CO.
Main and Balcom Sts.
Buffalo, N. Y.

J. J. BENEKE,
1220 Olive Street, **ST. LOUIS, MO.**

Shibeley The Florist,
311 SUTTER ST., **SAN FRANCISCO, CAL.**

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.
Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.
Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.
Green Moss, $1.00 per bbl.
Sphagnum Moss, 50c per bag; $1.00 per bbl.
Branch Laurel, 50c per bundle.
Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.
HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.
Mention The Review when you write.

GRAND RAPIDS.

The late, backward spring so retarded planting out that it was not until about ten days previous to Decoration day that business was in full swing and then it was pushed with a vigor that is only now beginning to show signs of diminishing. It was a season in which it was no trick to get orders, the trouble being to get them properly and promptly filled. At Decoration day the shipping demand for cut flowers was double the extra heavy supply that existed and many an order had to go out short. Little towns that in previous years needed only 100 to 200 carnations in addition to the roses, called for 1,000 each and later wanted more. One noticeable feature in the retail department was that there was less complaint, in fact hardly any, at the price charged for plants and cut flowers. The greenhouses are now cleared out of all salable stock. There cannot be found 100 plants of S. A. Nutt, even not in bloom. Late propagated stock out of 3-inch pots, and old plants that have been under the benches all winter, are now being used for filling, etc. Now that business is beginning to slack up a little, attention is being given to replanting and by the end of the week this will be under full headway.

Wm. Cunningham is having trouble with his water supply and is installing a gasoline engine, so he will not be altogether dependent on the wind for filling his tank.

Eli Cross has a large chrysanthemum house ready for the glass.

Henry Smith will build several more houses for cut flowers.

Crabb & Hunter will erect an addition to their office 16x40 feet running to Madison avenue. It will be fitted up with all modern improvements.

Rain is much needed as carnations and other field crops are beginning to suffer.

G. F. C.

CINCINNATI.

The Market.

Business the past week was very disappointing. It was considerably behind last year, but we have to console ourselves with the fact that this falling off of trade is is not confined to the florists alone but nearly every other business is suffering likewise. Never before have I seen such a glut of carnations during this month. During May we always expect such a state of affairs but June usually finds the supply somewhat limited and in most cases scarcely up to the demand. Carnations, and all were of extraordinarily good quality, were sold at whatever the buyer cared to offer and thousands found their way to the dump. Sweet peas were almost as bad and $1 per thousand and less were common selling figures. Roses were scarce, Beauties especially so, and the quality was especially bad.

Things look much better this week, though, and prospects are that the oversupply of carnations is a thing of the past. Prices are much better and there are enough orders booked in advance to make it certain that there will be a good demand all through this week.

Various Notes.

The annual election of officers of the Florists' Society was held Thursday evening and the following members were chosen to constitute the board of governors for the ensuing year: Geo. Murphy, Gus Adrian, Ben George, D. Rusconi and Wm. Rodgers. They will meet during the present week and choose their officers. The entertainment furnished by the society was first-class in every respect and was highly appreciated by all those present.

The S. A. F. convention at St. Louis is now being talked of and I would not be surprised to see a large representation of the Cincinnati craft present. The fact, too, that most all of the eastern delegations will pass through this city has also served to stir up interest.

C. J. OHMER.

BUTTE, MONT.

Butte has had some changes in the florist business recently. The Butte Floral Co. has bought out the business of Law Bros. and will continue their store as the Rosary. The Law greenhouses will be used for the potted plants. The Butte Company's plant at Gregson will be devoted to roses. Robt. Miller, from Natick, Mass., will have charge of the Gregson plant and G. Seitz will be in charge of the plant at Butte. O. A. C. Oehmler is at the Butte Floral Co. store and A. C. Wilhelm at the Rosary.

The State Nursery Co. is pushing carnations at its Butte store, offering them as low as 25 cents per dozen the past week, the other stores selling them for 75 cents and $1 per dozen.

We had a heavy snow storm June 22 and flurries all through the day. It was down to 32 degrees at 8 a. m. and overcoats and furs are worn here.

Stock here is very good and the cut equal to the demand.

The Butte Floral Co. lost several boxes of cut stock on the recent hold-up on the Northern Pacific. They fared the same when the train was held up a year ago.

The Florists' Club will elect officers at the next meeting.

Mr. Law is in Spokane, Wash., looking for an opening. He may locate there.

RAMBLER.

MILWAUKEE, WIS.—The Holton & Hunkel Co. is adding two houses 21x61 to its range.

WE find much valuable information in the REVIEW and would not care to do without it.—W. G. MOULTON & SON, York Village, Me.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

NURSERYMEN'S CONVENTION.

The American Association of Nurserymen held its twenty-ninth annual meeting at Atlanta, Ga., last week. The attendance was very satisfactory, although not up to the record of recent years, the distance from recognized nursery centers probably accounting for the falling off. There was, however, an attendance of many who are not usually present, and it is felt to be well worth while to carry the flag into new fields.

C. L. Watrous occupied the chair, owing to the absence of both President N. W. Hale and Vice-President Frank A. Weber. The prearranged program of papers and discussions was not followed because of the absence of a number of those to whom topics had been assigned. But it is never the regular program of the meetings which supplies the incentive for attendance at the conventions of this association, however attractive the programs may be. Business counts for more than anything else with the nurserymen.

The president's address suggested several matters for consideration, among them increasing the dues to provide funds for the prosecution of such work as securing uniform inspection laws, freight rates and classifications on nursery stock and the abolition of the unwarranted licenses now imposed on nurserymen in certain states. The insurance committee reported a plan for mutual insurance. The committee on legislation reported lack of progress on a national inspection law. An advance in freights was reported by the committee on transportation. Committees were appointed to attend meetings of traffic officials and plead the cause of the nurserymen.

Interesting papers were read by G. L. Taber, Glen St. Mary, Fla.; H. T. Jones, Elizabeth, N. J.; H. P. Kelsey, Boston; Prof. Newell, state entomologist of Georgia; J. H. Hale, of Georgia and Connecticut; J. H. McFarland, of Harrisburg, Pa.; J. C. Chase, New Hampshire; C. T. Smith, Concord, Ga.; G. H. Powell, Washington; Prof. John Craig, of Cornell, and others.

The election of officers resulted as follows: President, E. W. Kirkpatrick, McKinney, Tex.; vice-president, C. L. Watrous, Des Moines, Ia.; secretary, Geo. C. Seager, Rochester; treasurer, C. L. Yates, Rochester. One vice-president for each state was appointed as usual. It was voted to meet next year at West Baden, Ind.

The several protective associations held their annual meetings during the convention. Each reported a prosperous year and officers were re-elected.

The local hospitalities consisted of an old-fashioned barbacue, and on Friday morning the nurserymen were taken on a special train for a visit to the peach orchards of Berckmans Bros., J. H. Hale and others in the vicinity of Mayfield and Ft. Valley.

THE popular old Wilson blackberry seems to have nearly run its course in many districts.

E. W. KIRKPATRICK.

The newly elected president of the American Association of Nurserymen was born in Jefferson county, Tenn., in 1844. In 1856 his parents removed to Texas. In the large family of children there were only two boys, and it was the lot of the elder, the subject of this sketch, when still young to be the aid of his widowed mother. In 1874 Mr. Kirkpatrick established a nursery at McKinney, Texas, and the business prospered. He has taken much interest in horticultural subjects of all kinds, and has ever been eager to learn new ideas and to give assistance and encouragement to everyone in that line. The Texas Nursery Co., of



E. W. Kirkpatrick.
President Am. Association of Nurserymen.

Sherman, is the outgrowth of the former nursery. Mr. Kirkpatrick has for years been a regular attendant at the conventions of the national society and his election as its head is a merited recognition of his efforts in its behalf.

EVERGREEN SEEDLINGS.

C. H. Joosten recently protested against the assessment of duty on an importation of evergreen seedlings entered at the port of New York. The seedlings of various evergreen trees were classified under the provision in paragraph 252, tariff act of 1897, for "evergreen seedlings," and were claimed to be dutiable under the provision in the same paragraph for "stocks, cuttings and seedlings of all fruit and ornamental trees, deciduous and evergreen, not specially provided for." The board of general appraisers overruled the protest.

ALL nursery stock exported to Australia will be fumigated on its arrival there.

THE Revue Horticole announces the death, on May 5 last, of the distinguished French horticulturist, Felix Sahut. He was one of the first to discover, in association with Planchon, the phylloxera on the roots of the grape vine in the neighborhood of Montpelier, France. He was also one of the most active in advocating and practicing the introduction of American resistant vines on which to graft the wine-producing varieties.

GREENWOOD, IND.—J. O. Bishop says that business was very good this spring. He has already put up a new house for carnations and expects to put up still more glass this summer.

FRANKFORT, IND.—H. M. Humfield has a banana tree which has ripened a bunch containing thiry-five fruits, which he is selling at 25 cents apiece to those who have a desire to partake of home grown fruit.

MOLINE, ILL.—The Tri-City Florists' Club met with Wm. Knees June 16 and decided to hold a picnic for members and families in July, probably at Campbell's island. T. Ewoldt, of Davenport, furnished a strawberry treat from his beds. J. T. Temple, of Davenport, brought over a basket of many varieties of peonies and they were examined closely, for the members believe that this is one of the coming flowers of the day.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft..... 20.00 "

1000 Coreopsis, strong clumps..... 4.00 per 100.
Achillea The Pearl, strong clumps. 6.00 "
Gaillardia Grandiflora, clumps..... 5.00 "
Golden Glow, strong clumps ..... 2.50 "
Helianthus Maximiliani..... 2.50 "
Roseum ..... 3.00 "

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.

H. P. AND OTHER ROSES

from 4 and 5-inch pots, fine plants in full foliage, Crimson and Yellow Rambler, Clothilde Soupert, Couquette des Blanches, La Reine, Gen. Jacqueminot, etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots, at 18c; 1-year, from 3 inch, 9c. Clematis Paniculata, from 4 and 5-inch pots, 12c. Ampelopsis Veitchii, 4 and 5-inch, 10c. Perennial Phlox, fine named sorts, 4 and 5-inch, 15c.

PACKING FREE FOR CASH.

W. H. SALTER. ROCHESTER, N. Y.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

The Cottage Gardens Company,
INCORPORATED.
Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

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Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
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NEPHROLEPIS SCOTTII

THE MOST GRACEFUL AND SYMMETRICAL NEPHROLEPIS KNOWN. IT MAKES THREE TIMES AS MANY FRONDS AS THE BOSTON FERN IN A GIVEN TIME.

PRICES—Very heavy 4-inch pot plants, ready for 6 inch pots, $12.00 per doz.; $75.00 per 100: 25 at 100 rate. Strong transplanted runners from the bench or 2¼-inch pots, $4.00 per doz.; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-inch pans, $3.50 each; 10-inch pans, $5.00 each. I have decided to give buyers the option of taking either transplanted runners from the bench or 2¼-inch potted stock.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

The Springfield Floral Company

SPRINGFIELD, OHIO.

Asparagus Plumosus Nanus 2½-in., per 100, $3.00 per 1000, $25.00; 4-inch..... " 8.00

Honeysuckles. Golden Leaved, Chinese Evergreen and Halliana, 2½-inch.....per 100, $2.00

Lantanas, 5 sorts, 2½-inch..... " 2.00

Begonias, assorted, 2½-inch ..... " 2 00

Oleander, 2½-inch, double white and double pink ..... " 2.50

Heliotrope, Florence Nightengale, 2½-inch ..... " 2.00

Violets. Princess of Wales, California and Swanley White, 2½-in., per 100, $2.00; per 1000, $18.00.

Achillea. The Pearl, 2½-inch, per 100, $2 00; per 1000, $18.00.

Hydrangea Monstrosa, 2½-inch, per 100, $3.00; per 1000, $25.00.

Geraniums, Jean Viaud, La Favorite, per 100, $3.50; per 1000, $30 00; our selection of varieties in assorted kinds, per 100, $2.00; per 1000, $18.00.

Cannas, Austria, strong plants from 2½-inch pots, per 100, $3.00; per 1000, $25.00.

Fuchsias, 2½-inch, double white and double purple and assorted single varieties, per 100, $2.00.

Abutilons, Souv. de Bonn, Eclipse, Golden Bell and Infanta Eulalia, 2½-inch, per 100, $2.00.

Rudbeckia (Golden Glow), 2½-inch, per 100, $2.00.

Chrysanthemums, 2½-inch, assorted varieties, per 100, $2.00; per 1000, $18.00.

Roses, Marechal Niel, The Bride, Ball of Snow, 2½-inch, per 100, $2 50; per 1000, $20.00. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snowflake, 2½-inch, per 100, $2.00; per 1000, $18.00.

Mention The Review when you write.

Boston Ferns. Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA. **S. S. SKIDELSKY,** 824 N. 24th St. PHILADELPHIA.

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ORCHIDS

We beg to announce the arrival IN SUPERB CONDITION of the following Orchids:

CATTLEYA TRIANAE, CATTLEYA LABIATA, CATTLEYA GASKELLIANA and CATTLEYA SPECIOSISSIMA.

Also ONCIDIUM VARICOSUM ROGERSII, O. SPLENDIDUM, LAELIAS, DENDROBIUMS and others.

Write for special list of above.

LAGER & HURRELL, Growers and Importers, **Summit, N. J.**

Mention The Review when you write.

ROSE PLANTS FROM 2-INCH POTS

MAIDS and BRIDES, PRICE TO CLEAN OUT **$20.00 per 1000**

This is a cheap price but not cheap stock; it is first-class in every respect.

METEOR from 2½-inch pots, STRICTLY FIRST-CLASS, $15 per thousand.

AMERICAN BEAUTY, 3-inch, - - $40.00 per 1000

American Beauty Bushes

One year old, from benches, fine plants : : : $4.00 per 100

J. A. BUDLONG, 37 Randolph Street, CHICAGO.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Mention The Review when you write.

Primroses

	Per 100.
Chinese, 2-inch pots	$2.00
Obconica Alba Rosea	2.00
Forbesi, all ready in July	2.00
1000 Smilax	1.25

Asparagus

	Per 100.
Plumosus Nanus seedlings	$1.75
" 2-inch pot, July	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed $4.50 per 1000.	

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

Elmhurst, Cal.—Paul W. A. Grallert is preparing to put up two carnation houses 22x100 using King's roof construction. He will also put up three asparagus houses 15x100 with old material. These are not "the largest houses on the coast," as a local newspaper recently stated.

Santa Cruz, Cal.—Thos. Thompson has had a two weeks' siege with malaria but is now convalescent. He has about 400 plants of Richardia Elliottiana that he has raised from seed. They are growing vigorously, planted out of doors and the "bed of yellow callas" is quite an attraction. Geo. Butler & Son have secured a good piece of land near the Odd Fellows' cemetery upon which they will soon erect two houses 20x150 each and later add numerous other houses. The new range will be managed by Geo. Butler and the old plant will be cared for by the son, but flowers will be abandoned and both ranges will be devoted to cucumbers.

SEA WATER.

Our water supply is inadequate and, as we are located near a tidewater river, I have been trying to demonstrate whether the salt water would be injurious to grass and hardy plants. So far I have seen no ill effects but you will confer a favor by stating what proportion of salt such plants will stand. Napa.

The ordinary varieties of hardy plants and grasses do not need any salt fertilizing although a small quantity occasionally does not seem to injure them. In ordinary salt water the percentage of salt is about twenty pounds to the hundred gallons of water. It is, of course, out of the question to use water of this description regularly and it must be that the correspondent takes his water from the river at a higher point than where the salt from the bay impregnates the fresh water that flows down the river and if no ill effects have resulted from the use of the water it is because there is not a superabundance of salt in it. He is therefore perfectly safe in continuing to use it freely.

There are many varieties of salt and marsh grasses that thrive only where they receive frequent bathings in sea water but they are not used usually in gardens and their scope is confined entirely to waste and boggy places.

Rock salt as a fertilizer is used extensively on the Pacific coast for various kinds of vegetables and especially asparagus. G.

LOS ANGELES.

Trade and Market.

The summer is now on in full blast and it is beginning to have its effect upon the flowers. The florists are having great difficulty in obtaining enough decent stock to fill their stores or orders.

Business has been very good, owing to the numerous June weddings and graduation exercises and the demand for flowers for the past week has far exceeded the supply. The prices are low, but are high enough for the quality of the flowers.

This condition is not surprising to the dealers, as they have this same trouble to contend with every summer. However, it came on about a month earlier this season than usual and has been a great drawback to the June trade. It is very hard to explain to the average customer the reason for not having better flowers, for as a rule they fail to realize that plants need a rest in California as well as in the east.

Carnations, the most popular and all around useful flower, are the ones that are missed the most, but it will not be long, about three or four weeks, I think, before they will be in again in sufficient quantities to supply the summer demand, and I have every reason to believe that the quality will be much better and the price more steady.

The month of May was a record-breaker in the output of carnations, and it is believed that for the first time in the history of Los Angeles, carnations were used as the general decorating flower on Memorial day. The supply was enormous and the price low enough to be within reach of all. Ever since May 23 carnations have been selling at 25 cents per hundred, wholesale, and for Memorial day purposes they retailed at from 20 to 25 cents per bunch of fifty.

Roses are scarce and the quality poor. Sprengeri and plumosus in strings are plentiful, but plumosus sprays are hard to get. Centaurea is quite plentiful and has been resorted to by the florists, in absence of better flowers, for foundations of floral designs. They are now wholesaling for 50 cents per hundred.

Sweet peas are bringing from $1 to $1.50 per thousand and the supply is holding out quite well, although they are beginning to get scarce now.

Various Notes.

D. R. Woods, of Wilmington, has purchased a half interest in the nursery of the Ingleside Floral Co., located at the corner of Adams and Main streets.

E. R. Meserve is making some extensive additions to his lath houses and expects to fill them with plumosus and smilax.

Morris Goldensen is contemplating a trip east in the near future and will visit the World's Fair before his return.

E. J. Vawter, president of the Ocean Park Floral Co., informs me that the carnation output of the gardens at Ocean Park for the week prior to May 30 amounted to over 250,000 blooms and that the fields have recently been extended several acres. He is also enlarging his propagating house to a considerable extent. R. B. H.

SAN FRANCISCO.

The Market.

Business has reached the stagnation stage. A very few weddings are still on tapis, but the schools are all closed and everyone with money to spend has gone to the country, so the florists are having a quiet time. Funerals are out of fashion also. Flowers, except good roses, are not plentiful although we probably have enough to supply the small demand. We have had very cool weather for the past two weeks, so that stock does not exhibit that washed out appearance that we were getting used to during the recent warm spell. Carnations, except such varieties as Joost, Scott and Portia, are not over-plentiful and still bring about $2 per hundred. The varieties I have just mentioned can be had at from 75 cents to $1 per hundred. The street peddlers take advantage of these low prices and one sees on the sidewalks great quantities of indoor red and pink sorts with fair blooms and good stems. Great quantities of outdoor Gen. Jacqueminot roses are being used to fill up the windows. Valley and lilies are in fair supply.

Various Notes.

Alexander Craw, state quarantine officer against insect pests, has accepted the similar position offered him by the government of Hawaii at a salary of $5,000 a year. The deal was closed by cable. His good work in the quarantine department of the state horticultural commission has been seconded ably by his assistant E. K. Carnes. G.

No. Hampton, Mass.—Chas W. Loomis is just starting in the business here.

TRUE
ASPARAGUS
Plumosus Nanus
2-inch, $3.00 per 100; $25.00 per 1000. Express prepaid.
NEW CROP PANSY SEED—$4.00 per oz.; ¼-oz. at 1 oz. rate.
100,000
Calla Bulbs
WRITE FOR PRICES.
California Carnation Company,
LOOMIS, CAL.
Mention The Review when you write.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.
Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.
F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

Burbank's Shasta Daisy Seed
New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.
LOOMIS FLORAL CO.
LOOMIS, CAL.
Mention The Review when you write.

BASSETT & WASHBURN'S ANNUAL CLEARING SALE OF

CHOICE ROSE PLANTS

2000 AMERICAN BEAUTIES, 2½-inch pots	per thousand,	$40.00
5000 CHATENAY, 3-inch pots	"	50.00
4000 BRIDES, 2-inch pots	"	25.00
4000 MAIDS, 2-inch pots	"	20.00
12000 AMERICAN BEAUTY PLANTS, from benches	"	25.00
12000 MAIDS and BRIDES, Grafted plants from benches	"	25.00

All plants shipped from Hinsdale and GUARANTEED CHOICE CLEAN STOCK, WELL GROWN.

BASSETT & WASHBURN,

Greenhouses, Hinsdale, Ill. Office and Store, 76 Wabash Ave., CHICAGO.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES

Market and Fancy Strains

are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our pansies as unequaled.

New crop seed ready now in trade packages of either strain, at $1.00 each.

DENYS ZIRNGIEBEL

NEEDHAM, MASS.

Mention The Review when you write.

Pansy Seed.

Brown's Extra Select Superb Giant Prize Pansy Seed, my own growing.

NEW 1904 CROP.

Price mixed, 3000 seeds, $1.00.

¼ oz., $1.50; ⅛ oz., $2.50; 1 oz., $5.00.
¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00.

Cash with order.

Plants ready September 1.

PETER BROWN, Pansy Grower,

LANCASTER, PA.

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A A SEEDS.

PRIMROSE IMPROVED CHINESE.

Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Plants ready in July, $2.00 per 100.

CINERARIA—Finest large flowering dwarf, mixed, 1000 seeds, 50c. Plants ready in July.

PANSY—Finest Giants, mixed, critically selected, 5,000 seeds, $1.00; half pkt., 50c.

☞ 500 seeds of Giant "Mme. Perret" added to every $1.00 pkt. of Giant Pansy seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP,

The Home of Primroses. SHIREMANSTOWN, PA.

Mention The Review when you write.

ROSES -- Strictly No. 1 Stock.

Maids, Brides, Gates, 2½-inch, $2.50 per 100; $20.00 per 1000. Perles, 2½-inch, $3.00 per 100; $25.00 per 1000. Maids, Brides, Gates, Perles, 3½-inch, $45.00 per 1000. Cut back, bench Beauties. A few thousand fine plants remaining, $35.00 per 1000. Elegant stock for benching. Beauties, 2½-inch, $40.00 per 1000; 3½-inch, $55.00 per 1000.

Prices are extremely low considering quality of stock. We have to dispose of them to finish planting. Orders booked for delivery any time during July.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	Per 100 R. C.	Per 100 2½-in.
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C. .....$25.00 per 100

HEADQUARTERS FOR FINEST CUT ROSES.

Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.

Poehlmann Bros. Company,

MORTON GROVE, COOK CO., ILL.

Mention The Review when you write.

PERRET'S GIANT PANSIES

This is a very fine strain of pansies with flowers of extraordinary size, reaching 3 to 3½ inches in diameter. They were awarded a Gold Medal at Buffalo Exhibition of 1901. Trade pkt., 3000 seeds, $1.00; half pkt., 50c; oz., $4.00; ½ oz., $2.50.

HUBERT & COMPANY,

N. Le PAGE, Rep., Mt. Vernon, N.Y.

Send for our bulb catalogue before ordering elsewhere.

Strictly fancy

AM. BEAUTY and PERLE ROSES

as well as other varieties can be had at once by writing Geo. A. Kuhl, Pekin, Ill. Everything sent out is strictly first-class and guaranteed to give satisfaction.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

Mention The Review when you write.

Chrysanthemum Plants

2¼-inch pots.

Glory Pacific, Black Hawk, Kalb, M. Wanamaker, John Lager, $2.00 per 100.

Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

Rooted Cuttings at half above rates.

C. W. BLATCHLEY, Plantsville, Conn.

Mention The Review when you write.

Roses Special low prices to close out Roses

Fine strong 3-inch Brides, Maids, Ivory and Gates, $5.00 per 100, $45.00 per 1000. Perles and Meteors, $6.00 per 100, $50.00 per 1000. Beauties, $7.00 per 100, $60.00 per 1000.

2½-inch Brides and Ivory, $2.50 per 100, $25.00 per 1000, Perles, $3.00 per 100, Beauties, $4.00 per 100.

Fine 3-inch Vincas for stock, $5.00 per 100; 2-inch $2.50.

We have a few hundred bench Beauties cut back and established in 4-in. pots, fine to plant now, at $8.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

ROSE PLANTS

	Per 100	Per 1000
50,000 Am. Beauty, 2½-inch pots	$5.50	$45.00
25,000 Am. Beauty, 3½-inch pots	7.00	60.00
50,000 Brides, 2½-inch pots	3.00	25.00
25,000 Brides, 3½-inch pots	4.50	35.00
50,000 Bridesmaids, 2½-inch pots	$3.00	$25.00
25,000 Bridesmaids, 3½-inch pots	4.50	35.00
10,000 Liberty, 2½-inch pots	5.00	40.00
5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

TWO-YEAR OLD PLANTS FROM BENCHES.

American Beauty.....$6.00 per 100; $50.00 per 1000. Brides, (Grafted Stock)....$6.00 per 100; $50.00 per 1000.
Bridesmaid, (Grafted Stock).....$6.00 per 100; $50.00 per 1000.

WRITE FOR SPECIAL DISCOUNTS ON LARGE LOTS.

The Benthey-Coatsworth Co., 35 Randolph Street, **Chicago**

DORCHESTER, MASS.

There were no more sincere mourners on account of the untimely death of L. H. Foster than his faithful assistants, Daniel E. Sullivan and Philip J. McGrath. Mr. Sullivan's loyalty covered a period of twenty-four years and Mr. McGrath has spent the last eleven years in Mr. Foster's service. Mr. Sullivan says he believes there are few men in the profession who could think as much of their employes as Mr. Foster. As a practical evidence of his appreciation Mr. Foster, in his will, left all his real estate and personal property on King street, Dorchester, including the land and greenhouses and the personal property at the greenhouses on Wrentham street, to Messrs. Sullivan and McGrath and on the settlement of the estate they will assume full possession of the same. In the meantime the business will be continued in behalf of Miss Edith Foster. The best wishes and good will of the trade in and around Boston are extended to these gentlemen and sincere congratulations on their good fortune and the reward that has demonstrated the value of honorable and loyal devotion to the interests of one's employer. J. Austin Shaw.

ANTS.

A subscriber inquires as to the best way of destroying these troublesome little creatures. If it is indoors there are several poisons that will destroy them, but if it is on the lawn and they are throwing up their hills it is hard to kill them without killing the grass. For use under glass here are two prescriptions, both poison, and should be used with caution:

Boil one ounce of ordinary arsenic in one quart water till it is reduced to one pint, then add one-half pound coarse sugar. This mixture can be dropped about the run and nests. The ants will sample it and retire to the happy hunting grounds.

Mix together one part of calomel and ten parts of pulverized white sugar and lay around their haunts. The ants will taste it and wish they hadn't.

I have consulted the superintendent of a large and beautiful cemetery who has been fighting ant hills for years and he says, after trying several receipts, he finds the only effectual plan is to scald the hills, then remove the sod and a few inches of earth and again give another application of boiling water to make sure there are no ants or eggs left alive, and then renew with fresh sod.

W. S.

ROSE PLANTS

My stock of 2 and 3-inch roses are large, clean, fine plants. Prices at which I offer these plants will move them quick. So don't delay your order.

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Bridesmaids	2.50	20.00
Brides	2.50	20.00
Perle	3.00	25.00
Golden Gate	2.50	20.00
Ivory	2.50	20.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

GEORGE REINBERG,
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A1 stock, ready for planting. Own roots, 3-in., ready for shift. $60 per 1000; 4-in., $100 per 1000.

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2¼-inch pots, bushy plants, $2.00 per 100.

Asparagus Sprengeri—6-in. pots, 4-year-old, fine plants, $6.00 per 100.

Geraniums—10 colors, in full bloom, 3-in. pots, short bushy plants, $4.00 per 100.

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	Per 100	1000
Mme. Chatenay	$5.00	$40.00
Sunrise	5.00	40.00
Am. Beauty, 3-inch	6.00	50.00
Kaiserin	2.50	20.00
Liberty	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Perle	2.50	20.00
Ivory	2.50	20.00
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COLEUS—Golden Bedder and Verschaffeltii and 10 other varieties, 2 inch pots, $2.00 per 100; $18.00 per 1000.

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F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
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100		100
Convention Hall	$8 00	Alice Byron $8 00
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Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100: Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

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3-inch pots, 3c each. Rooted cuttings 75c per 100. Must be sold previous to removal. Rooted cuttings of Variegated Stevia, $1.00 per 100; 3-inch pots, 3c each.

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M. Douillet	2.50	Col. Appleton	1.50
Willowbrook	2.00	Daiskov	1.50
Baden Powell	2.00	Glory Pacific	1.50
Malcolm Lamond	2.00	Louis Leroux	1.50
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Above varieties in 2-inch pots, $2.50 and $3.00 per 100; 3-inch, $4.00 per 100.

COLEUS—2¼-in., $2.00 per 100.

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Cut from bench, $5.00 per 100; $40.00 per 1000.

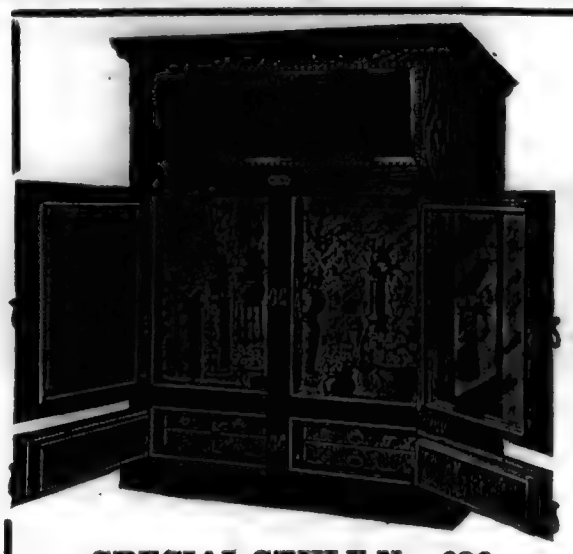
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25,000 Am. Beauty, 3½-inch pots	7.00	60.00	25,000 Bridesmaids, 3½-inch pots	4.50	35.00
50,000 Brides, 2½-inch pots	3.00	25.00	10,000 Liberty, 2½-inch pots	5.00	40.00
25,000 Brides, 3½-inch pots	4.50	35.00	5,000 Golden Gate, 2½-inch pots	3.00	25.00

5,000 Sunrise, 2½-inch pots.....Per 100, $4.00; Per 1000, $30.00

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J. AUSTIN SHAW.

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A subscriber inquires as to the best way of destroying these troublesome little creatures. If it is indoors there are several poisons that will destroy them, but if it is on the lawn and they are throwing up their hills it is hard to kill them without killing the grass. For use under glass here are two prescriptions, both poison, and should be used with caution:

Boil one ounce of ordinary arsenic in one quart water till it is reduced to one pint, then add one half pound coarse sugar. This mixture can be dropped about the nest and nests. The ants will sample it and retire to the happy hunting grounds.

Mix together one part of calomel and ten parts of pulverized white sugar and lay around their haunts. The ants will taste it and wish they hadn't.

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W. S.

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Bridesmaids	2.50	20.00
Brides	2.50	20.00
Perle	3.00	25.00
Golden Gate	2.50	20.00
Ivory	2.50	20.00

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	100	1000
Perle	$4.00	$35.00
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Baden Powell	2.00	Glory Pacific	1.50
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Above varieties in 2-inch pots, $2.50 and $3.00 per 100; 3-inch, $4.00 per 100.

COLEUS—2½-in., $2.00 per 100.

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Does Asparagus plumosus require the full sun to do its best? I want to build a house for asparagus and smilax and all the place I have is on the north side of a building, where it would have the sun only about half the day.

W. E. H.

Asparagus plumosus requires plenty of light, though not full exposure to the sun during the summer months, it being necessary to apply a light shading to the glass in the early summer and to continue this until about October 1 in an ordinary season. It is probable that you may grow smilax and asparagus fairly well in a north house, though it would not be as much under control during the winter season as though it were planted in a house with a more favorable exposure. A night temperature of 65 degrees is the best for the asparagus, but the smilax will do well in a slightly lower temperature.

W. H. TAPLIN.

KANSAS CITY.

Trade no better than last week. The writer dropped down to Independence, Mo., last Thursday afternoon. Florists and their places all looked very prosperous. Took a look through the Walnut Hill greenhouses and met the proprietor, E. G. Bunyar, who is more than pleased with this spring's business. He says he has done more this year than ever. He is not going to do any building, only some repairing.

Miss M. Dalley, one of our lady florists, left last Saturday and sailed the following Wednesday for Europe, to be gone three months on a pleasure trip to her old home in England.

Our little florist, Charlie Laundy, of Westport, took unto himself a wife last Wednesday, and we all wish him happiness.

Mrs. Lydia Augar, the lady florist, of Fort Wayne, Ind., stopped off here last Wednesday on her way to Coffeyville, Kan.

L. M. S.

SPRINGFIELD, ILL.—A. C. Brown will abandon the old site of his greenhouses, platting the property into building lots.

STRATHAM, N. H.—A. H. Craig & Son will increase their glass area this year about 5,000 square feet. They intend to do something in the wholesale plant line and also to handle nursery stock.

Greenhouse and Vegetable Plants

2¼-inch stock in A No. 1 condition. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, yellow, $2.00 per 100; $17.50 per 1000.		
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20 00 per 1000.		
Acalypha Marginata, strong, 2½-in. pots, $2.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney	40c	$2.00
Asparagus Sprengeri, 2½-in	50c	3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Coleus, 15 var., $15.00 per 1000	40c	2.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	3.00

GERANIUMS.

In good variety.

$2.00 per 100; $20 00 per 1000.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety, per 1000, $15.00	40c	2.00
Lemon Verbena, per 1000, $20 00	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50	40c	2.00
Maranta Massangeana	75c	4 00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3 50
Smilax, per 1000, $15.00		2.00
Strobilanthes Dyerianus	50c	3.50
Swainsona Alba	40c	3.00
" **Rosea**	40c	3.00
Tritoma Pfitzeri, 3½-inch pots	75c	4.00
" **Uvaria,** 2¼-inch pots	60c	2.50

Vegetable Plants

On Cabbage, Tomato and Celery we are prepared to make special price on large lots.

CABBAGE—Early and Charleston Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

TOMATOES—Earliana, 40c per 100, $2.00 per 1000. Stone, Paragon Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—Boston Market, Dwarf Golden Heart, Giant Pascal, Pearl Le Grand, Pink and White Plume and Celeriac, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

KOHL-RABI and Brussels Sprouts, 25c per 100; $1.50 per 1000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

Cash with order.

Send for trade price list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

Headquarters for

BOSTON and PIERSONI FERNS

in 2½, 3, 4, 5, 6, 7, 8, and 10-in. pots. Asparagus Sprengeri and Plumosus in all sizes at **Geo. A. Kuhl, Pekin, Ill.** Write him for prices.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Fine large plants, 3-inch, ready for 4-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS NANUS

from flats, ready for 2½-inch pots, $2.00 per 100. 2-inch pots, ready to shift, $3.00 per 100; $25.00 per 1000.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Mention The Review when you write.

Chrysanthemums!

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

4000 Fine, Strong Tomato Plants

10-12 inches, D. Champion and Beauty, $6.50 per 1000. Jersey Wakefield cabbage, $2.25 per 1000.

PEPPER—Ruby King, 40c per 100; $2.50 per 1000. Chinese Giant, $1.00 per 100.

PANSY PLANTS—$3.00 per 1000.

ALLEGHENY HOLLYHOCKS—Large plants, $2.00 per 100.

F. GRISWOLD, :: Worthington, O.

Mention The Review when you write.



TO-BAK-INE
FUMIGATING PAPER

W. W. RAWSON & CO., 12 Faneuil Hall Square.

E. H. HUNT, Chicago, Ill. BOSTON, MASS., June 16, 1904.

DEAR SIR:—Your letter just received. We have used the To-Bak-Ine Fumigating Paper in our own greenhouses and find it a superior article and very satisfactory. It does the work very effectively without injuring the plants. Yours very respectfully, [Signed] W. W. RAWSON & CO.

One box (12 rolls) 60c. One case (144 rolls) $6.50.

Send for a free copy of our "WORDS OF WISDOM," by Leading Growers, and enclose 11c in stamps for a FREE TRIAL BOX OF TO-BAK-INE FUMIGATING PAPER, this is sufficient quantity to make two thorough fumigations in a house 100x24 feet.

Measure the sheets. To-Bak-Ine Fumigating Paper sheets measure full 36 inches long. They are longer and contain 25 PER CENT MORE NICOTINE than any other similar product.

E. H. HUNT, WHOLESALE FLORIST, **76 Wabash Ave., CHICAGO**

50,000 SMILAX.

From 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

PETUNIAS.

These Double Fringed ones — 6 beauties — 2½-inch, $1.50 per 100. We have 5000 left.

CASH.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

SMILAX

Extra fine strong plants, 3-in. pots.
$2.00 per 100.

Cash from unknown parties.

J. VAN LINDLEY NURSERY CO., Pomona, N. C.

Mention The Review when you write.

ASPARAGUS PLANTS

True Plumosus Nanus, strong plants from seed sown January and February, $12.00 per 1000; 250 at 1000 rate; $1.50 per 100. Cash with order, prepaid to destination. Send for samples. Large lots, write us for prices.

Sprengeri, strong seedlings, once transplanted, 80c per 100; $6.50 per 1000, prepaid.

YALAHA CONSERVATORIES,
YALAHA, —— Lake Co., —— FLORIDA.

Mention The Review when you write.

VIOLETS

from 2-inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1000; Imperial, $25.00 per 1000. Princess of Wales from 2⅝-inch pots, $8.00 per 100.

CRABB & HUNTER
GRAND RAPIDS, MICHIGAN

Mention The Review when you write.

Princess of Wales Violet

ROOTED CUTTINGS.
$8.00 per 1000; Cash or C.O.D.

SOL. GARLAND, Des Plaines, Ill.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

We have special low prices to offer and can save you money on

Galvanized Wire Rose Stakes and Tying Wires

Write us for price before ordering elsewhere. **Also Model Extension Carnation Support.**

IGOE BROS., Manufacturers, **226 North 9th Street, Brooklyn, N. Y.**

Mention The Review when you write.

TOBACCO POWDER
THE BLACK STUFF FINE For Sprinkling Only.

WHEN you cannot fumigate with our **Fumigating Powder** you can apply our **Black Stuff Fine** direct to the plants; it is strong and equally effective in doors or out for extermination of all plant pests. Your money back if it is unsatisfactory. Trial 5-pound package for nothing if you will pay the express charges on it. Write Dept. D. THE H. A. STOOTHOFF CO., 116, 117, 118 West Street, New York.

Mention The Review when you write.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

ROSE LEAF EXTRACT OF TOBACCO INSECTICIDE

For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

"NICOTICIDE"
THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Peacock's ....Dahlias

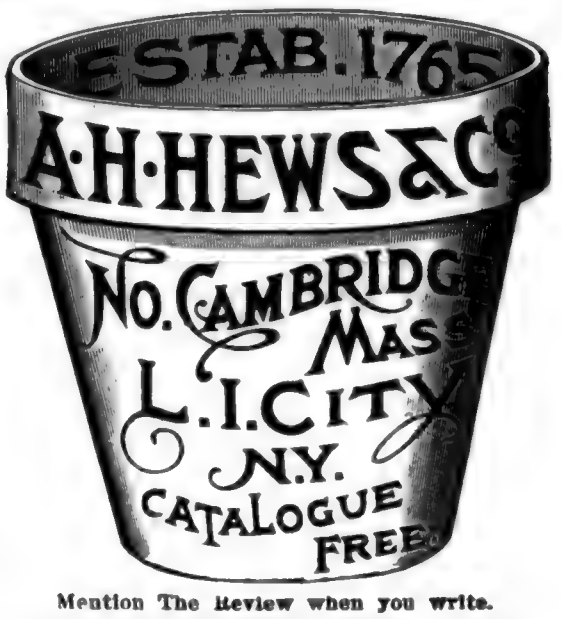
For plants or bulbs address

W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.



Mention The Review when you write.

LANDS YOU AT THE GATE.

All the most important trains of the Wabash Railroad now run into St. Louis by way of World's Fair Grounds, stopping at Wabash World's Fair Station, located at the Main Entrance. The Wabash is the only line that sells tickets and checks baggage direct to the World's Fair main gate. Excursion tickets on sale daily. Very low rate coach tickets sold twice a week. Write for full particulars, and a copy of folder containing a map of St. Louis and the Fair Grounds. F. A. Palmer, Asst. Gen. Pass. Agent, 311 Marquette Bldg., Chicago, Ill.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons Souv. de Bonn, Eclipse, Golden Bell, Infanta Eulalia, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Abutilon Savitzii, 2-in. pots, 50c doz., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

ACALYPHAS.

Acalypha Macafeeana, strong, 3-in., and A. marginata, strong, 2¼-in., $2.50 100; $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHILLEAS.

Achillea The Pearl, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneva, Ill.

Alternantheras, yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red, yellow, pink, $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

ALYSSUM.

500 alyssum, trailing, 2¼-in. two in each pot, $2.00 per 100. Cash.
E. C. Boss, Honesdale, Pa.

Dbl. alyssum, 2¼-in., bushy, $2.00 100. Cash.
G. W. Renard, Avondale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50 to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann, 1012 Ontario St., Phila., Pa.

ARBOR-VITÆ.

Seedling Biotas, fine 2½-in. plants, $1.50 per 100. Cash. S. B. Ritter, Port Royal, S. C.

ASPARAGUS.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; strong 4-in. pots, $1.50 doz., $10.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Asparagus plumosus nanus, strong plants from seed sown January and February, $12.00 1000; $1.50 100. 250 at 1000 rate. Send for samples. A. Sprengeri, strong seedlings once transplanted, 80c 100; $6.50 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus	$3.00 per 100
Asparagus plumosus robustus,	5.00 per 100
Asparagus decumbens,	3.00 per 100
Asparagus Sprengeri,	2.00 per 100

2-inch pot stock ready now.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus nanus, very heavy, 2-in., $3.00 per 100, $25.00 per 1000; 3-in., very heavy, $6.00 per 100, $50.00 per 1000. Sprengeri, 2-in., $3.00 per 100. C. Betscher, Canal Dover, Ohio.

Asparagus plumosus out of 2-inch pots, good, strong plants, ready for shipment July 1, at $2.50 per 100, $22.50 per 1000. Cash with order. The Livingston Seed Co., Columbus, O.

Asparagus plumosus nanus, from flats ready for potting, $2.00 per 100; $17.50 per 1000. Cash. J. H. Fiesser, 415 Summit Av., West Hoboken, N. J.

Asparagus Sprengeri and plumosus all sizes. Write. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 5000 plants, choice stock from 3 to 7-in. pots, to close out at a bargain. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus seedlings, ready for potting, $12.00 per 1000. Express prepaid.
Drake Point Greenhouses, Yalaha, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus nanus, from flats ready for 2½-in. pots, $2.00 100; 2-in., ready to shift, $3.00 100, $25.00 1,000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, strong stock, cool grown, 4-in., ready to shift, $10.00 per 100.
John C. Hatcher, Amsterdam, N. Y.

Asparagus plumosus nanus, 2-in., $3.00 100, $25.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, 2½-in., $3.00 100; $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus from flats, $1.75 100; 2-in. $2.50 100.
Sherman Nursery Co., Charles City, Iowa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

2000 Asparagus Sprengeri, strong 3-in., $4.00 100. Walker & McLean, Youngstown, Ohio.

Asparagus Sprengeri, 6-in., 4-yr.-old, $6.00 100. Cash. G. W. Renard, Avondale, Pa.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

ASTERS.

Aster plants. Semple's Queen of the Market, Perfection, Comet and Hohenzollern, large, stocky plants, $1.50 per 500, $2.50 per 1000, by express. Gustav Pitzonka, Bristol, Pa.

Asters Semple's and Queen of the Market, mixed colors, white, shell pink, rose, purple and lavender, $2.00 per 1000. Cash with order.
A. & G. Rosbach, Pemberton, N. J.

Aster plants. Queen of the Market and Semple's white, pink and lavender, large plants, $2.50 per 1000; 300 for $1.00.
J. C. Schmidt Co., Bristol, Pa.

Aster plants, fine. Early Market, white; Purity and Vick's Branching, white, 50c 100, $3.00 1,000. Cash.
Ray H. Palmer, Randolph, N. Y.

Asters. Semple's Branching, Truffaut and Victoria in separate colors, transplanted stock, $1.50 per 100.
Walker & McLean, Youngstown, Ohio.

Seedling China asters, chrysanthemum flowering, just right to plant, $3.00 per 1000. Cash.
W. H. Drake, Kenosha, Wis.

Asters in all varieties and mixed transplanted, 60c 100; $5.00 1000.
Converse Greenhouses, Webster, Mass.

Aster Queen of the Market, strong plants, $1.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Vick's branching, white and rose, $2.00 per 1000.
Port Allegany Greenhouses, Port Allegany, Pa.

Asters for cut flowers. Write for prices.
C. L. Reese, Springfield, Ohio.

Aster plants, $5.00 per 1000.
Crown Point Floral Co., Crown Point, Ind.

BAY TREES.

Bay trees, palms, decorative plants, orchids, all sizes. Apply to
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, nice 2-in., stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100. A. Jablonsky, Wellston, St. Louis, Mo.

Begonias, 2½-in. Rubella, Star, Erdody, $5.00 per 100. Rubra, metallica, Pres. Carnot, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, 2-in., $2.00; rooted cuttings, $1.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Begonia Gloire de Lorraine, July delivery, $12.00 100. Julius Roehrs, Rutherford, N. J.

Begonias, assorted, 2¼-in., $2.00 100.
Springfield Floral Co., Springfield, O.

BERRIED PLANTS.

Christmas peppers, nice plants from 2-in. pots, $2.25 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

BOUVARDIAS.

Bouvardias dbl. pink and white; single scarlet, $3.00 100. Levant Cole, 89 Wendall St., Battle Creek, Mich.

Bouvardias, red, white, pink; good, strong plants out of 2½-in. pots, $4.00 100.
John Holt, North Wales, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

BULBS.

California grown and well ripened daffodil bulbs; 5,000 Emperor at $18.00 per 1,000, 3,000 Golden Spur at $15.00 per 1,000, 5,000 Princeps at $6.00 per 1,000, 5,000 Ard Righ, including a few Trumpet Major and Henry Irving at $16.00 per 1,000. Also smaller bulbs of above varieties at lower prices.
J. P. Parker, Santa Cruz, Cal.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for price, stating kinds and quantities required.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

100,000 Paper White narcissus bulbs at $6.00 per 1000, first size, all flowering bulbs; $3.00 per 1000 for second size, most of them will flower. Cash with order.
Geo. Rosmarin, 1419 Bay St., Alameda, Cal.

BARNARD'S lilies are the best. The true type of Harrisii is never too plentiful. Write now.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Zephyranthes, Milla, Crinum, Cooperia, Amarylles. Resurrection plants, Cacti, Agaves. Write for prices. William Tell, Austin, Tex.

Prices on freesias, French and Dutch bulbs, etc., quoted on application.
Johnson & Stokes, 217-219 Market St., Phila.

Amarylis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

100,000 calla bulbs. Write for prices.
California Carnation Co., Loomis, Cal.

Lilium Harrisii bulbs, July delivery.
H. F. Michell Co., 1018 Market St., Phila.

CACTI.

CACTI.
All Mexican sorts are sold by
J. Balme & Co.,
Box 628, Mexico City, Mexico.

Sound cacti in variety, $5.00 100 and upwards.
William Tell, Austin, Tex.

CANNAS.

Cannas, out of 4-in. pots, strong plants. Alphonse Bouvier, McKinley, Duke of Marlborough, Souv. de Antoine Crozy, Florence Vaughan, $5.00 per 100.
MARK AITKEN, Springfield, Mass.

Cannas Austria, strong plants from 2½-in. pots, $3.00 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

CARNATIONS.

Carnations, pot-grown, for July planting. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

A few healthy carnation cuttings from soil, Mrs. Potter Palmer, $2.50 100; Lorna, $2.00 100; Mrs. Nelson, $2.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or. John Murchie, Sharon, Pa.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

CENTAUREAS.

Centaureas, fern leaved, fine plants, $3.00 100.
F. A. Baller, Bloomington, Ill.

CHRYSANTHEMUMS.

Rooted chrysanthemum cuttings:
G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Minerva, John Shrimpton, Philadelphia, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Adula, Golden Wedding, W. H. Lincoln, Nagoya, Timothy, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
Wm. F. Kasting, Buffalo, N. Y.

WM. DUCKHAM chrysanthemum. We have 1200 fine plants of this wonderful variety to sell. Plants are grown from top cuttings, propagated the end of April, and have been in flats since May 16, and are now excellent stock for planting out. We offer these plants at $3.00 per doz.; $10.00 per 50; $18.00 per 100. Can not accept orders for less than 12.
Highland Park Greenhouses, Tel. 85, Highland Park, Ill.

Chrysanthemum Mme. F. Bergmann, still the finest of all early whites; large in size. Will produce high class blooms in any of the southern states without protection, by October 10. A large stock in fine condition. From 2-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100. Write for prices on larger lots.
Morton's Evergreen Lodge, Clarksville, Tenn.

35,000 chrysanthemums all from 2¼-in. pots, in fine growing condition. T. Eaton, Appleton, Ivory, Bonnaffon, Maud Dean, Mrs. Murdock, Yanoma, R. Halliday, Willowbrook and many more at $2.25 per 100, $20.00 per 1000.
300 plants for $5.00 cash, our selection. All orders shipped same day as received.
Coolidge Bros., South Sudbury, Mass.

Chrysanthemum cuttings, 2¼-in. pots. Pacific, Blackhawk, Kalb, Wanamaker, Liger, $2.00 100. Pink and White Ivory, Mrs. Robinson, Bonnaffon, Appleton, $2.50 100. Maud Dean, Mrs. Coombes, Chadwick, Jones, Harriott, Golden Wedding, $3.00 100. Rooted cuttings, ½ of above rates.
C. W. Blatchley, Plantsville, Conn.

Chrysanthemums. To make room we will sell the following mums, and they are good plants, at $16.00 per 1000; $1.75 per 100: Col. D. Appleton, Opah, white, Fitzwygram, Intensity, Yellow Bonnaffon. Cash, please, or C. O. D. Samples 10c.
A. Relyea & Son, Poughkeepsie, N. Y.

Strong rooted cuttings: Timothy Eaton and J. E. Lager, $2.00 100. White Bonnaffon, Yellow Bonnaffon, Perrin and Marion Henderson, Col. D. Appleton, Dorothy Toler, Liberty, M. M. Johnson, Simplicity, Yellow and Pink Ostrich Plumes, $1.50 100.
B. Merkel & Sons, Carlstadt, N. J.

Hardy pompon chrysanthemums, large-flowering or aster variety, 2¼-in., $3.00 100; small-flowering or button variety, 2¼-in., $2.00 100. Our pamphlet containing description, with cultural directions, of over 125 varieties, mailed free. R. Vincent Jr. & Son, White Marsh, Md.

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Rivers' fruit trees, vines, figs, oranges and all orchard-house trees; a large and select stock always on hand; illustrated descriptive catalogue for 6c.
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ORCHIDS.
All Mexican sorts are sold by
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

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1 specimen Chamaerops Thun., 7 ft. high, 6 ft. spread, 20-in. tub. 1 specimen Corypha Australis, 6 ft. high, 5 ft. spread, 16-in. pot. 1 specimen Chamaerops, 9 ft. high, 8 ft. spread, 22-in. tub. 2 specimen Phoenix tenuis, 6 ft. high, 14-in. tub. 2 specimen Latania borbonica, 5x5 ft., 14-in. pot. 2 specimen Dracaena indivisa, 8 ft. high, 12-in. pot. 2 specimen Latania borbonica, 6 ft. high, 6 ft. spread, 18-in. tub; height includes tub.
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LATANIA BORBONICA. Per 100:

2-in. pot, seed leaves	$ 3.00
3-in. pot, 15-18-in., 2-3 chr. lvs	12.00
5-in. pot, 18-20-in., 3-4 chr. lvs	15.00
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Sherman Nursery Co., Charles City, Iowa.

Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00; 6-in., $15.00 per doz.; from 7-in. and upward, at $1.75 to $35.00 each.
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Fine palms. Per 100:

150 Kentia Forsteriana, 3-in. pots	$12.50
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100 Latania borbonica, 5-in. pots	25.00

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Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 25 to 35 in. high, 75c to $1.00 each.
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Kentias Belmoreana and Forsteriana, 3-in., cool-grown, 5 to 6 leaves and dwarf, $12.00 100.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Palms. Kentia Belmoreana from 3-in., strong, $15.00 per 100.
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Palms and other decorative plants.
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Philadelphia-grown palms. Write.
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Kentia palms. Large assortment.
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Pansies and English daisies in bloom, $2.00 100. Cash. I. Merwin Rayner, Greenport, N. Y.

Pansy plants, $8.00 per 1000.
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Passifloras Pfordii and coerulea, 3-in. pots, 75c doz., $5.00 100.
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Peonies a specialty. The best French collection. Strong plants, all true to name. Catalogue free. A. Dessert, Chenonceaux, France.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
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Peonies, over 1000 sorts, large acreage.
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Peonies, 400 kinds, some of the finest.
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The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Petunias, double fringed, 2½-in., $1.50 100. Cash. Buckley Plant Co., Springfield, Ill.

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Poinsettias, July and August delivery. Strong 2½-inch, $6.00 per 100, $50.00 per 1000. Strong 3-inch, $8.00 per 100, $65.00 per 1000. 25 at 100 rate. Terms cash. Satisfaction guaranteed.
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Poinsettias, July and August delivery. 2½-inch, $6.00 per 100; 3-inch, $8.00 per 100. Terms cash. Satisfaction guaranteed.
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Poinsettias, 2½ and 3-in. pot plants, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate.
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Chinese primroses, large flowering, fringed, no better strain, 2-in., $2.00 per 100.
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Improved Chinese primroses, from finest seed, $2.00 per 100; July delivery.
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Primroses Chinese, obconica, Forbesi, ready July, $2.00 100. Cash.
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The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
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Rose plants.		100	1000
American Beauty,	2½-in. pots	$5.50	$45.00
American Beauty,	3½-in. pots	7.00	60.00
Brides,	2½-in. pots	3.00	25.00
Brides,	3½-in. pots	4.50	35.00
Bridesmaids,	2½-in. pots	3.00	25.00
Bridesmaids,	3½-in. pots	4.50	35.00
Liberty,	2½-in. pots	5.00	40.00
Golden Gate,	2½-in. pots	3.00	25.00
Sunrise,	2½-in. pots	4.00	30.00

2-year-old plants from benches. American Beauty, Brides (grafted stock), Bridesmaids (grafted stock), $6.00 100, $50.00 1000.
Special discounts on large lots.
Benthey-Coatsworth Co., 35 Randolph St., Chicago.

Maids, Brides, Gates, 2½-in., $2.50 100; $20.00 1000. Perles, 2½-in., $3.00 100; $25.00 1000. Maids, Brides, Gates, Perles, 3½-in., $45.00 1000. Beauties, 2½-in., $40.00 1000; 3½-in., $55.00 1000. Cut back bench Beauties, elegant stock, $35.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS. Strong stock from 2½-in. pots. UNCLE JOHN, $20 100; $150 1000.

	100.	1000.		100.	1000.
Mme. C'nay.	$5.00	$40.00	Maid	$2.50	$20.00
Sunrise	5.00	40.00	Bride	2.50	20.00
Kaiserin	2.50	20.00	Perle	2.50	20.00
Liberty	5.00	40.00	G'den Gate.	2.50	20.00
Ivory	2.50	20.00			

American Beauty, 3-in., $6.00 100; $50.00 1000.
American Beauty, 2-yr.-old, from bench, $6.00 per 100; $50.00 per 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. REINBERG, 51 Wabash Ave., Chicago.

My 2 and 3-in. roses are large, clean, fine plants. At the prices quoted they will move quickly, so don't delay.

Liberty, 2-in.	$5.00	100;	$45.00	1000
Bridesmaids, 2-in.	2.50	100;	20.00	1000
Brides, 2-in.	2.50	100;	20.00	1000
Perles, 2-in.	3.00	100;	25.00	1000
Golden Gates, 2-in.	2.50	100;	20.00	1000
Ivory, 2-in.	2.50	100;	20.00	1000

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Surplus roses. Lamarque, Clo. Soupert, Mrs. Robt. Peary, Boq. of Gold, Duchesse de Brabant, Helen Gould, Mosella, Ivory, Striped La France, Reine Marie Henrietta, The Bride, Princess de Sagan, Bridesmaid, Mrs. Lovett, Catherine Mermet, Frances E. Willard, Bessie Brown, Chromatella, Etoile de Lyon, Climbing Clothilde Soupert, Yellow Rambler, White Rambler, Pink Rambler, Papa Gontier and Golden Gate, nice plants from 2-in. pots, $2.00 per 100. Ball of Snow, 2½c.
The Fairview Floral Co., Beatty, Ohio.

Philadelphia Rambler, the most magnificent of the hardy crimson climbing roses. The flowers are exceedingly bright, very double, lasting and durable and of perfect form. It does not fade, bleach or look washed out, but holds its dazzling color to the last. Has handsome foliage, and is not subject to mildew. The Philadelphia blooms about two weeks earlier than Crimson Rambler. 2½-in., 85c doz.; $6.00 100; $50.00 1000. 4-in., $2.00 doz.; $15.00 100.
Conard & Jones Co., West Grove, Pa.

Clearing sale of choice rose plants:

2000 American Beauties, 2½-in.	$40.00	1000
5000 Chatenay, 3-in.	50.00	1000
4000 Brides, 2-in.	25.00	1000
4000 Maids, 2-in.	20.00	1000

12,000 American Beauty plants from benches, $25.00 per 1000. 12,000 Maids and Brides, grafted plants from benches, $25.00 per 1000.
Guaranteed choice, clean stock, well grown.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Special low prices to close out. Fine strong 3-in. Brides, Maids, Ivory, Gates, $5.00 100; $45.00 1000. Perles, Meteors, $6.00 100; $50.00 1000. Beauties, $7.00 100; $60.00 1000. 2½-in. Brides, Ivory, $2.50 100; $25.00 1000. Perles, $3.00 100; Beauties, $4.00 100. A few hundred bench Beauties cut back and established in 4-in. pots, fine to plant now, $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTIES, clean and healthy. The prices are low, but the stock is equal to the best.

3-in.	$6.00 per 100; $55.00 per 1000
4-in.	8.00 per 100; 75.00 per 1000

If not absolutely satisfactory, return stock and money will be refunded. Send $1.00 for samples, if dubious.
Grand Rapids Violet Co., Grand Rapids, Mich.

ROSE PLANTS. 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

Maids, 2½-in., $3.00 per 100, $25.00 per 1000; Gates, 2½-in., $2.50 per 100, $20.00 per 1000; American Beauties, 3½-in., clean, thrifty plants, $8.00 per 100; Gates and Ivory, 4-in., $8.00 per 100. Surplus from our own planting, healthy and vigorous.
Wm. B. Sands, Lake Roland, Baltimore, Md.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $60.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

LA FRANCE, fancy stock, large plants, 2¼-in., $3.00 100; 3-in., extra fine, $4.50 100.
KAISERINS, extra strong, 2¼-in., $3.00 100; 3-in., $5.00 100.
AMERICAN BEAUTIES, from benches, stocky and in fine condition, $5.00 100, $45.00 1000. Honaker The Florist, Lexington, Ky.

Roses. Surplus stock. Brides, Maids, Golden Gate, Ivory, Meteor and Beauties, from 3-in. pots, $3.00 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Rose plants, 2½-in. rose pots, $3.00 100. Brides, Maids, Meteors, Gates, Ivory. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

ROSES—Continued.

Roses Marechal Niel, The Bride, Ball of Snow, 2½-in., $2.50 100; $20.00 1000. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snow Flake, 2½-in., $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

American Beauties, 3-in., 2½x3 and 2x2½. All kinds of teas. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, G. Gate, Liberty, Carnot and a few Meteors. Stock A1. Prices right. Geo. A. Kuhl, Pekin, Ill.

MAIDS and BRIDES, 2-in., $20.00 1000. METEOR, 2½-in., $15.00 1000. AMERICAN BEAUTY. 3-in., $40.00 100. AMERICAN BEAUTY bushes, 1-yr.-old, from benches, $4.00 100.
J. A. Budlong, 37 Randolph St., Chicago.

10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
J. F. WILCOX, Council Bluffs, Iowa.

275 Bridesmaids, 100 Bride, 100 Golden Gate, 3-in. pots. 500 Bridesmaid, 600 Bride, 350 Golden Gate, 550 Ivory, 2¼-in. pots. Good stock. Write for prices quick.
C. L. Reese, Springfield, Ohio.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100; $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses, 2½-in. for field planting, $3.00 per 100. Gen. Jacq., Coq. des Blanches, Capt. Christy, Hermosa, Vicks Caprice, P. C. de Rohan. C. M. Niuffer, Springfield, Ohio.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride. Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

Maids, Brides and Golden Gates, 2½-in., $3.00 per 100. 600 fine, clean Meteors, 3-in. pots, just right to plant at once, $8.00 per 100.
Walker & McLean, Youngstown, Ohio.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La Reine, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid, 3-in., $4.00 100; $35.00 1000. Clean stock. Write for sample and be your own judge of their value.
George E. Campbell, Flourtown, Pa.

Brides and Maids, 1500 of each; large bushy plants, 2½ and 3-in. pots, $20.00 per 1000; must close out to make room.
H. Bornhoeft, Tipton, Ind.

A few choice Bride and Bridesmaid from 3 and 4-inch pots, large and healthy, 3-inch $3.00 100, 4-inch $3.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

500 of the new Dorothy Perkins pink rambler rose, out of 4-in. pots, 12 to 20 in. high, $6.00 100; $10.00 200. Cash.
Geo. E. Ward, Beverly, Mass.

Strictly fancy American Beauty and Perle roses, as well as other varieties, can be had at once by writing
Geo. A. Kuhl, Pekin, Ill.

Cherokee rose, splendid for hedges or lawn clumps; perfectly hardy, $4.00 per 100; $35.00 per 1000. T. Robertson, Port Allen, La.

Grafted Meteors in 2½-in. and 3-in. pots, repotted from 2-in. pots, extra fine stock. $12.00 100. A. N. Pierson, Cromwell, Conn.

Kaiserins, good strong plants from bench, $5.00 per 100 or $40.00 for the lot of 930 plants. A. C. Canfield, Springfield, Ill.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100.
J. L. Dillon, Bloomsburg, Pa.

Brides, Maids, Perles, Golden Gate, from 3-in., strong selected stock, $3.50 per 100.
W. L. Rock Flower Co., Kansas City, Mo.

Surplus stock. Ivory, Maids, Brides, Gates, Beauties, 3-in., $5.00 per 100.
Stuppy Floral Co., St. Joseph, Mo.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
A. M. Schafer, 229 Balmoral Ave., Chicago.

500 American Beauty plants from 3-inch pots, in fine condition, $7.00 100.
J. Henry Bartram, Lansdowne, Pa.

Bridesmaids, fine plants, 1000 2½-inch $20; 1000 3-inch, $22.00. Cash.
Gollan & Wolf, Downers Grove, Ill.

Rose plants. Extra fine 3-in., Brides and Maids, $5.00. Cash.
Central Greenhouses, Sandusky, Ohio.

ROSE STOCKS.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves for July delivery, $16.00 per 100; $150.00 per 100. Less than 100, 75c.
A. C. Oelschig, Savannah, Ga.

1 doz. large ficus, branched, $12.00; 2 doz. large ficus, per doz., $9.00. These are good plants, 3 to 4 ft. high.
Crown Point Floral Co., Crown Point, Ind.

SALVIAS.

Surplus stock. Salvias, 3-in., $4.00; 4-in., $5.00 per 100. John C. Ure, 2843 Evanston Ave., Chicago Ill. Phone Graceland 901.

Salvia splendens, 2½-in. strong, $2.00 per 100; 2-in., light, $1.00 per 100. Cash.
James H. Cornell, Asbury Park, N. J.

500 Salvia splendens, 2¼-in., $2.00 per 100. Cash. E. C. Boss, Honesdale, Pa.

Salvia Bonfire, 2½-in. pots, 50c doz., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

SANTOLINAS.

Santolinas, fine, large plants, 2½-in., $2.00 per 100; fine for ribbon bedding.
Geo. M. Brinkerhoff, Springfield, Ill.

SEEDS.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ⅛ oz., $5.00 oz.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00.
A. T. Boddington, 35 Warren St., New York.

Primula sinensis fim., English grown, trade pkt., 50c. P. Forbesi, trade pkt., 25c. Cineraria hyb. grand., trade pkt., 50c. Calceolaria hyb. grand., trade pkt., $1.50. All types, including self-colored, tigered, mottled, variegated, spotted, Gloxinia grand., trade pkt., 50c. Exclusive French hyb., including Fire King, Defiance, Frederic, etc.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

English Prize strains of CALCEOLARIA, CINERARIA and CHINESE PRIMROSES.
English Prize, mixed, calceolaria and cineraria, half trade pkt., 50c; trade pkt., $1.00. Primula (Chinese primroses), English Prize fringed, mixed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Johnson & Stokes, 217-219 Market St., Phila.

Pansy seed. Brown's extra select superb giant prize pansy seed, my own growing, mixed, 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00; ¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00. Cash. Plants ready Sept. 1.
Peter Brown, Lancaster, Pa.

Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.
HENRY METTE, Grower and Exporter of Choice Flower Seeds, Quedlinburg, Germany.

Chinese fringed primrose, white, white with yellow eye, crimson, blue, pink, fringed mixed and fern leaved mixed, each 50c per pkt. Obconica grand., mixture of white, rose, lilac and carmine, 25c pkt.
W. C. Beckert, Allegheny, Pa.

Michell's seeds. Primula Buttercup, 500 seeds, 60c; trade pkt., $1.00. P. sinensis, sep. colors, ½ trade pkt., 60c; trade pkt., $1.00. Cineraria, prize strain and Exhibition pansy, ½ trade pkt., 60c; trade pkt., $1.00
H. F. Michell Co., 1018 Market St., Phila.

Perret's giant pansies, with flowers of extraordinary size, reaching 3 to 3½-inches in diameter. Trade pkt., 3000 seeds, $1.00; half pkt., 50c; oz., $4.00; ½ oz., $2.50.
N. Le Page, Mt. Vernon, N. Y.

Zirngiebel's giant pansies. FANCY and MARKET strains are the finest in the market. New crop seed, in trade packets at $1.00 each for either strain, ready now.
Denys Zirngiebel, Needham, Mass.

Van Nämen Bros.' Excelsior Holland grown cabbage seed, per lb., $1.10; 10 lbs., $10.00. Cauliflower, per ¼ lb., $1.50; per lb., $5.00.
C. H. Joosten, 201 West St., New York.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
Drake Point Greenhouses, Yalaha, Florida.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Giant pansy seed. New crop, choice mixed, finest strain. Trade pkt., 5000 seeds, $1.00.
W. H. Newman, Akron, Erie Co., N. Y.

A choice line of selected FLORISTS' SEEDS. See display adv. for varieties and prices.
H. H. Berger & Co., 47 Barclay St., N. Y.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
A. T. Boddington, 35 Warren St., New York.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO, Boston, Mass.

New crop pansy seed, $4.00 per oz., ¼ oz. at 1-oz. rate.
California Carnation Co., Loomis, Cal.

Giant pansy seed, choice mixed, per trade packet, $1.00. Beaulieu, Woodhaven, N. Y.

For native seeds and bulbs, send for price list to L. E. Williams, Nottingham, N. H.

Asparagus plumosus seed, $4.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SMILAX.

Smilax. 2000 fine, clean plants. 2½-in., $2.00 per 100; $18.00 per 1000. 500 at 1000 rate. Cash. Sample 5c.
John Beimford, Wilton Junction, Iowa.

Smilax, 2½-in., fine as silk or no pay, $2.00 per 100, and you will have to hurry. Cash with order.
McDonald & Steele, Crawfordsville, Ind.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

230 extra fine, bushy, 3-in. smilax plants, 3c each or $6.00 for the lot.
O. L. Baird, Dixon, Ill.

Smilax, 2¼-in., strong and healthy, $1.75 per 100; $15.00 per 1000.
H. M. Totman, Randolph, Vt.

Smilax from flats, transplanted, $1.50 per 100; $12.00 per 1000.
Walker & McLean, Youngstown, Ohio.

Smilax, extra fine, strong plants, 3-in. pots, $2.00 100. Cash.
J. Van Lindley Nursery Co., Pomona, N. C.

Smilax, from 2¼-in. pots, $1.25 100, $10.00 1000. Cash. Buckley Plant Co., Springfield, Ill.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax from 2½-inch pots, $1.50 100.
A. L. Thorne, Flushing, L. I., N. Y.

Smilax, 2-in., $1.25 100. Cash.
G. W. Renard, Avondale, Pa.

1000 smilax, $1.25 per 100.
Jos. H. Cunningham, Delaware, O.

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NITRATE OF SODA.

It is scarcely necessary to say that this is a most useful stimulant, and of all artificial manures none gives quicker results or needs using with more care and discretion. Much damage is often done by those using it without a proper knowledge of its nature and effects. An ounce to the square yard is 250 pounds to the acre, and this is the utmost that should ever be applied at one time, and it would be better to give only half an ounce, and repeat the dressing a fortnight later. It is a very soluble manure, and hence of quick action, though, on the other hand, it is soon washed down into the subsoil, out of the reach of the roots. Its effect is seen in the dark green color of the foliage, and this increased vigor is communicated to the roots, thus enabling them to lay hold of the more or less insoluble plant food of the soil with greater power, and to dissolve it by the action of the root-sap.

Farmers say nitrate of soda is an exhausting manure, and doubtless it is, by virtue of its increasing the power of the plant to absorb the plant food in the soil. Of course, it is only a partial manure, but provided a good supply of phosphate is applied also, and there is a fair amount of potash in the soil, as there usually is in any repeatedly manured ground, there need be no fear of exhausting the soil, while very good results will be obtained by its judicious use.

Nitrate of soda is often very lumpy, and it should always be broken up before using, so that there are no lumps bigger than peas. It has the effect of lowering the temperature of water, and therefore, of the soil containing it. Anyone can prove this for himself by dissolving some in a pail of water. When used as a liquid manure half an ounce to the gallon of water is sufficiently strong, and if the soil is very dry it would be best to give some plain water first, or some of the tender rootlets may be damaged. In scattering nitrate on the soil care should be taken that it does not rest on the leaves of plants in active growth, as it will injure them if it does.

Care is especially necessary in applying nitrate to fruit trees. It should never be given them unless they are carrying heavy crops of fruit, or it will induce rankness of growth at the expense of fruitfulness. It should not be given to them after July in any circumstances, as it will cause a late summer growth, which never becomes properly ripened, and is, therefore, not fruitful. Some fruit growers give a small dressing of nitrate just before the trees blossom, to aid in setting the fruit—a rather critical time in cold springs. Tomatoes should not receive nitrate until two trusses of blossom have set their fruit, or it will induce too much growth. Afterwards it causes the fruit to swell very rapidly. The carrying of the fruit insures a well-balanced growth. With vegetables, where we want vigorous growth and cannot well have too much of it, the case is different. With all the cabbage family good returns follow the use of nitrate, half a pound to the twenty square yards being applied every two or three weeks during the growing season until August when we want the growth to harden. Beets, onions, carrots, and parsnips should have a dressing twice during the season at the same rate, early in June, and again in July. It is as well to lightly hoe it in. Peas and beans do not need nitrate. Asparagus profits by a dressing of nitrate, not only during the cutting season, but during the summer, too, when it is storing up plant food in the roots for the growths of the following spring. The same with rhubarb.

With flowers a good deal of discretion is necessary in the use of nitrate, as in some we prize vigorous foliage, and in others we want as much bloom as possible, and do not mind how little foliage there may be, while if there is much rank foliage we do not secure so much blossom, as, for instance, with geraniums. Most annuals are more or less greedy feeders, and will profit by having a little nitrate lightly worked in the soil among them, and watered in. If they have a sufficiently well-cultivated soil to give them a good root run, they make a splendid response to it, but if the worked soil is shallow, as it often is among perennial plants, and the plants have not been properly spaced out, it only increases their weakness and untidy tangle.—Alger Petts in the Gardeners' Chronicle.

Rock Island, Ill.—Henry Meyer is now sole owner of the Longview Floral Co., his partner, Wm. Behring, having retired.

Rochester, N. Y.—John Fay Kennell, the gladiolus grower, still retains his old address at this postoffice for his business mail.

TARRYTOWN, N. Y.

Following is a list of the prize winners at the June show of the Tarrytown Horticultural Society, which was held June 14.

Vase of hybrid perpetual roses, not to exceed fifty blooms, Gen. Howard Carrol's prize, $25, won by David MacFarlane, Scarborough.

Collection of flowers cut from hardy perennials, Mrs. H. Draper's prize, $20, won by D. MacFarlane.

Collection outdoor roses, E. Buckhout's prize, ice pitcher, won by H. Nicholls.

Six varieties outdoor roses, six of each, C. H. Curtis' prize, silver butter dish, won by A. Grierson, gardener for H. Arnold, Portchester.

Three varieties outdoor roses, six of each, A. Bourn's prize, pipe, won by Jas. Ballantyne, gardener for Mrs. Geo. Lewis, Tarrytown.

Twelve outdoor roses, any one variety, Russell Lawrie's prize, cigar case, won by H. Nicholls.

Vase roses, W. F. McCord's prize, military brushes, won by A. Wissenberger, gardener for H. Willetts, White Plains.

Display of outdoor climbing roses, J. S. Lockett's prize, fountain pen, won by A. Grierson.

Antirrhinum, Geo. Vare's prize, box of cigars, won by Jas. Ballantyne.

Collection of flowers cut from hardy shrubs, A. P. Husted's prize, umbrella, won by Jas. Ballantyne.

Collection sweet peas, B. Huston's prize, box of cigars, won by Jas. Ballantyne.

Several special exhibits awarded certificates of merits were those of F. S. Pammer and the F. R. Pierson Co., among which was the new fern, which is a very great improvement on Nephrolepis Piersoni.

Second prizes were awarded to Mr. Grierson for display of perennials and for collection of roses.

There were several fine exhibits of vegetables, strawberries, etc.

This was the best June exhibition this society has ever given and much credit is due to F. S. Pammer for the very able management of the show.

F. A. L.

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The following are books which can be recommended, each as the standard work in its own field:

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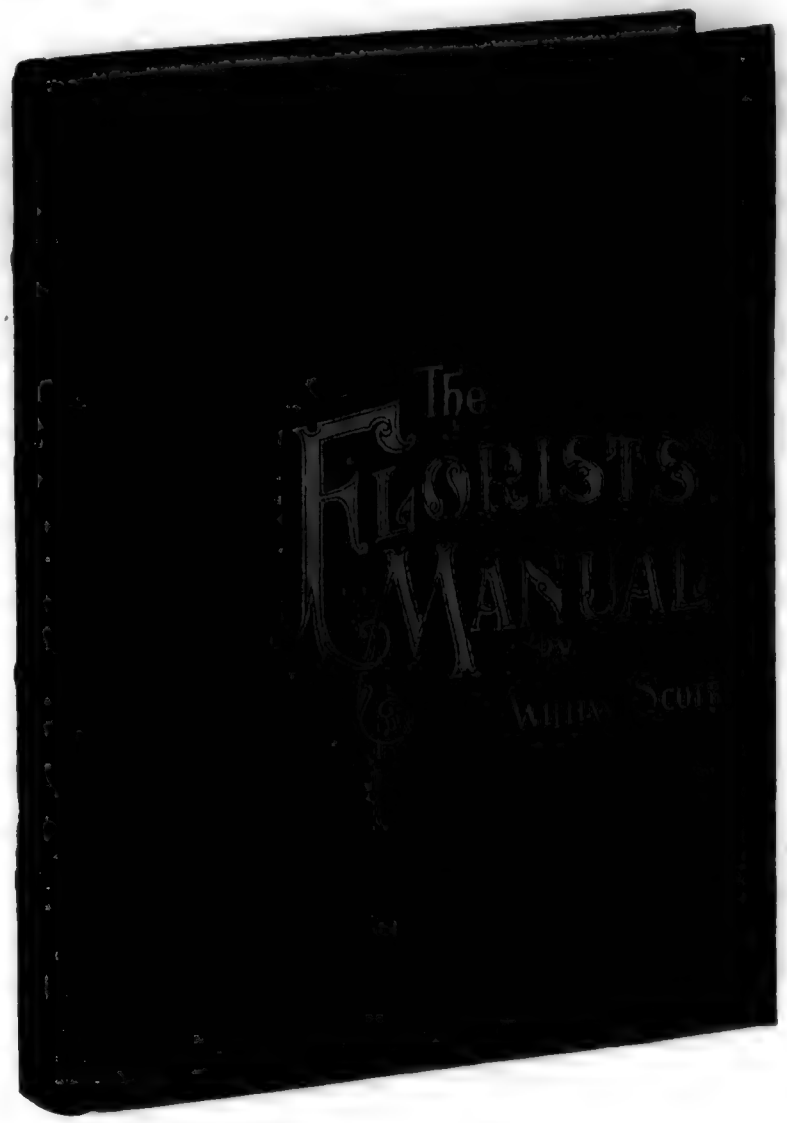
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Martinezia
Maurandya
Metrosideros
Mignonette
Mimulus
Moon Flower
Mulching
Mum
Myosotis
Nepenthes
Nierembergia
Oleander
Orchids
Othonna
Oxalis
Packing Flowers
Packing Plants
Paeonia
Palms
Pandanus
Panicum var.
Pansy
Pelargonium
Peperomia
Perilla
Petunia
Phlox
Pinks
Poinsettia
Potting
Primula
Rhododendron
Richardia
Ricinus
Roses
Salvia
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Sedum
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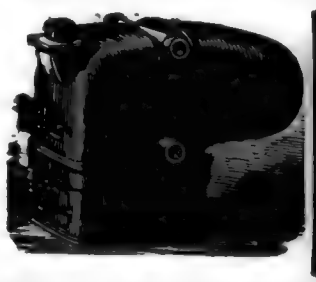
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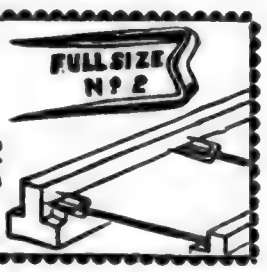
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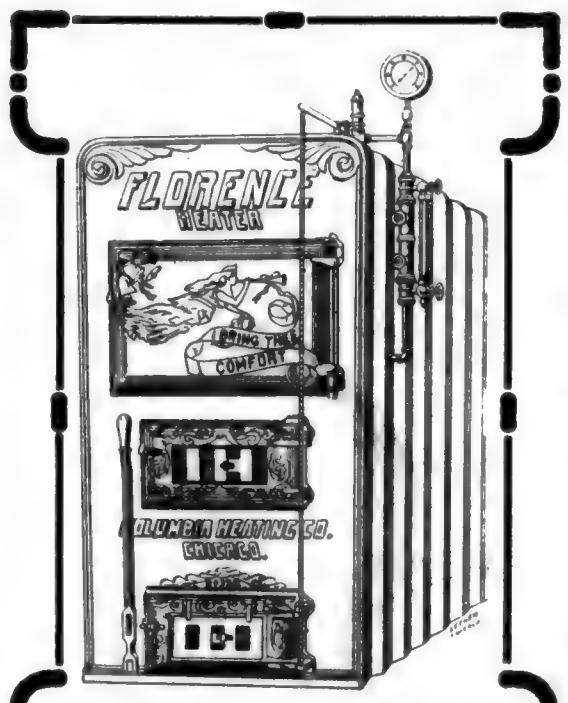
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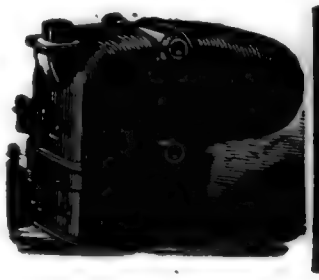
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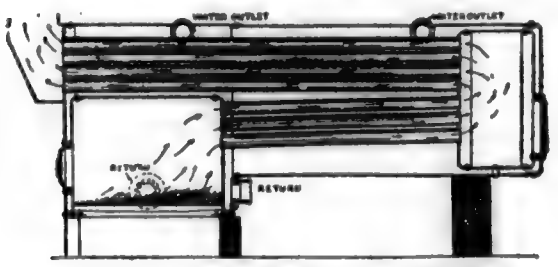
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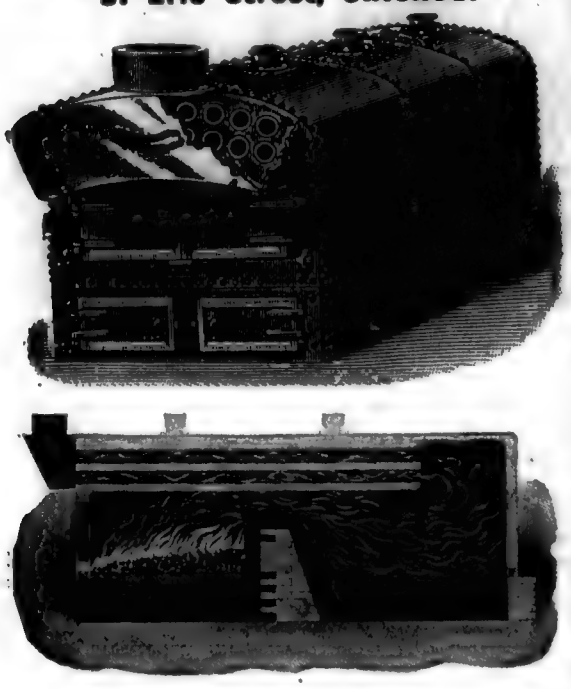
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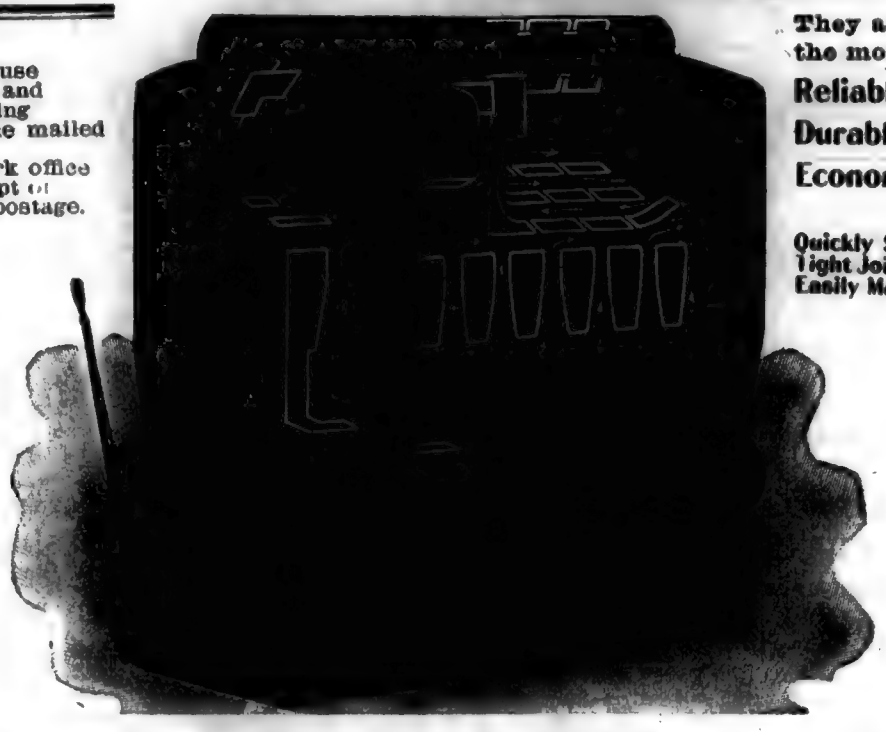
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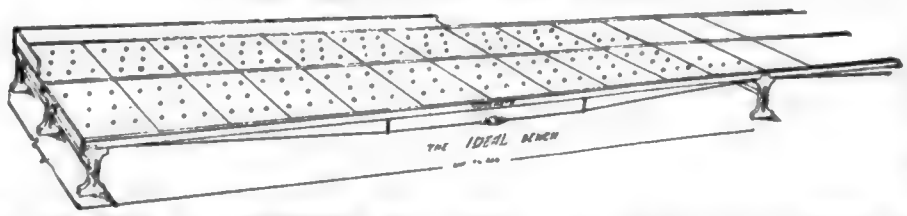
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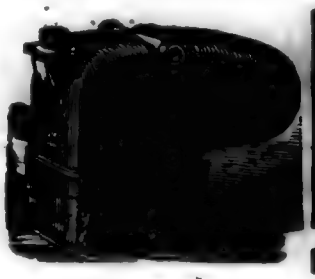


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BEGINNINGS IN DESIGN...

THE HARP.

A Large Piece Loosely Trimmed.

This frame is lined and filled and covered like the one in our last study. The strings are bronzed before any of the flowers or green are put in. The cutting of the second string may be done at any time before or after the piece is finished by snipping with heavy nippers. After covering the frame with the usual green background, trail smilax from the right hand corner of the scroll which forms the top of the frame, around all the outside edge to the base, excepting the upright column which forms the right hand side of the harp. A new feature of this design is the heavy lining of the lower edge of the top. The material is white carnations. Why this is done on this particular part of the harp, rather than on any other, is that this is the thickest and most massive part of the piece. The background of the entire piece is of Lord Beaconsfield pansies. Stem these singly on half picks, observing the same general directions for stemming as have been given for roses. Set the pick about half an inch below the flower. You will find it convenient to have some fine wire cut in about 4-inch lengths for stemming flowers of this size. Fill the right standard of the piece solid with the pansies on three sides of the frame, front and two edges. Extend this background down well onto the base to make a higher effect and thus lend a stately air to the piece. Cover the front and inside edge of the opposite side of the piece and the front of the top with the same background of pansies. This finished, you have so far a harp of blue pansies with a lining of white under the top. This is the harp proper. The base should have only the plain green background.

The Trimming.

According to the principle for cutting and stemming roses discussed previously, prepare Bride roses for the top cluster, the left side and the base. Select the larger and more fully blown for the thick part of the scroll which forms the top of the harp. Set them in rather closely, allowing two or three to straggle downward over the pansy background of the right standard. Just where this cluster is, is the heaviest part of the piece, except the base. Develop this proportion by bulking the cluster right at this point, and gradually thinning the spray as it turns upward to the left and then falls to the slender part toward the left end of the top, where the frame is narrow enough to admit of but a single line of buds. Considerable care will be needed at the thick part of the cluster to turn the roses both ways.

Leaving a perceptible interval between the tip of the top cluster and the start of the cluster which trims the left side, follow the proportion and direction of the left side of the frame with a cluster to suit. This second cluster droops, but does not cover the entire background of the left side. It ends rather more abruptly at the bottom than the top cluster, and is not so marked in its character. The upper tip of this cluster was composed of cape jasmine. A third cluster takes its source at the base and completes the rose trimming of the piece. The lower portion of it is set in rather closely on the base, and about a half dozen of long, unequal length stems train up toward the cluster on the left side above, while the longest and most graceful rose of all is pinned against the inside of the right standard and falls loosely in between the strings. To either side of the base are attached two or three drooping roses falling according to their own sweet will.



The Harp.

The Base.

To balance the heavy appearance of the slanting standard, start a group of lines to the right of the base, springing from it. Long stemmed cyperus leaves and clusters of marguerites with foliage and buds serve this purpose well. Stem the cyperus leaves singly on whole picks inside the lower ends of the stems, and the marguerites in groups of from three to five or six on a pick. Select various length stems for each group. Scatter them from the extreme right of the base through among the roses and the strings of the harp. Where there is as good a support as the harp string, seize the opportunity to wire them to the support somewhere behind a leaf where the tie cannot show. Intensify the color effect by planting a group of the daisies against the lower end of the pansy standard. Do not be over-anxious to display a full front view of every flower, but let one here and there be modestly disappearing. Insert from the rear of the base two or three more long cyperus leaves, so that they will appear in perspective behind the strings. This will add depth and distance effect so often lacking in floral designs.

If any difficulty occurs in holding such trimming as the cyperus leaves and the marguerites in place, guy them to the frame with a single strand of No. 36 wire. A few feet away this can never be seen.

Have the harp strings as fine as possible. This is the reason the bronzed wire is to be preferred to strands of green.

An Important Requirement.

One of the most important requirements of a good floral design is a uniform background which conforms strictly to the outline of the piece. One of

the most pertinent criticisms that is made on a loosely arranged design is that the form of the piece is not distinctly preserved. But it is possible to construct a well-defined piece and still work in plenty of art. Construct first, trim last. In the harp herewith presented the rose clusters seem to cling to rather than form the piece, and that is their sole mission here.

Other color combinations for this same piece might be something like the following: Perle roses and bronze pansies shaded into dark brown, dark at the base and lighter on the top. Marguerites would be just as appropriate, and even more so with the yellow and brown; Bridesmaid or La France roses with dark purple pansies; silvered strings with violet and white. Gertrude Blair.

NEW DAHLIAS.

Among the notable novelties of the year 1904 are the set of dahlias of H. Hornsveld, of Baarn, Holland, which were awarded a first-class certificate of merit by the Dutch Horticultural Society. These very large-flowering single or semi-double varieties have extra long stems and are therefore a valuable acquisition for those who grow dahlias for cut flower work. The four varieties which were certificated are:

Queen Wilhelmina, pure white, very large flowers, borne on extra long stems, far above the foliage; Duke Henry, of a soft red color, on stems like the preceding; G. Baron de Grancy, cream white, half double flower of excellent form, the inner petals bent a little inward; Glory of Baarn, soft rose with pink reverse, a magnificent variety and very free flowering.

These varieties will be exhibited at the Dusseldorf international exhibition this summer and will afterward be distributed to the trade by H. Copijn & Son, of Groenekan, Utrecht, Holland.



CARRIED-OVER STOCK.

We have some fine Bridesmaid and Bride roses at the present time, grown in our greenhouses the second year. We gave the roses a rest of four weeks, cutting them back to about one foot and started in earnest, and forced them out the first week in June. The eyes broke out nicely, about one-third of them having a thin, yellow look. We removed the old soil, but not deep enough to disturb the roses in the least, and filled same up again with good fresh soil. Kindly advise what you think of the situation? Do you think they will turn out better next month, or would you suggest putting them out and replanting them? Kindly advise the best and most profitable way to do. C. E. S.

This method of culture, as I have often pointed out, requires a greater amount of skill, attention and labor than young stock requires and, unless carried out by an expert, the results are seldom satisfactory. Some few experts who have adopted this method have had wonderfully good results, but the majority of growers are content as yet to experiment along these lines on a very limited scale.

These roses were apparently treated all right up to a certain point, where they were forced out the first week of June. By reducing the stock to a semi-dormant condition, forcing, which should never under any conditions be applied to a rose, was where the mistake was made.

After the first good watering was given, water should have been applied very sparingly; in fact, little more than a syringing twice a day during bright weather being necessary until root action was again well established, a fact which would be indicated by the appearance of well developed leaves of a good texture and color and young wood of a firm and stocky character. Then watering could be gradually resumed and full ventilation be given.

The indications are that they have been subjected to too high temperature and have been given too much water before they were in a fit state to use it. It is possible that with judicious care in watering and ventilating they may do better next month, but where root action has been destroyed as has evidently been the case and as the season is well along the prospects for success would be greater if the house were replanted with young healthy stock.

Ribes.

PLANTING BEAUTY.

In my notes in the Review of June 16, when advising the early or rather June planting of Beauties, I had before me copies of the records of Beauty crops for some years back. These records were taken from houses planted as early as April and as late as the end of July and at intermediate dates and the balance has in all cases been in favor of June planted stock. Keeping in touch with some of the largest and best Beauty growers in the country, and occasionally feeling their pulse, I have found that this is the prevailing idea and one which is largely acted upon.

In the Review of June 23 "Phil" points out that by keeping to this method we are apt to get into a rut, a fact which I cheerfully admit, but when this same rut leads to success we do not need to care how deep it is. He instances one of our best and largest growers as having left that rut and successfully made one for himself. No doubt there are a great many things to be learned in Beauty growing and, personally, I am glad to hear of any new departure which has proved a success, only this with me, as with many others, is no new departure.

Granted that during the spring months this late planted stock produces large crops of most excellent quality, by the time the plants are ready to do this they are handicapped so far in number of blooms cut, when compared with the earlier planted stock which has been doing yeoman's duty during November, December and January, when prices also are at the best, that, all else being equal, they cannot, as my records prove, produce nearly so many dollars by the end of the season. Moreover, if the earlier planted stock be handled as skillfully as their younger congeners they are capable of producing as good crops during the early summer months.

One of our principal reasons for June planting is that the young stock, in the freer possibilities of the bench, are less liable to receive a check than if allowed to remain in the pots during the hot days of June.

As "Phil" correctly surmises, my experience of late years has been in the middle west, where we were accustomed to excessive heat during June (these conditions are materially altered during the past three years) and consequently my notes would naturally be more likely to suit conditions there, but as I have now joined the ranks of eastern growers my opinions are liable to considerable modifications, and as my stock will this year be all of late July planting I will have ample opportunity to test this theory. Having no early planted stock with which to make comparison, I will still have to rely on past experience, which proves that in all but a few cases the June planted stock is the most reliable and as compared with stock planted in July the most remunerative.

Ribes.

NEWPORT, R. I.

The Newport Horticultural Society held a very successful rose show on June 21 and 22. The display of roses to fill a space of six feet by three feet was an excellent one. The first prize, a silver cup, went to E. T. Gerry, Arthur Griffin, gardener, for a very artistically arranged stand, his Mme. Gabriel Luizet being very fine. There were five other entries in this class. Mr. Griffin secured a silver medal for a table of nicely flowered plants of the new everblooming rambler, Mme. Norbert Levavasseur. He also received a number of other prizes in the classes for table centerpieces and foliage plants.

Most of the rose classes were well contested. Gardenias, which are prime favorites in Newport, were also well shown. First prize for the best corsage bouquet from assistant gardeners went to one containing gardenias. Vegetables were well shown and some good fruit was staged. In Mr. Griffin's winning collection of strawberries, the English varieties, Laxton's Noble and Royal Sovereign, were extra good. John Ash, gardener to



View of the Exhibition at Newport, R. I., June 21 and 22.

Miss E. J. Clark, Pomfret Centre, Conn., received a silver medal for a collection of fruit which included Diamond Jubilee, Foster's Seedling, and Black Hawtro grapes and peaches. Diamond Jubilee grape received a certificate of merit.

In the way of miscellaneous exhibits, F. R. Pierson Co. was awarded a silver medal for their new dense sport of Nephrolepis Piersoni. John Scott re-received a certificate of merit for Nephrolepis Scottii. M. H. Walsh showed some of his new seedling rambler roses, which included Carissima and Wedding Bells. These received a silver medal. Mildred Grant was also shown by him and received a certificate of merit. D. McIntosh had a table of nice seedling dracaenas which were favored with a bronze medal. Blue Hill Nurseries had a fine lot of hardy perennials, and Lager & Hurrell a very pretty table of orchids. Geo. Melvin received honorable mention for a plant of Brassia verrucosa. Certificates of merit were also awarded a specimen plant of Dracæna Godseffiana and to a seedling dracæna in foliage intermediate between indivisa and congesta. The judges were M. H. Walsh, F. C. Green and W. N. Craig. C.

RENEWING THE BENCH SOIL.

Popular Belief in Necessity.

The article under this heading in the REVIEW for June 9, by your able correspondent, Mr. William Scott, has been read with much interest. The question was sent to the REVIEW some time ago, and the thorough consideration which Mr. Scott has given to the question makes the answer of considerably more value.

The question why greenhouse men change their soil for certain crops each year would seem at first a very simple one, but the characteristic answers one is likely to receive in reply to such a question would indicate, as Mr. Scott has pointed out, that most of the florists do not know, or at least have not a very clear conception, why they do this.

As to the matter of using the soil a second season for certain crops, the practice of the best growers is undoubtedly correct, since experience has shown too often that failure results. This fact alone would be a sufficient reason for not using it two years in succession, at least so long as such results follow. All greenhouse soils, however, are not renewed each year. For example, lettuce soils are better the longer they are used and cucumbers and other crops thrive well in old soil. There are in use in Massachusetts to-day some soils which have been utilized for lettuce for twenty-five consecutive years without changing, although such soil may occasionally be used for a crop of cucumbers, radishes, etc.

Reasons for Renewing Soils.

Mr. Scott has enumerated three principal reasons why the same soil is not used the second year. They are reasons which I think would be invariably accepted by good, intelligent growers. These reasons, condensed, are as follows:

First, the crop has taken the essential elements from the soil which they need.

Second, fibre has been utilized and destroyed and mechanical conditions modified.

Third, fungus and insect pests have been increased.

These three reasons are stated more extensively and explicitly by Mr. Scott, but for our purpose we condense the same. In regard to the last two reasons we are in full accord with the writer and it is only the first one that we wish to discuss. Before discussing the matter, however, we will briefly touch upon a few points relating to our experience.

An Experience With Roses.

We have grown American Beauty roses in the same soil for two years and we met with the customary trouble before we had got very far along with the second crop. Our crop was an experimental one, in which we were testing the influence of soil texture on the development of roses, and we did not wish to go to the expense of changing the soil. We were, of course, well aware that we were violating the rules and going contrary to the results of the experience and practice of the best experts, but, since we do not market our plants, failure to grow the crop did not embarrass us. Before, however, we had gone very far with the second year crop about two-thirds of the plants became sickly and many died. Careful examination of the plants showed no fungus or insect enemies at work; neither were there any eel worms. The trouble was one which affected the roots and since no organisms were found we looked elsewhere for the causes of the trouble.

The soil represented variations in texture, and they were taken from different places and mixed with sod and cow manure, according to prescribed formulas. One bench, however, did not have any sod added to it. The second year crop was set in this same soil in August, 1903, the only changes in the beds being the addition of some cow manure very carefully incorporated. No sod was added to the soil at the time of setting the second crop. During the first year, liquid manure was applied as usual but only a limited amount was used during the early period of the second crop. Some soil was taken six feet below the surface of the ground, others were surface soils and others had been used for cucumber crops, etc. It will be seen that the soils were a variable lot and had been used for different purposes, yet as far as the dying of the plants was concerned there was comparatively no difference which could be attributed to the behavior of the soils.

The Cause and Remedy.

The question naturally arises, what

caused the plants to become abnormal and die? Chemical tests of every bed showed such a preponderance of abnormal constituents that it was a wonder that plants could thrive in such soil. The acidity of the soil was in every case high and the amount of sulphates, chlorides, ammonia and nitrates were excessive. Our soil was not treated differently from that of the best growers, except, perhaps, that the plants were not fed so highly as some growers feed them.

In order to apply a remedy for this trouble, all the beds were completely flooded with water and the roses were cut back, with the result that all made a quick recovery and no further loss of plants was experienced. The flooding of the beds lasted from one hour to one and a half hours each. A number of samples of percolated water were gathered and tested. We found by this practice that the acidity was greatly reduced and the excess of sulphates, chlorides, nitrates, etc., was washed out.

Soils Not Exhausted.

These results show that where crops are highly fed the soil becomes filled with various detrimental constituents and causes certain plants to become sickly and die when grown in such soil. Probably in no instance does the rose plant exhaust the soil of any of the essential elements, for greenhouse soils usually contain a large amount of available material at the start and, moreover, they are well supplied with additional food. Lettuce soils seldom appear to get into this condition, although they are liberally supplied with horse manure, containing straw, etc., every year. Occasional troubles are experienced with lettuce and cucumber soil where attempts have been made to apply other kinds of manure and fertilizers.

The writer has started a third crop of roses in the same soil as described, the same having been washed out thoroughly before planting. With the application of sod to increase the fibre there appears to be no reason why roses will not do something in such a soil, but whether this practice would be desirable for commercial growers remains to be seen, or at any rate it remains to be seen whether by washing soils and applying organic matter in the form of decomposed sod we can put them in as good condition as they were at first.

If washing out soils and supplying them with fibre would give as good results as those obtained from newly prepared soil, it would be advantageous in many cases to follow this practice. The rose plant has a limited root development and cannot be considered a heavy feeder. One of the principal reasons why soil has to be changed for such crops is because heavy feeding renders the soil constipated, as it were, and it needs a laxative or a purgative to rectify it. Outdoor roses will stand heavy feeding because there is a better chance of the fertilizer constituents becoming washed out.

G. E. Stone.



CULTURAL NOTES.

Early planted stock is now growing apace and the question of supports must be looked into. Many commercial growers use a cheap string, two-ply jute generally, strung on two wires running parallel with the rows of plants, one wire well overhead and one on the ground. I never cared for this system personally, owing to the practical impossibility of getting the string tight enough to pull the shoots of the plant up close when they showed a disposition to crook in the stem. I prefer wire stakes, supported by stretching one wire for each row of plants to which the stakes are tied. Use some judgment in your staking, putting short stakes on the dwarf kinds (stakes two feet long are high enough for Cheltoni or Donald McLeod) and five or six feet stakes on the Eatons and others of that ilk.

Now that the benches are getting filled with roots considerable water is needed. Soak the soil thoroughly and then do not water again until the plants really need it. This habit of giving a light watering every day is utterly wrong, because while water has got to be applied at certain times to keep the soil moist, the roots of a chrysanthemum work best in a soil that is neither wet nor dry. The delicate feeding roots will all rot when the soil is being perpetually drenched. This condition will be found in pot plants when they become water-logged and is manifested in the benches by the plants making long, soft growth and pale foliage. When a plant is doing well the foliage is dark green and rich-looking.

On bright days, when the temperature runs high, spray the house over three of four times to cool things off a little. We are growing our plants under somewhat unnatural conditions under glass and the mum is not a stove plant by any means. Keep the house as cool as possible. About once a week put a nozzle on the hose that will throw a spray of water upwards and with this give the plants a thorough syringing on the under side of the leaves. It is not on the top of the foliage where the insects find a congenial home, but underneath where the water from the hose, as ordinarily applied, never reaches. I have many, many times found red spider working on the leaves when a casual inspection indicated that the plants were pictures of health.

If any of your plants are showing any tendency to leaf disease try using potassium sulphide, one ounce to two gallons of water. I have great faith in this preparation myself. It will kill mildew or rust and I believe will hold down leaf spot, if the cause, which is generally excessive watering, is removed.

Mildred Ware is showing some tendency to leaf spot, but it is such a grand thing that it will pay to go to a little trouble with it. Keep it pretty well on the dry side, so as to encourage as much as possible the formation of roots. When a plant has a good root system it will generally take care of the top without any trouble.

Brian Boru.

Utica, N. Y.—The establishments of Peter Crowe and Brant Bros. were brought within the city limits by a recent annexation ordinance. They think the advantages of fire and police protection more than compensate for added taxes.

South Bend, Ind.—Kinyon Bros., of Lowell, Mich., have secured ground for an extensive range of greenhouses just outside the city limits. The work of construction will begin at once. The gentlemen are experienced in the trade and see in South Bend a first-class field.

The preliminary schedule for the seventy-third annual fair of the American Institute of New York has been issued. The dates are November 10 to 17, and liberal premiums are offered for cut chrysanthemums, chrysanthemum plants, miscellaneous plants, roses and carnations, also fruits and vegetables. Those who have not received copies of the schedule may obtain them by addressing Dr. Robert Taylor, manager, care of Herald Square Exhibition Hall, New York City.



CULTURAL NOTES.

Now that you have your young plants growing nicely and all the weeds killed out, you will be asking yourself whether you should plant early in July or late in August. Those who grow both roses and carnations will likely be busy with rose planting until late in this month and to suggest planting carnations before they have finished planting the roses would only cause them to shake their heads, and rightly so, but hurry up and finish with your rose planting so your carnations will not also have to be late in coming in.

That it pays to plant carnations early cannot be denied. The best growers all over the country are planting their houses between July 10 and August 20. I would not say that you can make more money or cut finer blooms from plants benched July 10 than you can from plants housed the first week in August, but you certainly can cut more and better blooms from plants housed before August 20 than you can from those housed later.



Azalea Kokinshiba.



Azalea Ovinkin.

Two of the Japanese Azaleas so popular in the New York market the past season.

Of course varieties differ somewhat, but with the general run of varieties you will find that this will hold good.

The number of plants you have to house will, of course, have some bearing on the time you commence to plant. If you have only one house to plant you will not need to begin so early, as two men can throw out the plants, refill a house 10x100 and replant it all in ten days or less. In such a case I would begin about July 15 to 20, so as to have it replanted by August 1. If you have several houses to plant I would advise making a start just as early as possible. You cannot plant too early, but you will find the days slipping past rapidly a little later on, when you are in the thick of the work, and unless you get an early start you may find yourself planting carnations well into September. I think that most growers will agree with me when I say that you can figure off at least one per cent of the earnings of your plants for every day you let slip by after August 20 before planting them.

Much will, of course, depend on the weather you will have up to the first of the year, but a plant benched in September certainly cannot be in good shape to thrive during a dark November and December and it will be in still poorer shape to pull through a cold January, with constant fire heat and little ventilation. No good blooms could be expected from a plant under such conditions. A plant which was planted early in the summer will be well established and growing sturdily along through the fall and when a dark spell comes they will not suffer so quickly because the roots are in better working order. Oftentimes you will see a bed doing poorly all winter, but when spring comes the plants pick up and produce a big crop of fine blooms in April and May. While the grower is cutting the fine blooms he forgets what he lost on them all winter. A big crop of ever so fine blooms in April and May can never make up for a poor cut during the winter months. You should have a fair cut from them all winter and the big spring crop too, then you can make some money.

Some of the larger growers can afford to grow a bench or a house of a variety like Crocker, which will not give a large cut during mid-winter but will almost if not quite make up the deficit by holding up into the hot weather later than most varieties. The average grower does not want much to do with such varieties, however, as he can buy plenty of carnations during late spring at low figures. When he can sell his blooms for $1 per dozen is when he wants to be cutting the heaviest and he cannot do that from September planted stock.

The market these days requires so little stock and most of your beds will be bringing you such small returns that it will pay you well to throw out the plants and refill the beds. If you do not care to bring in the plants until after August 1st it will pay you to empty and refill as many beds as you can before you begin planting. It will not hurt the soil to lay on the beds and dry out perfectly dry for a few weeks. By wetting it about a week before planting it will resume its natural condition. I would not wet it one day and plant the next after it had lain dry several weeks. When refilling be sure you clean the house up well. Take out all the rubbish and weeds which may be growing along the paths or under the benches if your beds are raised above the ground. Old, decaying wood will harbor wood-lice which will give you much trouble later on. Painting should also be done now if possible, although of course it can be done later on if great care is exercised.

A. F. J. BAUR.

JAPANESE AZALEAS.

The accompanying illustrations are from photographs of two plants of Japanese azaleas flowered by Julius Roehrs, Rutherford, N. J. These Japs were very popular this spring in the better class of New York retail stores. Azalea Kokinshiba is a small-flowered single variety, the color reddish pink. The plant is about four feet high and well developed specimens are four to six feet in diameter. Azalea Ovinkin is white, double fringed. The plants in tubs make four to eight feet in height and three to six feet in diameter.

THE CUT FLOWER TRADE.

The cut flower season is supposed to close with the schools at the end of June, although the summer business makes many growers an excellent profit, and it is worth while to look back at this time to see the year in the perspective. It is undeniable that, on the whole, the season of 1903-4 was not equal to its predecessors in profit to the cut flower growers. The high cost of heating was enough to make an appreciable difference in results, other conditions being equal, but, unfortunately, they were not. Prices were not up to last year. The difference was most pronounced in the east, but it held good in Chicago, St. Louis and all principal markets. A general depression in business seemed to affect our trade all through the season, save at Christmas, Easter and Memorial day, when new records for sales were established in many places. Conditions were slowest in the fall and winter, business seeming to approach normal toward spring, but production, which had been below the usual cuts all winter, then so prodigiously increased that, with a marked deterioration in quality, average prices have been the lowest on record for May and June.

The season started out poorly with the chrysanthemums; trade was slow, qualities were not high and warm weather served to bring in a large part of the cut all at once. The production of violets was enormous and prices low all season, with fair business at Christmas and better at Easter, on Marie Louise and singles, most markets refusing Campbell altogether. Lilies made fair prices at Easter but many thousands were late and have sold very low. Bulbous stock made a meagre margin, if any, for the growers. While prices on roses have almost everywhere been less than

last season, still good stock has commanded a ready market and those careful growers who have had successful crops of the better grade have had a fairly profitable season. With many growers teas have paid better than Beauties. Carnation prices have been under last year's, except for a few brief periods, but the carnation growers are making less complaint than anyone, good evidence that they have had a reasonably profitable season. There are, however, many growers who were attracted to carnations by the good results the last couple of years, who are going back to lettuce and cucumbers next season.

A MICHIGAN ESTABLISHMENT.

The acompanying illustrations give an idea of the character of the establishment of S. J. Long, at Petoskey, Mich., The view showing the grounds gives evidence that the proprietor believes in keeping his place neat and clean, an example to the community which every florist should set. Since the photograph was taken increasing business has necessitated an addition to the glass, the old houses having been extended and two new ones added at the left. The other picture shows Adlumia cirrhosa growing at Mr. Long's door. This is a graceful climber, very useful for covering. It is a hardy biennial, but might almost be classed with the perennials, as it resows itself year after year. The foliage is feathery, the maidenhair fern of the climbers. The tube-shaped flowers are light pink in color and borne in great profusion. The plant bears the common names of lace vine, Allegheny vine, mountain fringe and climbing fumatory. It should be mentioned that Mrs. Long's work has been of material importance in building up the business.



Adlumia Cirrhosa on a Michigan Florists' Porch.

ROCHELLE, ILL.—August Caspers has been in the business here for twenty-five years. He has a farm of twenty-eight acres which, when he began, was barren ground. It is now all within the corporate limits of the city. Mr. Caspers has built up a nice business, both in cut flowers, plants and vegetables under glass, also small fruits and outdoor vegetables.

Vegetable Forcing.

GREENHOUSE cucumbers at New York are 25 to 35 cents a dozen, with receipts from the south many thousands of packages each day.

TOLEDO, O.—Miller Bros. are building eight houses for lettuce and cucumbers. The roof material, etc., came from Chicago, the houses being of the Dietsch short-span pattern, fourteen feet nine inches wide, without partition walls, and 260 feet long.

A FUNGUS, called by scientists Dendryphium comosum, this season assumed the proportions of an epidemic in some of the cucumber establishments near London, England. This fungus is common on decaying vegetable matter but had never been recorded as parasitic. It came from straw in the stable manure used in the compost.

THE SQUASH BORER.

Enclosed you will find two insects found here in great numbers on the cucumber vines, known here as borers. As soon as these insects make their appearance the vines, or parts of them, die off suddenly in one day, while other branches on the same plant may stay green and healthy. They seem to hatch in the plant. In pulling up the dead plants in summer we find millions of them, that is, young ones. I am speaking of cucumbers grown in hotbeds. Any information that you may give on the subject will be highly appreciated. G. H. B.

The insects sent are what is commonly called the squash borer, as they are generally more prevalent on the squash than the cucumber plants. Though they prefer the squash, they are also quite at home on the cucumber and in some sections are quite troublesome. The mature insect lays its eggs usually near the base of the vines and when the larvæ hatch out they bore into the crowns or vines, causing them to die off suddenly as described. When the mature insects begin to make their appearance, if not too numerous, they can be kept down by handpicking. They are easily seen, as they usually harbor on the upper side of the leaves. Toward evening they are less active and are easily caught. Dusting with slug shot or other similar insecticide will help to keep them in check, as they usually feed before depositing their eggs. It is well to begin with the dusting of the plants at an early stage of their growth, so as to be ready for the insects when they come.

W. S. CROYDON.

BUILDING AND PIPING.

We desire to build a greenhouse and wish to ask through the REVIEW how to do so. Our lot is 75x150 feet in size, the front west. The land inclines to the west so that the back end of the lot is three feet higher than the front; the alley is two feet higher than the back of the lot. We wish to build for a general stock of greenhouse and bedding plants, also ferns; would also like to grow carnations and grow roses to flower in pots. We have some chrysanthemums growing and have thought of starting with some cucumbers this fall. We have had a small greenhouse in connection with the store for several years but we want more room and desire to build to the best possible advantage. We would like to know whether to build on the top of the ground or to dig down to the level of the street in front, and what kind of span to build. We would like to build 40x150 feet, with boiler room separate, and an iron frame. Please give information how to heat, hot water or steam. Also please advise as to ventilators, size of glass, depth of soil for carnations and cucumbers, and how early cucumbers should be started. What kind of foundation should be used; how heavy should the wall be made with cement or mortar? We wish to construct the boiler room so that it will be fireproof. What kind of boiler? Should we set the boiler on top of the ground or dig a pit for it? C. E. H.

In constructing your greenhouse I would not advise you to dig down to the level of the street in front, but would build the wall 18 inches above the level of the street and excavate about the same depth at the higher end. A three-quarter span would be the best for roses and carnations, as this gives a more even amount of light to all the benches. For general stock, such as you mention, it would not be so important to have the greatest possible amount of light, but this style of a house would be as suitable as any for such a purpose.

Hot water would be best in your case, as it does not require such close attention as steam, the latter requiring the services of a night attendant. I would have top ventilators on both sides of the house, as in this way the house can be kept cooler during very warm weather, and during catchy weather it gives a chance to air on the sheltered side of the house. The size of glass I prefer is 18x24 inches.

Six inches of soil is quite enough for carnations, but for cucumbers I would prefer to have the benches eight inches deep. I prefer to plant the cucumbers in hills, adding soil as the roots appear on the outside. For first crop, cucumbers can be started the end of August.

For an iron frame construction, the best foundation would be brick laid up in cement, and wide enough to accommo-



View of the Establishment of S. J. Long, at Petoskey, Mich.

date a 10-inch iron sill, the foundation being deep enough to make it good and solid. To make the boiler room fireproof, it would have to be constructed with brick and cement, with iron rafters, and corrugated iron roof.

Regarding the kind of boiler, I do not care to recommend any special make. There are many reliable boilers on the market, several of them advertised in the REVIEW. To give sufficient fall to insure good circulation, a pit should be dug for the boiler room, as your boiler will stand about eighteen inches above the floor when space is given for ash pit, and the top of your boiler should be at least five feet from the floor level. This would not give any too much fall.

To give suitable temperatures for the different subjects you intend to grow you would have to make at least three divisions in the house. For roses, a minimum temperature of 60 degrees would be required; for carnations and general bedding stock a minimum temperature of at least 50 degrees is necessary; whereas for cucumbers sufficient command of heat should be supplied to insure the temperature not to run under 65 degrees in any sort of weather. Regarding the piping. For the warmer house, considering that it is forty feet in width, about thirty lines of 2½-inch piping would be necessary to obtain the proper temperature. These would be best arranged in coils of six, making three flows and three returns in each coil. This warmest section I would have nearest the boiler, and to insure a temperature of 60 degrees in the second section about the same amount of piping will probably be required. For the cooler section four coils of the same number of pipes might be sufficient. Connections to the boiler should be made with not less than 5-inch pipes.

W. S. CROYDON.

PHILADELPHIA.

The Market.

There is a fair amount of business doing for July. Even on the glorious Fourth, considered above all others as the florists' holiday, there was some demand. It might be more aptly termed "search," as the local growers do not cater to or stimulate summer business. Some of them have tried it and say it does not pay, so beyond Kaiserins, valley, sweet peas, a few carnations and some miscellaneous flowers, the market is rather bare of fine stock. Of course there are some nice Beauties, Liberties, Prosperities, cattleyas, etc., but when a good order comes along the dealers get desperate and draw on outside points for their supplies. I believe in Philadelphia enterprise sufficiently to predict that this state of affairs will not last long and that in a year or two at the farthest our growers will give us a few fine flowers of the best varieties in July and August, so produced as to earn shekels and incidentally relieve the spring and fall overproduction.

A Point of Interest.

At the last meeting of the Pennsylvania Horticultural Society several members strongly advocated the use of hybrid tea in preference to other hybrid roses for outdoor planting in this section of the country. While there is plenty of room for all classes, there is no question that the hybrid teas have a great future before them and the sooner our growers realize this and intelligently meet the growing demand the better it will be for them.

Rural Doings.

Martin Richardson caught a fellow the other morning in his carnation patch, picking the Hills and Joosts. Martin was pretty mad and started with his prisoner for Justice Sibel's. On the way the fellow explained that he was a fakir and a gentleman, that he needed the flowers early and didn't like to disturb Martin and that he would have sent a check next morning with only ten per cent off for commission and no charge for picking. Martin decided to let his prisoner go with the flowers. The fellow has not been heard of since.

Thomas Flynn gave his boy a nice chick-weedy bed of mignonette to clean. The boy mistook the wishes of Thomas and got every mignonette out in nice little piles. His name is Willie Robinson. He is a bright, intelligent boy and should certainly be given a trial by some kind-hearted grower.

George Howard was hoeing in the carnation patch. Frank White left the water bucket to join him. "George," he sez, "I can sneeze whenever I want to." "Let's hear ye," sez George. "I don't want to," sez Frank. George kept on hoeing.

George Pyle was taking a sweet pea order around to a neighbor's when he saw a little boy eyeing a cherry tart in a baker's window. George is a kind-hearted boy and felt in his pockets for a penny. "You want that cookie, bub?" he asked. "I could eat six o' them bloody little tarts," came the answer. The penny slipped back in George's pocket.

Sam Kennedy left the hot greenhouses and had a glorious time on the Fourth. He described it this way: "I went to the house and put on me collar. Mary must ha guessed, but she never said nothin'. I went to the tavern at the corner and didn't touch a thing—I looked at the clock and sez to Bill Jones, 'If I ain't back you'll know I'm away!' An' he sez, 'All right, Sam.' Bill's a brick. I jumped on a car and went to the park. It was pretty late when I got back and Mary began to ask questions, and I sez, 'Mary, don't, I'm too sleepy,' an' she stopped. In the morning she started again an' I sez, 'Mary, don't; I'm too sick.' An' she stopped."

Fred Raymond is fond of a good show with plenty of soldiers and shooting in it. Fred had just left a bunch of roses at the box office for the leading lady when he met the program boy. "Is it a melodrama?" Fred asked. "Naw, nothin' mellow about it," sez the boy, "it's rotten."

Bobby Boyd was potting geraniums when the foreman came along. Bobby is proud of his potting and put on a few extra lugs. "They ain't dead yet," the foreman growled, "don't bury 'em."

Various Notes.

Griffin Bros., of Frankford, have the sympathy of their friends in the loss of their father.

Alfred Burton has the greenhouses purchased by his father in May planted in Beauties, Brides and Maids.

M. Rice & Co. received ninety cases by one steamer last Saturday, a very large importation to arrive at once.

J. A. Smith, with the H. F. Michell Co., has just returned from his vacation.

Edward Fancourt, with S. S. Pennock,

seems pleased with the continued development of the ribbon department of the business.

The Florists' Club's meeting last Tuesday was largely devoted to matters pertaining to the St. Louis convention in August. A good-sized delegation is promised.

Wm. J. Young, Jr., of Germantown, is hard at work rebuilding three of his greenhouses.

Bayersdorfer & Co. are busy today receiving and unpacking heavy importations.

The glorious Fourth was true to its name, bright and cool, an ideal holiday.

Be Straight.

You say your stuff did not all sell;
The reason why you cannot tell;
You know you have not done so well.
Always be straight; always be straight.

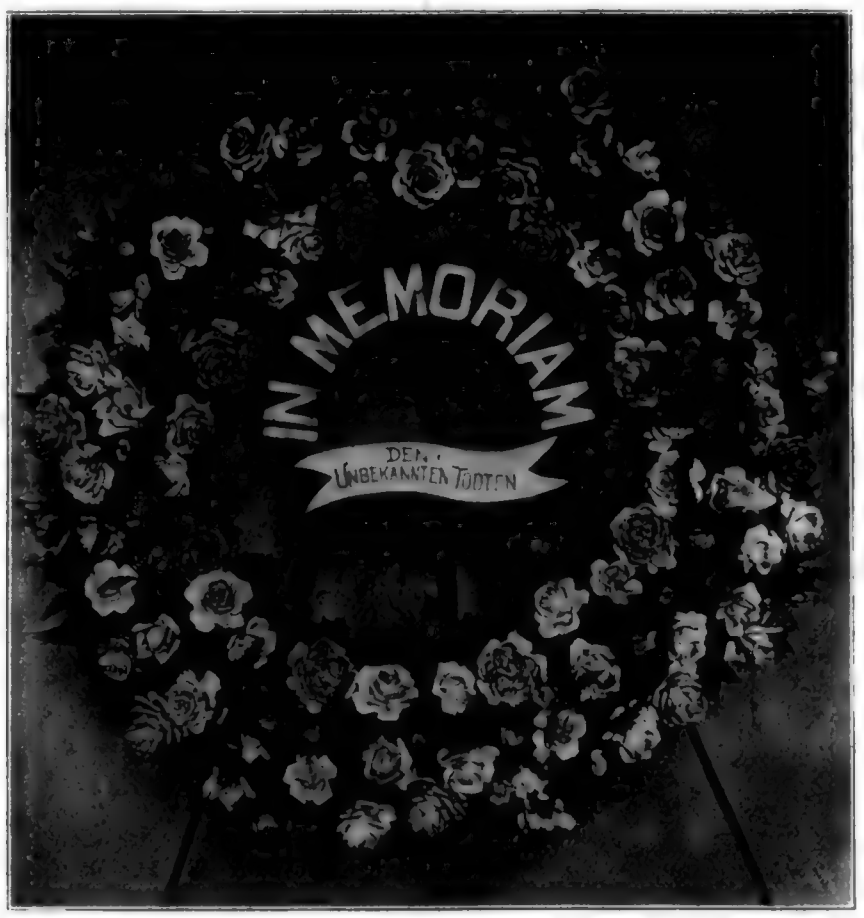
You have to walk instead of ride,
Must turn from the gay show aside,
It is the ebb and not flow tide.
Always be straight; always be straight.

Good men's regard does not destroy
Your loved ones' peace of mind and joy;
Bright hope and self-respect, my boy,
Depend on being straight, depend on being straight.

PHIL.

AN ARTIFICIAL WREATH.

A. Herrmann, the florists' supply dealer, has made a handsome wreath to be placed on the graves of the unidentified dead of the Slocum disaster, at Lutheran cemetery, on Long Island, next Sunday, July 10. The wreath is more than four feet in diameter and the easel on which it stands is nine feet. Porcelain roses and buds to the number of 224 were used in the piece, which is of a style largely used and greatly admired in that section of Long Island. The inscription on the piece, translated in English, is "In Memory of the Unknown Dead."



Wreath by A. Herrmann for the Slocum Dead.

PITTSBURG, PA.—H. B. Beatty has ordered a handsome silver loving cup to be awarded the winner in the bowling contest at St. Louis, also three smaller prizes.

NEW YORK.

The Market.

The holiday opened clear and hot and, as expected, exercised no appreciable effect upon the wholesale market. Prices remain on an even summer keel and there will be "still water" until September. The usual stagnation of the summer is now established. Quotations are formal and unstable. The cleaning up daily gives no thought to real value. The bargain hunters reap a harvest. The street merchants do the bulk of the selling. Wholesale stores close early and many of the retailers would like to, if the custom could be made universal. Mr. Bowe tells me he contemplates closing from Saturday noon until Monday during July and August. With the exception of a boy for emergency work, this system could be profitably followed by every retailer in the city.

Every hour of rest and consideration given the faithful employes now will bring four fold loyalty and effort when the strenuous period returns. The retail florists' business is an abnormal enterprise at best. Regular hours in the busy season are impossible and a more patient, willing and uncomplaining service can be found in no other line of work in the country. When necessity arises, an all night session is accepted with placidity.

In the wholesale market the supply of lilies continues unusually large. Down at John Scott's, in Flatbush, I saw thousands of Harrisii just opening, and this is but one of many sources in this vicinity that has kept the lily in such profuse supply since Easter. Low prices still prevail. Southern gladioli are here and are affecting prices, while sweet peas still bring about one-fourth the quotations of a year ago, notwithstanding extra quality. Many of the wholesalers are away for their annual rest. Some give daily attention to recreative equine interests, and many find the innumerable pleasure resorts around New York sufficient fountains of recuperation.

Various Notes.

Arthur T. Boddington is back from a very successful trip and already finds larger conveniences a necessity, so he is removing to 342 West Fourteenth street, where he will have all facilities for the development of his business to any extent.

Wm. Elliott & Sons held their last auction for the season last Tuesday, after a successful season and good prices as compared with former years.

The present week will close the auctions at Cleary's Horticultural Hall. Here, too, business has been excellent.

The Herald Square Exhibition Hall has been positively decided upon for the great fruit, flower and vegetable show of the American Institute, November 10 to 17.

A meeting of the Rose Society's incoming officers was held last Friday at the secretary's office, Alex. Montgomery, John N. May, Henry Siebrecht, Sr., B. Dorrance and Secretary Barron being present. Letters of regret were read from Messrs. Burton, of Philadelphia, and Welch of Boston. The prospects and prize schedule were discussed. Mr. Montgomery announced great enthusiasm around Boston, a large increase of the membership of the society and several life members secured since the Philadelphia meeting. Colonel Pfaff has offered a $50 silver cup for the best group of roses in pots, not climbers, and special prizes will be given by the Boston Gardeners' and Florists' Club and by the famous "Old Guard." Benjamin Dorrance gives a $100 cup for the best display of cut roses, competition by growers outside of a radius of 150 miles of Boston. Jno. B. Nugent offers $50 divided, $25 for the best vase of fifty Liberties and $25 for the best vase of new roses of late introduction. Pres. Montgomery's prize is for twenty-five roses of American origin. Further special prizes are solicited, and all sections of the country are appealed to for loyal support of the society. Secretary Barron says the western representation is increasing since the reawakening of interest and it is a matter of public record that one prominent western member has already shown his practical loyalty, a good example which he hopes will be largely followed. The meeting will be arranged for about the middle of March and it is unnecessary to say anything of Boston hospitality.

Hanfling & Kleppner, a new supply house, have some fine novelties on exhibition at 114 West Twenty-eighth street.

Wm. Ghormley is gradually improving in health and will be back at headquarters in good time for the reawakening of business.

The demand for the 2½-inch pots of Scottii has been universal. Mr. Scott has shipped many to Canada and California and to every intervening city and the demand continues. He is filling several of his houses with plants in 6, 8 and 10-inch pots for the retail trade and has many orders booked for the 14-inch tub plants from the leading retailers.

Mr. Stumpp, of the Stumpp & Walter Co., left on Saturday on his annual trip to Bermuda.

The incorporation of the New York Market Gardeners' Association is now



The New York Florists' Club on its Fourth Annual Outing June 29.

an accomplished fact, and among the directors are Messrs. Birnie, Daly, Steinhoff and Lenker. The ultimate completion of the long desired market building seems sure. Shares are selling at $10 each and an over subscription will be the next announcement.

The wife of Mr. Moore, of Moore, Hentz & Nash, has undergone a successful operation for appendicitis and is convalescing rapidly at the Roosevelt hospital in this city.

Florists' Club Outing.

Notwithstanding a cloudy morning the fourth annual outing was a decided success. The threatening weather, the Slocum disaster, the absence of many from the city, illness, etc., combined to keep scores away, but a happy crowd of 200 enjoyed the day thoroughly and voted it the most harmonious and delightful of the annual celebrations. The attendance of children was very gratifying. Louis Schmutz, Sr., proved his loyalty by bringing nearly all his children and grandchildren, and his youth by running and handspring agility and by winning one of the bowling prizes. It's a pity all the club's members could not make an equally practical show of interest. There should be no limit to the attendance at this yearly festival, and next year a crowd of less than 400 will be discreditable. By furnishing the novelty of another park selection and a $3 ticket for the unmarried men it can easily be accomplished.

The prizes were all valuable and worthy of the efforts made to win them. The distribution on the way home made the most hilarious hour of the day. Nearly everyone of the young folks were remembered. Dancing at the grove and on the boat was enjoyed by the young people. John Birnie's children gave their specialties. The time passed too quickly, and not one in attendance had anything but praise for the committee, whose efforts had brought about the perfect arrangements for the day.

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Over $250 was spent in prizes and dozens of useful and valuable articles were bestowed by the generous and loyal donors.

J. AUSTIN SHAW.

seems pleased with the continued development of the ribbon department of the business.

The Florists' Club's meeting last Tuesday was largely devoted to matters pertaining to the St. Louis convention in August. A good-sized delegation is promised.

Wm. J. Young, Jr., of Germantown, is hard at work rebuilding three of his greenhouses.

Bayersdorfer & Co. are busy today receiving and unpacking heavy importations.

The glorious Fourth was true to its name, bright and cool, an ideal holiday.

Be Straight.

You say your stuff did not all sell;
The reason why you cannot tell;
You know you have not done so well.
Always be straight; always be straight.

You have to walk instead of ride.
Must turn from the gay show aside,
It is the ebb and not flow tide.
Always be straight; always be straight.

Good men's regard does not destroy
Your loved ones' peace of mind and joy;
Bright hope and self-respect, my boy,
Depend on being straight, depend on being straight.

PHIL.

AN ARTIFICIAL WREATH.

A. Herrmann, the florists' supply dealer, has made a handsome wreath to be placed on the graves of the unidentified dead of the Slocum disaster, at Lutheran cemetery, on Long Island, next Sunday, July 10. The wreath is more than four feet in diameter and the easel on which it stands is nine feet. Porcelain roses and buds to the number of 224 were used in the piece, which is of a style largely used and greatly admired in that section of Long Island. The inscription on the piece, translated in English, is "In Memory of the Unknown Dead."



Wreath by A. Herrmann for the Slocum Dead.

PITTSBURG, PA.—H. B. Beatty has ordered a handsome silver loving cup to be awarded the winner in the bowling contest at St. Louis, also three smaller prizes.

NEW YORK.

The Market.

The holiday opened clear and hot and, as expected, exercised no appreciable effect upon the wholesale market. Prices remain on an even summer keel and there will be "still water" until September. The usual stagnation of the summer is now established. Quotations are formal and unstable. The cleaning up daily gives no thought to real value. The bargain hunters reap a harvest. The street merchants do the bulk of the selling. Wholesale stores close early and many of the retailers would like to, if the custom could be made universal. Mr. Bowe tells me he contemplates closing from Saturday noon until Monday during July and August. With the exception of a boy for emergency work, this system could be profitably followed by every retailer in the city.

Every hour of rest and consideration given the faithful employes now will bring four fold loyalty and effort when the strenuous period returns. The retail florists' business is an abnormal enterprise at best. Regular hours in the busy season are impossible and a more patient, willing and uncomplaining service can be found in no other line of work in the country. When necessity arises, an all night session is accepted with placidity.

In the wholesale market the supply of lilies continues unusually large. Down at John Scott's, in Flatbush, I saw thousands of Harrisii just opening, and this is but one of many sources in this vicinity that has kept the lily in such profuse supply since Easter. Low prices still prevail. Southern gladioli are here and are affecting prices, while sweet peas still bring about one-fourth the quotations of a year ago, notwithstanding extra quality. Many of the wholesalers are away for their annual rest. Some give daily attention to recreative equine interests, and many find the innumerable pleasure resorts around New York sufficient fountains of recuperation.

Various Notes.

Arthur T. Boddington is back from a very successful trip and already finds larger conveniences a necessity, so he is removing to 342 West Fourteenth street, where he will have all facilities for the development of his business to any extent.

Wm. Elliott & Sons held their last auction for the season last Tuesday, after a successful season and good prices as compared with former years.

The present week will close the auctions at Cleary's Horticultural Hall. Here, too, business has been excellent.

The Herald Square Exhibition Hall has been positively decided upon for the great fruit, flower and vegetable show of the American Institute, November 10 to 17.

A meeting of the Rose Society's incoming officers was held last Friday at the secretary's office, Alex. Montgomery, John N. May, Henry Siebrecht, Sr., B. Dorrance and Secretary Barron being present. Letters of regret were read from Messrs. Burton, of Philadelphia, and Welch of Boston. The prospects and prize schedule were discussed. Mr. Montgomery announced great enthusiasm around Boston, a large increase of the membership of the society and several life members secured since the Philadelphia meeting. Colonel Pfaff has offered a $50 silver cup for the best group of roses in pots, not climbers, and special prizes will be given by the Boston Gardeners' and Florists' Club and by the famous "Old Guard." Benjamin Dorrance gives a $100 cup for the best display of cut roses, competition by growers outside of a radius of 150 miles of Boston. Jno. B. Nugent offers $50 divided, $25 for the best vase of fifty Liberties and $25 for the best vase of new roses of late introduction. Pres. Montgomery's prize is for twenty-five roses of American origin. Further special prizes are solicited, and all sections of the country are appealed to for loyal support of the society. Secretary Barron says the western representation is increasing since the reawakening of interest and it is a matter of public record that one prominent western member has already shown his practical loyalty, a good example which he hopes will be largely followed. The meeting will be arranged for about the middle of March and it is unnecessary to say anything of Boston hospitality.

Hanfling & Kleppner, a new supply house, have some fine novelties on exhibition at 114 West Twenty-eighth street.

Wm. Ghormley is gradually improving in health and will be back at headquarters in good time for the reawakening of business.

The demand for the 2½-inch pots of Scottii has been universal. Mr. Scott has shipped many to Canada and California and to every intervening city and the demand continues. He is filling several of his houses with plants in 6, 8 and 10-inch pots for the retail trade and has many orders booked for the 14-inch tub plants from the leading retailers.

Mr. Stumpp, of the Stumpp & Walter Co., left on Saturday on his annual trip to Bermuda.

The incorporation of the New York Market Gardeners' Association is now



The New York Florists' Club on its Fourth Annual Outing June 29.

an accomplished fact, and among the directors are Messrs. Birnie, Daly, Steinhoff and Lenker. The ultimate completion of the long desired market building seems sure. Shares are selling at $10 each and an over subscription will be the next announcement.

The wife of Mr. Moore, of Moore, Hentz & Nash, has undergone a successful operation for appendicitis and is convalescing rapidly at the Roosevelt hospital in this city.

Florists' Club Outing.

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J. AUSTIN SHAW.

BOSTON.

The Market.

Extreme dullness now reigns in the flower market, a condition which is likely to last for two or three months. There is plenty of stock coming in, much of it very poor in quality, for which there is little or no demand. Roses are getting very small, Brides and Maids being miserable. Beauties are also very poor.

Carnations still bring $1 to $1.50 for fine stock, but a lot of rubbish is almost given away. Sweet peas, gypsophila, stocks, larkspurs, nymphæas, candytuft, sweet sultan, outdoor mignonette and Lilium elegans and candidum are seen in quantity.

June, 1904, may be classed as a cool month, although decidedly warmer than the same month in 1903. The mean temperature for Boston was 64 degrees, against a ten years' average of 66 degrees. Our most uncomfortable day was on June 26, when the thermometer rose to 95 degrees and seemed to stay there about all day, if one's feelings were any index. Crops look decidedly better than at this time a year ago. They have a deficiency of 303 degrees to make up since January 1, so we may pleasurably anticipate some hot waves between now and Thanksgiving.

Various Notes.

Hitchings & Co., 819 Tremont building, Boston, have been awarded the following additional contracts: Arthur Little, Phillips Beach, one greenhouse; Winslow T. Williams, Yantic, Conn., conservatory, palm house and greenhouse; F. A. Sayles, Pawtucket, R. I., palm house, plant house, two vegetable houses, two graperies, violet house and carnation house; R. C. Vanderbilt, Newport, two greenhouses and workroom. They have also contracted to build an extensive range for W. K. Vanderbilt, at Great Neck, L. I., N. Y.

Several of the city florists are starting to overhaul their stores and make improvements and employes are going on their annual vacations.

After considerable agitation the new Independent Co-operative Flower Market has finally been incorporated. Chas. E. Dickerman, the Dorchester carnation grower, is president; Geo. W. Ayer, Reading, Mass., treasurer; Wilfrid Wheeler, Concord, Mass., clerk. Directors in addition to the foregoing, E. Wood, Lexington; E. Cartwright, Wellesley; J. W. Foote, Malden; N. F. Comley, Lexington; John McFarland, North Easton; Donald Carmichael, Wellesley Mass. The capital stock of $5,000 is largely subscribed and the new concern expects to do a thriving business.

Dr. C. L. Marlatt, entomologist to the Department of Agriculture at Washington, is in Boston to superintend the investigation of the federal government of the moth pest in Massachusetts. Dr. Marlatt discovered a parasite of the San Jose scale in China, which when introduced proved very effective and we trust he may be able to bring something to thin the rapidly increasing hords of gypsy moths, which are doing fearful destruction just now.

Bostonians enjoyed cool and comfortable weather on "the great and glorious Fourth." Thanks also to the vigilance of Police Commissioner Emmons, fireworks were less of a nuisance than usual and accidents fewer. More than one florist took advantage of the fine weather, following a damp spell, to get some of his hay under cover.

Farquhar & Co. are making extensive alterations in their seed store. The ground floor in future will be given up entirely to counter trade, while all mail orders will be filled on the second floor.

Harry Cole, for many years gardener to Cyrus Lothrop, North Easton, Mass., has purchased the greenhouses and stock of A. D. Copeland, on Copeland street, Campello, Mass. There is about 6,000 feet of glass and a general stock, including orchids, which will be grown by Mr. Cole.

One or two growers in this vicinity see a prospect of good returns in growing narcissus and other bulbs for market. The writer was shown bulbs of Narcissus Emperor Von Sion and poeticus, the past week, quite equal to the Holland grown stock. There would seem to be an opening in this line for some wide awake florists. W. N. Craig.

The New Market.

Mr. Craig's recent notes on the new flower market in Boston seem to indicate that he has been misinformed as to the true character of the movement. The new market has been incorporated with fifty stockholders, including some of the most honest, industrious gentlemanly and sober element among the flower growers of Massachusetts, also having the kindly assistance and best wishes of a good many of the Boston storekeepers. W. C. Ward.

ST. LOUIS.

The Market.

The cut flower trade has been somewhat slow the past week and has about dwindled down to summer stillness, as commencements, weddings and social work is done for this season. There is very little outlet for the stock that comes in, which, though not so plentiful as it has been, is quite enough for the demand. There is also a general decrease in values.

This is Independence day, a holiday which is not much good for the florists' business and the only one when our help can take a whole day off for enjoyment. In stock such roses as American Beauty, Bride, Kaiserin and Bridesmaid of extra quality clean out fairly well each day, as the supply of this quality is very limited just now. First and second grades of these are more plentiful, but the demand not so great. President Carnot and Liberty have a big call when fancy; price from $3 to $5 per hundred.

The carnation stock is still somewhat heavy, though the bulk of it is of poor quality. Henry Baer, of Peoria, Ill., is sending in some good fancy stock of these to Kuehn, which average $2 per 100. From $1 to $1.50 is the price for home grown stock. These are quite plentiful. Sweet peas are still crowding the market. The white, pink and lavender are very fine and have the call. The wholesale houses are having big demand for these, still prices remain cheap; $1.50 per 1,000 is asked for fancy varieties. Short stock brings from 50 to 75 cents per 1,000, but a great many are left unsold. Good lily of the valley is still to be had at $3 and $4 per 100. Smilax is plentiful and so are other greens.

Most of the growers are hard at work replacing the old stock with young plants and the general summer work, such as repainting, repairing and building, is now going on everywhere.

Various Notes.

The Florists' Club's meeting which takes place next Thursday afternoon at 2 o'clock will be the most important meeting the club has had in many years and the members to a man should attend. Convention matters of importance will be discussed. The nomination of officers will take place. This alone should be of great interest to all the members. The essay of Brother Dunford promises to be interesting for growers and retailers alike.

Our old friend, "Billy" Kasting, of Buffalo, is here this week as a delegate to the democratic convention, which is in session. "Billy" may be the dark horse that is spoken of.

Mrs. M. S. Vesey, of Fort Wayne, Ind., was a visitor the past week, the guest of the Misses Meinhardt.

August Juergens, of Peoria, Ill., spent last week here taking in the Fair.

Geo. M. Kellogg was down from Pleasant Hill, Mo., last week on one of his monthly trips to learn convention news.

Mr. O'Neil, of Chicago, spent a week in the city calling on the trade and the World's Fair. The Pike had great attractions for Mr. O'Neil.

R. F. Tesson, chairman of the shooting committee, reports that he has selected Dupont's park for the shooting contest during the convention, which takes place Thursday afternoon, August 18, at 2 p. m. At this park all the great shooting contests of the past have taken place. Ammunition and guns can be had at the park at a reasonable price.

Frank M. Ellis, chairman of the hotel committee, has a large number of hotels and rooms on his list at a very low price and any of the S. A. F. members who expect to attend the convention would do well to correspond with Mr. Ellis, at 1316 Pine street, and have rooms reserved for them. All other committees are hard at work completing arrangements for the coming convention. Carl Beyer has already secured a number of valuable prizes for the bowlers.

Bowling.

The florist bowlers had a hot time last Thursday night. The convention team, composed of Messrs. Kuehn, Beyer, Miller, Ellison and Beneke, met the Strong Palace team, champions of the city league this year. The florists were defeated by three pins, total number of pins counting, though they won the last two games of the three played. The totals were as follows:

Team	1	2	3	Total
Palace	854	780	855	2489
Florists	791	835	860	2486

J. J. B.

South Bend, Ind.—The Business Men's Association had a Fourth of July celebration, for which they needed a queen, who was selected by ballot and Miss Bessie May Hogue, bookkeeper for Treanor & Rettic, was voted the most popular young lady in the city.

ALWAYS AT YOUR SERVICE

With supplies of the best stock the market affords at this season of the year. Your orders will receive as careful attention as ever.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $5.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Peonies, per doz., 35c to 75c	
Valley	4.00 to 5.00
Marguerites	.50 to .75
Sweet Peas	.25 to .50
Callas, per doz.	$1.00 to $1.25
Auratum lilies, doz.	$1.25 to $1.50
Longiflorums, doz.	$1.00 to $1.50
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns, per 1000	$1.00 .15
Galax, per 1000	$1.25 .15
Adiantum	.75 to 1.00
Smilax, per doz.	$1.50

Subject to change without notice.

CHICAGO.

The Market.

Receipts have decreased materially during the past week. Many growers have come to the conclusion that it was useless to carry their stock farther into the summer. Results are particularly manifest in the rose department. The cuts of Beauty are now very light and there is very little stock of what can be called good quality. Bride and Bridesmaid are more plentiful, but there are few of the latter which are of good color, and mildew is still very prevalent. Brides seem in much better shape than Maids and are in fair demand, as funeral work has been plentiful in the last few days. The best stock is finding a good market, but the lower grades are still jobbed off to the Greeks. There is a ready sale for the few Chatenay which are in the market, and Liberty is in good demand because of the shortage of Beauties. Kaiserin is not plentiful and selling well.

While receipts of carnations are less than they were a week ago, there are still more than the market can consume. Only a small part of the receipts can be sold at anything like a satisfactory price to the growers, and it is difficult to dispose of the low grades at any price at all. There are still quantities of sweet peas in the market, but the quality has improved and they are in better shape. During the week the candidum lilies from Benton Harbor have been arriving. This is a crop of short duration and this year of little profit, for it has been difficult to move the large receipts at even $1 per 100, where the market was formerly $2 to $3. There are quantities of peonies still to be had, but there is a noticeable tendency to steer clear of the quantities of poor stuff that are offered and pay a fair price for good goods. A few asters are seen. Water lilies are salable for window decorations and feverfew and such items find an outlet for the same purpose.

The shipping demand has been very light in the last few days and the local trade is largely confined to funeral work, conditions which are likely to prevail for the next two months.

Various Notes.

E. Kitzinger, who has been doing a thriving business at 568 N. Ashland avenue, will move into more spacious quarters August 1 and has leased the store at 183 W. Division street, corner of Milwaukee avenue.

E. Amerphol, proprietor of the Janesville Floral Co., Janesville, Wis., has bought two of the Albert Fuchs greenhouses and will remove them for re- erection at his place.

Leonard Kill, Mrs. Kill and Mrs. Peter Reinberg leave tonight to spend two or three weeks at Colorado Springs.

N. J. Wietor went to Hackley, Wis., Tuesday evening to spend a couple of weeks at fishing.

Sam Graff has returned from a trip to Mt. Clemens and Buffalo.

E. C. Amling went to Lake Marie with his family yesterday to spend a week with the bass.

E. E. Pieser, of the Kennicott Bros. Co., is planning a vacation trip into British Columbia, where he has interests.

Webster Randall is spending his vacation at his old home in Pennsylvania.

F. F. Benthey says it is notable the way the crop of Brides is holding out. They are cutting about 2,000 a day, very fair stock.

The carnation plants in the field are doing well in spite of the lack of rain. We have had very cool weather so far, the deficiency as compared to normal being 618 degrees. Many of the growers are ready to begin benching within a week or ten days.

Weiland & Risch are first in the field with carnation plants ready for benching. They have a big stock of Lawson in fine shape.

Mr. and Mrs. P. J. Hauswirth and Mr. and Mrs. Kochman are spending a week at The Dells of Wisconsin. Mrs. Kochman is better known to the trade as Annie Kreitling.

In the practice bowling match Tuesday evening, the "scrubs" were given a handicap of sixty pins over the St. Louis convention team and beat the experts by just that number of points.

S. W. Pike, of St. Charles, Ill., was in town Tuesday.

For Sweet Charity.

The wholesale houses in Chicago are being overrun every day by Sisters from the different institutions asking for flowers. This practice has grown from where, a few years ago, only one Sister would call occasionally to now not less than ten a day, and on special church holidays up to fifteen to eighteen. They visit all of the houses, so that when they leave the market they have both arms full of packages. Some even have a wagon or buggy in waiting. These flowers are taken to hospitals, churches, convents and schools. The habit has grown on them so that they ask for certain kinds, not what you want to get rid of and can spare. Certain feast days require certain colors. If I should have white to spare and they want pink, they tell me so. What began as a charity we all favored has got to be a nuisance.

Now let us look at the other side, from the retailers' viewpoint. Formerly these institutions bought what they needed from a florist in the neighborhood, or came down town and bought what they needed. Their purchases would range from $2 to $15, as the occasion demanded. The school children, for confirmation or communion days, would buy flowers from the florist. Now they buy, and are asked to, from the Sisters in charge of the schools. We wholesalers give them the flowers; the retailer sits there and looks on. In some cases I am told that they call on the florist and buy the ferns. Why, we ought to supply the ferns also. I don't see why we don't.

Are we doing justice to ourselves and to the retailers? I say, "No." I for one will cut this traffic out and hope that all the wholesalers will do the same, and give the retailer the trade he is entitled to. We look for his business and if we give away flowers to his patrons, we are only cutting off our own noses for sweet charity's sake. We have lost the business of the public schools through the ban put on flowers by Mr. Cooley. We have only the sectarian schools left. Let them buy their flowers; they will, when they find they cannot get them given to them. Most institutions use them for altar decoration. All of these institutions are able to pay for the flowers, charity hospitals excepted. I know a number of florists who look for this business for their support and, while they used to have it, they don't any more.

O. W. FRESE.

STERLING, ILL.—Robert Lunstrom, who recently bought F. A. Belt's place, has ordered material for a new house, 22x85, and is remodeling the heating apparatus throughout the establishment.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE Bermuda lilies, first shipments, are due at New York next week.

A. T. BODDINGTON has removed to 342 W. Fourteenth street, New York.

J. W. RATEKIN, Shenandoah, Ia., reports the past season the best in the history of the house, covering twenty years. The 1905 catalogue will be seventy-two pages with an edition close to 250,000 copies.

J. MARTENS, lily of the valley exporter, of Hamburg, Germany, while in Chicago July 2 received the sad news of the sudden death of his wife and immediately started for home. He has the sympathy of his many friends in the seed trade.

A CANNER at Chicago says that "no matter how the crop reports may read, it is too early to take it for granted that the small corn pack of 1903 is going to be repeated this year. The year is too young for anybody to say to what extent the crop will be affected by the low vitality of the seed and the lateness of the season."

IT has been suggested that seedsmen might add much to the efficiency of their clerks by establishing a noonday class for the discussion of important points bearing upon the method of growth and distinguishing characteristics of the different vegetables and flowers, some posted member of the firm or head clerk acting as leader.

VISITED CHICAGO: Ernest Hermes, representing A. Le Coq & Co., Darmstadt, Germany, has been calling on the seed trade throughout the United States for the past month, visiting the St. Louis Exposition, where his house has an exhibit of grass and field seeds. He reports latest advices from Germany to the effect that good crops are in prospect again this year, with prices likely to be on a level with last year except on a few unimportant items.

CONDITIONS IN KENTUCKY.

Wood, Stubbs & Co., Louisville, Ky., write as follows under date of June 28:

The outlook for trade conditions at the present time is fair for the coming season, and crops of grass seeds generally promise good yields. Kentucky blue grass is considerably larger crop than has been made for several years and prices will be lower. Concerning orchard grass, there are conflicting reports by growers, but on the whole a fair crop may be expected. We anticipate prices to be somewhat lower than last year. Red Top is looking well and from the present indications there will be a good, full crop; prices about the same as last year, possibly a little less.

Onion sets have not done well up to the present time and are suffering severely with dry weather. We do not anticipate a good crop of these, but favorable weather will bring them out considerably. Crops of wheat have turned out better than for several years.

Garden seed crops generally have done fairly well, though lack of rain will entail shortage in the potato crop. There has been a large acreage of tobacco planted over the state, due to the high prices obtained for last year's crop, and the crop at the present writing is reported in good growing condition.

The crop of onion seed grown in this locality is very large, though we do not anticipate such low prices as last year, as the indications are that the sets will move off freely and it will stimulate the production of this crop to some extent.

Louisville onion sets are recognized as very superior quality, especially for late keeping in the spring, and we ship annually large quantities of sets throughout all parts of the United States from Maine to California. This is true of all seeds, as this point is fast being recognized by important dealers of other sections as one of the sources of supply for seed crops.

We are growing large quantities of selected seed corn, both field and sugar, selected seed wheat, winter turf oats, millets and cow peas, while Louisville being situated in the center of production for nearly all grass seeds and red clover, supplies enormous quantities of these items.

SEEDLESS VEGETABLES.

The following extract from a publication of the D. Landreth Seed Company, serves to point to the intense scientific development of horticultural practice of the present day:

To indicate the intensive watchfulness, mental application and persistent physical effort of thoughtful students of vegetable science to develop additional types, attention is called to the introduction of seedless fruits and vegetables. Every one is familiar with the seedless orange, introduced in 1880, and now very generally on the market. To this is to be added the seedless apple, plum, grape, currant, stocks of all of which are about ready to be introduced, but all of which affect the nurserymen rather than the seedsmen.

The active promoter in new things will not be happy till the seedless development, at present bearing only on hard-wooded plants, is carried into the soft-wooded class. In fact, it has already been successful in that direction, there benig already a seedless watermelon and a seedless tomato. It would seem that in the order of cucurbitacea the greatest opportunities are presented, but it will be accomplished in other families. Efforts will not cease until we have not only seedless watermelons and tomatoes, but seedless cantaloupes, cucumbers, squashes, peppers, pumpkins and egg plants.

Of course, seedless vegetables will have to be propagated by cuttings, the race kept alive by continuously carrying over in glass houses the successive parent plants throughout the year, each generation affording slips for the next.

Indeed, if seedless vegetables ever become of much value, their place will be found in the forcing house, rather than in the field, as all culture of seedless plants will have to be done with the slips or cuttings started under glass, and this, fortunately, saves the seedsman from being shut out entirely, otherwise his occupation will be half gone, provided always that the seedless fruit were better than the old types.

NEW CROP

SEEDS

PRIMULA SINENSIS FIMBRIATA
(English Grown.)
"The Grand" Mixture .....trade pkt., 50c
Primula Forbesi.. .....trade pkt., 25c

CINERARIA HYBRIDA GRANDIFLORA
(English Grown.)
Hunt's "Special" Mixture, trade pkt., 50c

CALCEOLARIA HYBRIDA GRANDIFLORA
Hunt's Import Mixture....trade pkt., $1.50
All the types, including the self-colored, tigered, mottled, variegated, spotted.

GLOXINIA GRANDIFLORA
Hunt's Extra Select Mixture, tr. pkt., 50c
A mixture of exclusive French hybrids, including Fire King, Defiance, Frederic, etc.

E. H. HUNT,
76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

For Sale.

Having separated our wholesale and retail seed business, I now wish to sell my interest in the retail. This business, known under the name of St. Louis Seed Company, is one of the finest retail and mail order chances in its line in the West. This offer will stand close investigation and is only made through a lack of time on my part to attend to both branches of the trade.

For further particulars, address

FRED. S. PLANT,
814 North 4th Street, ST. LOUIS, MO.

LILY OF THE VALLEY PIPS
FROM COLD STORAGE
In original cases of 500, 1,000 and 2,500. Prices on application.
CHAS. F. MEYER, 99 WARREN ST. NEW YORK
Mention The Review when you write.

Florists' Bulbs.
BEST GRADE ONLY.
Import orders booked NOW.
Write for prices.
W. C. Beckert, Allegheny, Pa.

Always mention the Florists' Review when writing advertisers.

REMOVAL NOTICE
Increasing business compels my removal to larger quarters.
MY ADDRESS AFTER JULY 1st WILL BE
342 West 14th Street, NEW YORK.
ARTHUR T. BODDINGTON.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Mention The Review when you write.

FERNS IN FLATS

Ready for delivery after July 15th.

Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting.
We can furnish these ferns, grown separately, each flat containing any one of the following sorts. ferns all good salable varieties.
Aspidium Tsussimense, Cyrtomium Falcatum, Pteris Adiantoides, Pteris Cretica Albo-Lineata, Pteris Cretica Magnifica, Pteris Hastata, Pteris Mayii, Pteris Gilbertii, Pteris Serrulata, Pteris Serrulata Cristata, Pteris Serrulata Variegata, Pteris Wimsettii. Mixed varieties. **Price $2.00 per flat.**

Nephrolepis Scottii. Strong transplanted runners from the bench or 2¼-inch pots, $4.00 per dozen; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-inch pans, $3.50 each; 10-inch pans, $5.00 each.

CANE STAKES. 6 feet long, strong and durable, per 1000, $6.00; per 2000, $11.00; per 6,000, $27.50. Prices on larger lots on application.

Stumpp & Walter Co., 50 Barclay Street, Branch Store: 404 E. 24th Street, **New York.**

Mention The Review when you write.

Thorburn's Bulbs

We are now prepared to quote
Lilium Harrisii,
Lilium Longiflorum,
Dutch Hyacinths,
Roman Hyacinths,
Paper White Narcissus,
Tulips and other Bulbs for Florists.

Send for prices stating kinds and quantities required.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

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LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000.
Headquarters for finest **CUT VALLEY.**
H. N. BRUNS,
1409 W. Madison St., CHICAGO.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

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RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

ENGLISH PRIZE STRAINS
CALCEOLARIA — CINERARIA — AND — CHINESE PRIMROSE.

Are unsurpassed for size and brilliancy of color. If you have been growing the American seed you will have a startling revelation when you behold these **Incomparable English Strains.**

ENGLISH PRIZE MIXED CALCEOLARIA AND CINERARIA,
Half trade packet ..... 50c. Trade packet ..... $1.00.

PRIMULA (Chinese Primrose)—ENGLISH PRIZE FRINGED MIXED,
Per 100 seeds ..... 25c. 500 seeds ..... $1.00. 1000 seeds ..... $1.50.

CYCAS STEMS—LONG LEAVED VARIETY,
10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; per case (300 lbs.) $18.00.
Stems range in weight from 1 lb. to 10 lbs.

Prices of **FREESIA, FRESH MUSHROOM SPAWN and FRENCH and DUTCH BULBS** quoted upon application.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Michell's Bulbs.

Write us for quotations on **LILIUM HARRISII** for delivery this month. The stock will be fine.

MICHELL'S SEEDS. **PRIMULA BUTTERCUP made the hit of the season last Winter**—Very free blooming, color beautiful canary yellow, 500 seeds 60c; trade pkt., $1.00.

PRIMULA SINENSIS—Our Exhibition Strain in separate colors. ½ trade pkt., 60c; trade pkt., $1.00.
CINERARIA Prize Strain and Exhibition Pansy—½ trade pkt., 60c; trade pkt., $1.00.

Henry F. Michell Co., 1018 Market St., **Philadelphia**

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅝ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅝ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Burpee's Seeds Grow

Samuel S. Pennock, THE WHOLESALE FLORIST
VALLEY BEAUTIES
Ribbons and Supplies
1612 {Ludlow Street, PHILADELPHIA
During July and August will close at 6 p. m. Saturdays, 1 p. m.
Mention The Review when you write.

BALTIMORE.

Gilbert Patterson died last week at the home of his niece, Mrs. Barron. He was 84 years of age. The deceased had retired from active business some ten or twelve years ago. The funeral took place Sunday, July 3, at Govanstown Presbyterian cemetery. The active pallbearers were: I. H. Moss, Wm. Madsen, F. G. Burger, John Donn, Chas. Bucher, and C. Waldenberg, all being members of the Gardeners' Club, of which the deceased was an active member. The officers and members attended the funeral in a body.

Many of the stores were closed on the Fourth, others remaining open only long enough to fill the few small orders on hand. The Exchange closed at 12 o'clock, having very little stock on hand.

Business on a whole is satisfactory, not much good stock, not much business. So it balances up about as might be expected at this season. Maman Cochets are beginning to come in freely. Carnations and indoor roses are holding up very well. Greens are not much sought after. Roses are going at $2 to $4, carnations 50c to $1.25 per 100, peas 15 to 25 cents per 100. A. F.

BELLEFONTAINE, OHIO.

This town was visited by a severe hail storm on Thursday, June 30, which did much damage to crops and flowers, but no glass was broken. The hail piled up in places six inches deep and some was found lying around on Saturday morning. The foliage of such plants as cannas and caladiums was cut into shreds and nasturtiums were stripped to the stalk. In vegetables Lima beans seemed to suffer most, some of the early sowings being completely ruined. The season here so far has been very cool and wet; on Saturday the thermometer stood at 48 degrees. Most flowering plants have made very little growth so far, except dahlias and asters; they are looking excellent.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Or lease. A real bargain, consisting of 10,000 feet of glass and store; best retail trade and future in best city of Texas; reason for selling, engaged in other business and wishing to retire; little capital required for the right man. Address No. 177, care Florists' Review, Chicago.

FOR SALE—Some 10x14 and larger double thick glass at $2.60 per box. W. H. Salter, Rochester, N. Y.

BUSINESS CHANCE—For a good man acquainted with the grain and seed business, in a well established seed business in the west; some capital required; must be well up in bookkeeping. A chance of a lifetime for the right man. Write, giving ability, means and references. Address No. 180, care Florists' Review, Chicago.

SITUATION WANTED—In good seed house by experienced gardener, married, age 31, who has some experience in seed business and would like to work himself up in that line. Address No. 176, care Florists' Review, Chicago.

SITUATION WANTED—By florist, landscape gardener, grower, designer, etc.; life experience: private or commercial; would rent or run good place on shares; German, married, age 37; best references. Address Braun, box 54, Spencer, Mass.

FOR SALE—Three Foley Perfection ventilating machines at $3.50 each or $10.00 for three. Cash with order. G. W. Doswell & Son, Fort Wayne, Ind.

WANTED—A good rose and carnation grower to take charge of three greenhouses four miles from the city; good position for married man; nice five-room cottage and large garden spot; state wages, etc. Address No. 175, care Florists' Review, Chicago.

WANTED—A good all-round man; must be sober and a worker; wages $60 per month; state age and experience. Seattle Floral Co., Fourth Avenue and Denny Way, Seattle, Wash.

WANTED—Single man well up in general greenhouse work; steady employment for a good man; wages $12 per week; state experience and reference. W. W. Coles, Kokomo, Ind.

WANTED—A young man with some experience in a flower store; wages $9 to $10 per week and room. Address E. K., 568 N. Ashland Avenue, Chicago.

FOR SALE—14,000 feet of glass; well paying, in thriving town with six railroads, in central Indiana natural gas belt; best rose soil in country; large stock, in full running order; on time, at a bargain as the owner wishes to retire. Address No. 178, care Florists' Review, Chicago.

FOR SALE—New glass. 25 boxes 16x24 D. S. A. at $3.37 per box, and 25 boxes 16x18 D. S. A. at $3.05 per box. F. O. B. Chicago. Address No. 179, care Florists' Review, Chicago.

WANTED—Heater in good condition, with capacity to heat 1000 to 1500 feet of glass 55° when 15° below zero; Wilks' preferred. Address Box 12, Marshall, Ill.

FOR SALE—Cheap, a Kroeschell style boiler, been used four seasons, will heat 6000 feet of 4-inch pipe. Davis Bros., Morrison, Ill.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—Two greenhouses, one 22x125 feet, and one 10x125 feet; all double thick glass, with pipe, boiler, fittings and lumber, all complete; will sell for a little more than one-third of their original cost. Address Oscar F. Pabst, Rutledge, Delaware Co., Pa.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. 153 care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

WANTED—A practical grower who thoroughly understands the growing of roses, carnations, and plants under glass; must give good reference as to character, ability and habits; prefer man who has had some experience in the south. Address Post Office Box 474, Montgomery, Alabama.

WANTED—Good, single all-round man for cut flowers and pot plants; Dutch or German preferred; state wages with board and room. Address No. 171, care Florists' Review, Chicago.

WANTED—A second-hand first patent Carmody boiler. Address L. Heinl, Terre Haute Ind.

WANTED—Good man for greenhouse work; must be competent to take charge of a small place; near Chicago; young or middle aged married man preferred. Address, giving references and wages wanted, No. 169, care Florists' Review, Chicago.

FOR RENT—Four greenhouses, 10,000 feet of glass; everything in good order; only greenhouse here; population 40,000; would sell on easy terms. L. O'Sullivan, West Superior, Wis.

WANTED—To lease or buy greenhouse plant with store connected; must have good retail trade. Address No. 168, care Florists' Review, Chicago.

SITUATION WANTED—By good rose grower as section man or would run small place; references. Address No. 173, care Florists' Review, Chicago.

WANTED—Young man, competent to grow cut flowers and pot plants for retail trade. Address, with references and salary expected, A. M. Terrill, Box 37, Calgary, Alberta, Canada.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot. Also some 4-inch. W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouse establishment in good condition. Two greenhouses 20x100 ft., one built in 1900, the other in 1903; hot water heat; one house in mums, the other in carnations and smilax; a lot of new frames and sash; nearly 5 acres of land, about 4 under cultivation; horse, stable, delivery wagon, tools, etc.; only 18 miles from Pittsburg and in thriving town of 10,000; no opposition to amount to anything. Only those who have money and mean business need apply. For complete description, address No. 165, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. 149, care Florists' Review, Chicago.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

PRINTING Envelopes, Noteheads, Billheads, Statements, Cards, Shipping Tags printed in the best manner and sent by prepaid Express. Write us for prices.
Wickham Bros., 84 Vine St., Adrian, Mich.

Position Wanted
By a RELIABLE GROWER
of 16 years' experience (wholesale and retail) to take charge of the growing end of the business, where good stock and lots of it is wanted. Strictly sober and can furnish the best of references. Address No. 170, care Florists' Review, Chicago.

WANTED.
A good reliable man, capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.
J. P. WILCOX, COUNCIL BLUFFS, IA.

LEO NIESSEN.

A FULL LINE OF **Summer Flowers**

WE CLOSE AT 6 P. M.

Wholesale Florist, 1217 Arch St., PHILADELPHIA.

ROSES, CARNATIONS AND SWEET PEAS **EUGENE BERNHEIMER**

WHOLESALE FLORIST, 11 South 16th St., **PHILADELPHIA.**

Mention The Review when you write.

BERGER BROTHERS, Roses and Sweet Peas.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. **PHILADELPHIA.**

Mention The Review when you write.

Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioga 3669A.

ORCHIDS.

Arrived in perfect condition: Cattleya Trianae, Cattleya Labiata, Cattleya Gaskelliana and Cattleya Speciosissima. Also Oncidium Varicosum Rogersii, O. Splendidum, Laelias, Dendrobiums and others.

Write for special list of above.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

Philadelphia, July 6.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Bride and Bridesmaid	4.00 to 6.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 10.00
" Seconds	2.00 to 3.00
Orchids	50.00
Carnations, Commons	1.00
" Fancy	1.50 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprengeri Sprays	50.00
Lilium Auratum	doz. 1.00
Lily of the Valley	2.00 to 4.00
Smilax	15.00
Sweet Peas	.25 to .40
Petunias, double	1.00

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

WE find much valuable information in the REVIEW and would not care to do without it.—W. G. MOULTON & SON, York Village, Me.



WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	6 00 to 10 00
Golden Gate	3 00 to 6 00
Perle	3 00 to 6 00
La France	4 00 to 8 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

C. F. EDGAR & CO.

WHOLESALE FLORISTS

1516-18 Sansom St., Phila.

Roses, Carnations and Greens.

Mention The Review when you write.

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in **CUT FLOWERS**

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Roses, Sweet Peas.

1432 South Penn Square, **Philadelphia.**

Mention The Review when you write.

SUNLIGHT

A yellow sport from Sunrise that is also identical with Perle.

A few strong plants from 3-inch pots, 10 cents each.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN. PHILADELPHIA.

Mention The Review when you write.

ROSES

High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

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WYNCOTE, PA.

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Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

See page 33, May 26 issue, for prices.

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CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

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Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
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Telephone 756 Madison Square

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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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ORCHIDS A SPECIALTY.
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Special arrangements this season for the extensive handling of American Beauties.
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(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
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J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, July 4.

		Per 100	
Beauties,	Specials	$ 8.00 to	$10.00
"	Extra	4.00 to	5.00
"	No. 1	2.00 to	3.00
"	Shorts	1.00 to	2.00
Brides and Maids,	Specials	3.00 to	5.00
" "	Extra	2.00 to	3.00
" "	No. 1	1.00 to	2.00
" "	No. 2	.50 to	1.00
Golden Gate		1.00 to	4.00
Liberty		2.00 to	10.00
Ulrich Brunner		2.00 to	10.00
Orchids, Cattleyas		40.00 to	50.00
Carnations,	Common	.25 to	.50
"	Selects	.50 to	.75
"	Fancies	.75 to	1.00
"	Novelties	1.00 to	2.00
Adiantum Cuneatum		.25 to	.35
"	Croweanum		1.25
Asparagus Plumosus, strings		25.00 to	40.00
"	Sprengeri	8.00 to	10.00
Gladioli		2.00 to	5.00
Lilium Auratum		3.00 to	5.00
Lily of the Valley		1.00 to	3.00
Smilax		6.00 to	8.00
Sweet Peas, 100 bunches		2.00 to	5.00

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

JOSEPH S. FENRICH
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48 W. 30th Street, New York City.
Telephone No. 325 Madison Square.
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(Where Quality is First Consideration.)
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Geo. Saltford
WHOLESALE FLORIST,
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Telephone No. 3393 Madison Sq.
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NEW YORK CUT FLOWER CO.
GENERAL MANAGER
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Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. New York
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JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.
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When Writing Advertisers.

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Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

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The Pioneer House

and every variety of CUT FLOWERS

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Shipments daily all over the country.

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Coogan Building, 55-57 West 26th St. NEW YORK CITY.

Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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A Daily Cut from 40 Growers.

"Highest Qualities" as well as "Under Grades" at ruling market quotations.

We can and will supply your Cut Flower wants to advantage. We carry the

Most complete line of FLORISTS' SUPPLIES in the West.

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Pittsburg, July 6.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	15.00 to 20.00
" No. 1	5.00 to 10.00
" Shorts	3.00
Brides and Maids, Specials	6.00
" " " Extra	4.00 to 5.00
" " " No. 1	2.00 to 3.00
" " " No. 2	1.00
Cusin	2.00 to 3.00
Kaiserin	2.00 to 10.00
Liberty	2.00 to 6.00
Carnations, Common	.50 to .75
" Selects	1.00 to 1.25
" Fancies	1.50 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 2.00
Asters	.75 to 1.00
Gladiolus	3.00 to 6.00
Lilium Longiflorum	6.00 to 8.00
Lily of the Valley	2.00 to 4 00
Smilax	10.00 to 15.00
Sweet Peas	.25 to .50

Buffalo, July 6.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 4.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 8.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 5.00
Sunrise	2.00 to 3.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Gladiolus	2.00 to 4.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .15
Water Lilies	.50 to 3.00

I GO to the REVIEW, for I have learned by experience that it is the place to go for help in time of need; it gives help, sympathy, comfort and consolation; it finds buyers and sellers and brings them together; it keeps us posted in all lines belonging to the craft, and so I like it. —S. J. GALLOWAY, Eaton, O.

A. J. FELLOURIS,



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GALAX, Bronze or Green

$1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, .75 "



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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

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AND CUT FLOWER EXCHANGE,

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Telephones 798 and 799 Madison Square.

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A complete assortment of the best in the market can always be relied upon.

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BRIDES and MAIDS a Specialty.

GOOD GOODS. LOW PRICES.

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of good quality always on hand.

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MILWAUKEE, -- WIS.

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Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Chicago, July 6.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24 "		2.00
" 20 "		1.50
" 15 "		1.25
" 12 "		1.00
" Shorts	per 100, $4.00 to	6.00
		Per 100
Bridesmaids, Specials	$4.00 to	$ 5.00
" Firsts	2.00 to	3.00
Brides, Specials	4.00 to	5.00
" Firsts	2.00 to	3.00
Liberty, Specials	6.00 to	8.00
" Firsts	2.00 to	5.00
Golden Gate, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Kaiserin, Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Meteor, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Ivory, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Perles, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
La France	5.00 to	8.00
Carnations, Fancy		1.00
" Common	.50 to	.75
Peonies	per doz. .35 to	.75
Gladiolus	per doz. .75 to	1.50
Sweet Peas	.15 to	.40
Easter lilies, $1.00 to $1 50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Auratums	doz. 1.25 to	1.50
Water Lilies		1.00
Valley	4.00 to	5.00
Asparagus strings	40.00 to	50.00
" sprays	per bunch .35 to	.50
" Sprengeri	3.00 to	6.00
Smilax	per dozen	1.50
Galax	per 1000	1.25
Ferns	per 1000	1.00

"You may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper."—G. M. NAUMANN, Cleveland, O.

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Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds A LARGER VARIETY NOW than ever. TRY ME.
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Wholesale Growers of Cut Flowers.
Regular standing orders solicited.
Every facility for prompt shipment.

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STANDING ORDERS SOLICITED.
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Roses and Carnations A Specialty.....
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All telegraph and telephone orders given prompt attention.
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Fresh Stock always ready for orders.
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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. 26 Miami Ave., Detroit, Mich.

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Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, July 6.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	18.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Bride and Bridesmaid, Specials		6.00
" " Extra		4.00
" " No. 1		2.00
" " No. 2		1.00
Golden Gate		4.00
Kaiserin	4.00 to	6.00
Liberty	4.00 to	8.00
Mme. Chatenay		2.00
Meteors	2.00 to	4.00
Perle	2.00 to	4.00
Carnations, Selects		1.00
" Fancies		1.50
Adiantum Cuneatum		1.00
Asparagus plumosus, Strings		50.00
" " Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Daisies		.50
Lilium Longiflorum		12.50
Mignonette		2.00
Smilax	15.00 to	18.00
Sweet Peas		.25

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Consignments solicited. Special attention given to shipping orders.

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Prompt returns and best of care given all consignments.

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Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, July 6.

		Per doz.
Beauties, Specials	$2.00 to	$3.00
" Extra	1.00 to	1.50
" No. 1	.60 to	.75
		Per 100
Brides and Maids, Specials	$5.00 to	$6.00
" " Extra	4.00 to	5.00
" " No. 1	2.00 to	3.00
Carnot	3.00 to	5.00
Golden Gate	3.00 to	5.00
Kaiserin	3.00 to	5.00
Liberty	3.00 to	5.00
Meteor	3.00 to	4.00
Perle	2.00 to	3.00
Carnations, Common	.50 to	1.00
" Selects	1.50 to	2.00
" Fancies	2.50 to	3.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	25.00 to	35.00
" Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Asters	1.00 to	2.00
Daisies	.35 to	.50
Gladiolus	3.00 to	4.00
Hollyhocks	.50 to	1.00
Lily of the Valley	3.00 to	4.00
Smilax	15.00 to	18.00
Sweet Peas	.25 to	.35

Cincinnati, July 6.

		Per 100
Beauties, Specials		$25.00
" Extra	15.00 to	20.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Specials		5.00
" " Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Cusin	2.00 to	4.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	6.00
Meteor	2.00 to	5.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		1.50
" Selects	1.00 to	1.50
" Fancies	2.00 to	3.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus plumosus, strings		50.00
" " sprays	4.00 to	5.00
" Sprengeri "	2.00 to	3.00
Callas	8.00 to	10.00
Daisies	.25 to	1.00
Gladiolus	2.00 to	4.00
Lilium Longiflorum	10.00 to	12.50
Lily of the Valley	3.00 to	4.00
Peonies	3.00 to	5.00
Smilax	10.00 to	12.50
Stocks	2.00 to	4.00
Sweet Peas	.20 to	.40
Water Lilies	2.00 to	4.00

PETER WEILAND,

Wholesale Grower of CUT FLOWERS,

ROSES, CARNATIONS AND FERNS A SPECIALTY.

128 East 3rd St., CINCINNATI, OHIO,

Solicits your orders with confidence that he can serve you to your entire satisfaction.

Mention The Review when you write.

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine St., ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET

SELECT VALLEY, FANCY CARNATIONS in all varieties. BEST CALIFORNIA VIOLETS in this market.

Fancy Stock in all kinds of Roses. Complete line of Florists' Supplies.

LONG DISTANCE TELEPHONE MAIN 2018 M.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL,

546 Fifth Avenue,
Cor. 45th St., N.W.
New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.
Telephone Calls: 340 and 341 38th Street.

YOUNG & NUGENT,

42 WEST 28TH STREET, Tel. 2065 Madison Square. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited.
Orders from out-of-town FLORISTS for STEAMERS, COMMENCEMENTS, RECEPTIONS, etc., receive immediate and careful attention.

Satisfaction Guaranteed. Telegraph, Telephone or Write Us. Satisfaction Guaranteed

Mention The Review when you write.

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Just Arrived NEW CROP CAPE FLOWERS
Fine Cycas Leaves
Our Wheat Sheaves, Colored Immortelles and Supplies
OF ALL KINDS ARE THE STANDARD OF EXCELLENCE WHEREVER THEY GO.

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As carefully as you please,
But in spite of all your trouble,
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1220 Olive Street, **ST. LOUIS, MO.**

Shibeley The Florist,
311 SUTTER ST., **SAN FRANCISCO, CAL.**

FORT SMITH, ARK.

Fort Smith will have its second annual flower show this fall. B. D. Crane will be director and A. A. Pantet will be manager. The premium list is in course of preparation and will be issued in a few days.

A. G. Lee & Bro. report a very material increase in their business this spring. The flower show will be held in their large double store, with its four floors, which are offered free of charge.

C. J. Brockman will again engage in cut flower growing after three years spent in other pursuits. He has employed a grower to take charge.

G. H. Krone is showing some fine ferns. He is a believer in rich diet for this specialty.

Johnson & Co. are building a new greenhouse for cut flower purposes.

A. A. Pantet & Co., who are the largest growers here, have nearly completed the remodeling of their establishment. They expect by this means to double their output and hope to soon take up the wholesale business.

There is talk of organizing a florists' club here and we all hope it will succeed.

A ten-year-old plant of Phœnix reclinata at Pantet & Co.'s is showing a magnificent spike of bloom which is a great curiosity. ANDREA.

FERGUS FALLS, MINN.—S. N. Mehlin is building a considerable addition to his greenhouse on Mill street, planning to grow most of his cut flower requirements next season.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.
Very fine bronze and green **Galax,** selected stock, $1.00 per 1000.
Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.
Green Moss, $1.00 per bbl.
Sphagnum Moss, 50c per bag; $1.00 per bbl.
Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
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11 Province St., BOSTON, MASS.
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CINCINNATI.

The Market.

It is a hard matter at this time of the year to find anything that is of sufficient interest to write about. The Fourth of July is now a thing of the past and with it the last lively business that we can hope for until September. An occasional funeral order will help to keep stock moving, but otherwise there is nothing. Then, too, it is a good thing that there is not so much business, as flowers are now getting pretty scarce.

There are practically no roses at all. Carnations are not nearly so plentiful, but some of them are of very good quality for so late in the season. Sweet peas, though, are coming by the thousand and they are of fine quality. But owing to the large numbers of them they scarcely pay for the picking. Lilies have been in good demand but are now scarce. There is plenty of feverfew, stocks, candytuft, etc., and not such a very lively demand for it. Shasta daisies of fine quality are to be had and there are lots of them, but they don't sell any too well. A few of the best bring $1 per 100, but most of them sell at about 25 cents. Smilax, plumosus, Sprengeri, adiantum and eastern ferns are plentiful.

Various Notes.

Saturday is the regular meeting of the Florists' Society and the new officers will take hold for the first time. A meeting of the board was held the past week and they elected the following officers for the ensuing year: Ben. George, president; Gus Adrian, vice-president; George Murphy, secretary and J. W. Rodgers, treasurer.

Tickets are out for the annual outing to be held Thursday, July 21, at Coney Island. They are to be had at all the commission houses and of the members of the committee. There will be all kinds of events for men, women and children, with prizes for all. The bowling contests for both ladies and men, also the ball game, will be the especial features. The committee is hustling things and there will, without doubt, be a big crowd this year.

E. G. Hill was a caller.

Paul F. Peters, who lived on Price Hill, died on June 28. He was born March 25, 1855, in Dahlen, about thirty miles from Leipzic, Germany. He spent his early days at Schloss Thallwitz, in the park of Prince Henry the 67th of Reuss. Later his father conducted an extensive florist's business in Leipzic. Paul at 17 years of age journeyed to Brazil, where he lived several years. Then came to the United States and finally settled in Cincinnati, where he was engaged with his brother, C. A. Peters, in the landscape gardening, also general florists' business. He leaves two brothers, P. F. Peters, of Cincinnati, and C. A. Peters, of Huntington, W. Va., also two sisters who are living in Leipzic.

C. J. OHMER.

LA FAYETTE, IND.

J. Baldwin, the veteran florist of this city, died at the home of his daughter in Cleveland, O., June 29. He had been seriously ill for four months or more. He had a small but prosperous establishment at 1917 Kossuth street.

COLUMBUS, O.—Cards are out for the wedding of William Graff and Miss Theresa Aaron July 20.

SPRINGFIELD, ILL.—Geo. Van Horn, who has been with Louis Unverzagt for twenty years, has bought the stock of the Capitol Greenhouse and will continue the business.

SOUTH BEND, IND.—Herman Beyer, who was formerly with the Peterson Nursery at Chicago and recently in charge of the Oliver greenhouses here has succeeded Jno. G. Barker as superintendent of parks.

PAOLA, KANS.—On the night of July 2 a burglar entered the home of A. Roth and robbed him of a small sum of money after beating him so severely that he is not expected to live. Mr. Roth is 50 years of age.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE fall business of the dealers in ornamental nursery stock promises to be exceptionally good this season, partly due to losses last winter.

IF the national government is to continue the inspection of meats there is no reason why it should not provide for the inspection of nursery stock, since its failure to do so inflicts a loss both on dealer and planter.

THIS is proving a bad season in many sections for nurserymen whose practice it is to guarantee their plantings for one, two or more years. The hard winter, the late spring and the lack of rain are causing more than the usual percentage of loss.

ARTICLES of incorporation of the American Peony Society were filed at Albany, N. Y., July 2. The directors named are J. H. Humphreys, of Philadelphia; E. A. Reeves, Cleveland; C. S. Harrison, York, Neb.; W. A. Peterson, Chicago, and G. A. Bryant, Princeton, Ill.

"Where a man has a local market," says an eastern nurseryman, "he can make something of Christmas trees, but if he has to ship them to the large cities to be sold on commission he had better go to work for 50 cents a day. We have been growing them for several years."

PROF. L. C. CORBETT, horticulturist in the Bureau of Plant Industry, U. S. Department of Agriculture, is the author of a 24-page monograph on the strawberry, just issued as Farmers' Bulletin No. 198. The subject is treated fully and the bulletin will be of value to every grower of the fruit, including the nurserymen who are producing the plants by the hundreds of thousands each year.

As a rule, says Charles Black, a tree should never be planted any deeper than it has stood in the nursery, and a great many trees are ruined by planting them too deep. But there are some trees like the quince that it would not injure. If you have an apple or a standard pear tree planted a little deep on ordinary soils there would be no injury. But if you plant a peach tree on any soil three, four or five inches deeper than it stood in the nursery, it will very often not be successful.

NAME OF TREE.

We enclose a few sprays of a very pretty tree, of which we would like to know the name. It grows of a conical shape, without trimming.

J. H. D. & SON.

The name of the tree is the American white basswood, Tilia heterophylla. It is also called the variable-leaved linden. The conspicuous veining on the under side of the leaves is one of its distinguishing characteristics. This makes a very pretty tree, attaining a height of from thirty to fifty feet. W. N. CRAIG.

AMPELOPSIS VEITCHII.

Will some one kindly state the cause of a sort of blight on Ampelopsis Veitchii? In this locality there are several vines partially wilted, as though something were at the roots, but it only affects perhaps one branch. The only thing we discover is a worm similar to the caterpillar, only smaller, but they work in the leaves. Can anyone suggest a remedy? S. F. C.

The trouble with Ampelopsis Veitchii seems to be very general this year, but it has been more or less prevalent for a number of years. We are unable to tell the cause of whole branches dying, although we have been troubled with it for years, nor have we found anyone who can find a proper cause for the same. To some extent the wholesale dying noticed this year may justly be attributed to the late severe winter. Many plants leaved out and then withered away, having little vitality left.

Many of the streets in Boston have the fronts of nearly all the houses covered with Amepelopsis Veitchii, and this dying out tendency seems to be on the increase yearly. In Newport, R. I., we noticed many similar cases a few days ago. The disease acts similarly to the fire blight on pear trees, and we hope bacteriologists may be able to suggest some remedy for it.

The spotting of the leaves is quite common. Spraying with Bordeaux mixture before this blight shows itself will keep it in check. If worms are troublesome a dose of Paris green will clean them out. Disparene or arsenate of lead is equally efficacious but whitens the leaves so much that they are rather unsightly.

The late severe winter killed many Ampelopsis Veitchii in this section to the ground. It is unfortunate that these diseases are likewise affecting this best of all climbers. W. N. CRAIG.

GREENHOUSE BUILDING.

It is the general report among greenhouse material firms that the season started very inauspiciously. The big orders which may ordinarily be looked for in January were very few in number and were so sharply competed for that prices were very close. There was the usual volume of inquiries for estimates and the draughtsmen put in the customary amount of overtime, but it was slow work closing up contracts, with the result that the material men had fallen considerably below last season's record at the time frost was out of the ground. Since then the demand has been steadily gaining impetus and the late business has in many instances more than made up previous losses. It is notable that this season's building is by the hundreds of scattered florists who retail their own product rather than by the big growers for the cut flower markets, who have built so extensively in recent years.

BALTIMORE, MD.—Fred G. Burger is adding one house to his establishment this season.

DETROIT, MICH.—The Michigan Cut Flower Exchange is building a fine four-story brick building close to its present location which will soon be ready for occupancy. The basement will be used for cut flowers and the second floor for supplies, of which a large line will be carried.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft. ..... 20.00 "

1000 Coreopsis, strong clumps..... 4.00 per 100.
Achillea The Pearl, strong clumps. 6.00 "
Gaillardia Grandiflora, clumps..... 5.00 "
Golden Glow, strong clumps ..... 2.50 "
Helianthus Maximiliani..... 2.50 "
Roseum ..... 3.00 "

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.
Box 100.
Mention The Review when you write.

PETERSON NURSERY,
170 La Salle St., CHICAGO.
PEONIES and Hardy Ornamental Stock
Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.
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VAN DER WEIJDEN & CO.
The Nurseries, BOSKOOP, HOLLAND.
NURSERY STOCK. FLORIST STOCK.
Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.
Ask for prices. Catalogue free on demand. No agents.
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You can Plant at any time
H. P. and other Roses from 4 and 5-in. pots, fine plants. Crimson and Yellow Rambler, Clothilde Soupert, Coquette des Blanches, La France, Gen. Jacq. etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., at 18c.; one-year, from 3-in., 9c. Clematis Paniculata, from 4 and 5-in. pots, 12c. Ampelopsis Veitchii, 4 and 5-in., 10c. Perennial Phlox, fine named sorts, 4-in., 10c. Golden Glow, 4-in., 10c.
PACKING FREE FOR CASH.
W. H. SALTER, ROCHESTER, N. Y.
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EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
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The Cottage Gardens Company,
INCORPORATED.
Queens, Long Island, New York.
Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.
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W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
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VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
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NEPHROLEPIS SCOTTII

THE MOST GRACEFUL AND SYMMETRICAL NEPHROLEPIS KNOWN. IT MAKES THREE TIMES AS MANY FRONDS AS THE BOSTON FERN IN A GIVEN TIME.

PRICES—Very heavy 4-inch pot plants, ready for 6-inch pots, $12.00 per doz.; $75.00 per 100: 25 at 100 rate. Strong transplanted runners from the bench or 2¼-inch pots, $4.00 per doz.; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-inch pans, $3.50 each; 10-inch pans $5.00 each. I have decided to give buyers the option of taking either transplanted runners from the bench or 2¼-inch potted stock.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

PITTSBURG.

The Market.

Business in cut flowers is very dull; a week of unreasonable weather with plenty of rain is partly at fault. We are in the midst of a general glut. Carnations and roses are suffering the most, and no fixed values are placed on stock. Sweet peas are very plentiful and meet with fair sale. Some few good asters are being received, but are only bought for the sake of novelty. Outdoor stock is abundant. Quantities of delphiniums, candidum lilies and gaillardias are arriving.

Various Notes.

Mrs. E. A. Williams' Knoxville plant is now well under way and will be ready about August 1. During the months of July and August the Penn avenue store will close at 5 p. m.

A. W. Smith reports business of June up to last year. This firm is handling quantities of very fine outdoor flowers from its Ohio farm.

E. C. Ludwig expects to occupy his new store room on East Diamond street, Allegheny, about August 1. With a modern greenhouse in the rear of the store Mr. Ludwig will have one of the most complete retail places in the two cities.

The Pittsburg Cut Flower Co. is handling large consignments of valley and Beauties and some very fine white irises.

Mr. and Mrs. J. W. Ludwig celebrated their silver wedding last Sunday, July 3.

Philip Langhans is packing his fishing tackle box. Phil showed the writer a trolling-spoon of his own handiwork, with which he intends to take a few of Mr. Roney's (Lakeview Rose Gardens) famous muskallonge out of Chautauqua lake.

W. Q. Potter has returned from Chicago and the northwest, where he was spending his vacation.

David Geddis is preparing for a trip to Templeton, Pa. Hoo-Hoo.

BROOKLYN, N. Y.—Ulrich Bros. are building a new greenhouse 20x71 to cost $400 at 306 Pennsylvania avenue.

WASHINGTON, D. C.—Peter Becker, a former employe of the American Rose Co., hanged himself in one of the greenhouses in that establishment June 26. He was 42 years of age.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

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Primroses

	Per 100.
Chinese, 2-inch pots	$2.00
Obconica Alba Rosea	2.00
Forbesi, all ready in July	2.00
1000 Smilax	1.25

Asparagus

	Per 100.
Plumosus Nanus seedlings	$1.75
" 2-inch pot, July	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed $4.50 per 1000.	

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

Boston Ferns. Prices: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. 6-in., 40c; 7-in., 60c; 8-in., 75c each.

Piersoni Ferns. 2½-in., $8.00 per 100; 4-in., 35c each; 5-in., 50c each. Strong young plants from the bench at $4.00 per 100; $30.00 per 1000.

ALTERNANTHERAS. Red and Yellow, strong rooted cuttings, 50c per 100; $4.00 per 1000. Special price on large quantities.

DAVIS BROS., Morrison, Ill. and Geneva, Ill.

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NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA. **S. S. SKIDELSKY,** 324 N. 24th St. PHILADELPHIA.

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DEARBORN ENGRAVING CO.,

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The Springfield Floral Company

SPRINGFIELD, OHIO.

Asparagus Plumosus Nanus, 2½-in., per 100, $3.00 per 1000, $25.00; 4-inch	" 8.00
Honeysuckles, Golden Leaved, Chinese Evergreen and Halliana, 2½-inch	per 100, $2 00
Lantanas, 5 sorts, 2½-inch	" 2.00
Begonias, assorted, 2½-inch	" 2 00
Oleander, 2½-inch, double white and double pink	" 2 50
Heliotrope, Florence Nightengale, 2½-inch	" 2.00

Violets, Princess of Wales, California and Swanley White, 2½-in., per 100, $2.00; per 1000, $18.00.

Achillea, The Pearl, 2½-inch, per 100, $2 00; per 1000, $18 00.

Hydrangea Monstrosa, 2½-inch, per 100, $3.00; per 1000, $25.00.

Geraniums, Jean Viaud, La Favorite, per 100, $2.50; per 1000, $20 00; our selection of varieties in assorted kinds, per 100, $2.00; per 1000, $18 00.

Cannas, Austria, strong plants from 2½-inch pots, per 100, $3.00; per 1000, $25.00.

Fuchsias, 2½-inch, double white and double purple and assorted single varieties, per 100, $2.00.

Abutilons, Souv. de Bonn, Eclipse, Golden Bell and Infanta Eulalia, 2½-inch, per 100, $2.00.

Rudbeckia (Golden Glow), 2½-inch, per 100, $2 00.

Chrysanthemums, 2½-inch, assorted varieties, per 100, $2.00; per 1000, $18.00.

Roses, Marechal Niel, The Bride, Ball of Snow, 2½-inch, per 100, $2.50; per 1000, $20.00. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snowflake, 2½-inch, per 100, $2.00; per 1000, $18.00.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

Another week of quiet business and very cool weather. Flowers of the cheaper grades are plentiful but fancy roses or carnations are not much in evidence. The retailers do not seem to mind that fact, however, as there is very little demand for stock of any kind and the cheaper they can keep their show-windows filled with flowers the better they are satisfied. It has been a very favorable season for outdoor roses of all kinds and Gen. Jacqueminot flowers have been used more lavishly than ever before to keep the display up. They sell wholesale at from $1 to $1.50 per hundred and retail at about three times that price. Carnations, except fancy stock, are plentiful and very cheap. Portia, Joost and Scott can be had at almost any figure unless they are choice, in which case they cost the retailers about $1 per hundred. The stems on the great majority of them, however, are weak and the flowers poor and they are sold principally to the street venders. Crocker, Hill, Estelle, Schwerin, Triumph and several other sorts bring $2 wholesale if they are good. Some fancy Lawson are being held at about $3 per hundred and this price is about as high as anything has reached for the past several months. Good roses are still scarce and Beauties, although offered only in small quantities, are bought up quickly enough at from $1.50 to $2 per dozen. Many of our growers are drying off their houses at this time and that always makes a scarcity of flowers.

Various Notes.

Miss Charlotte F. Williams had an elaborate decoration at the home of A. Schilling, in Oakland, on Tuesday of this week.

A visit to the nurseries of H. Plath at Ocean View, finds everything in good order. Mr. Plath devotes about twenty large houses to the culture of ferns, palms and smilax. He has probably the largest collection of adiantums in this vicinity and his stock looks remarkably well at this time. He has named his place "The Ferneries" and it fits the greenhouses well. He will be ready in a few weeks to cut some splendid long smilax.

P. J. Keller, horticultural inspector of Alameda county rejected two large cases of orchids that were being delivered to J. P. Siegfried, of Alameda, last week. Mr. Keller found a new species of orchid beetle on the plants.

G.

GREEN LADY BIRDS.

Beginning during the month of June and continuing through July, August and September the green lady bird is one of the most destructive pests with which the grower who handles outdoor cut flowers has to contend. In many places, however, the climate is so moist, windy in the daytime and foggy during the night and early morning, that the lady bird does no damage and it is possible to grow flowers that are not half eaten up by this miserable insect. At Oakland and anywhere that is distant enough from the water so that the benefit of the foggy nights is not felt, the lady birds have everything their own way and they do a great deal of damage in the summer and early fall. They are especially fond of dahlies, coreopsis, carnations, roses and chrysanthemums and the flowers are usually destroyed long before they are out of the bud. I have tried many preparations to get rid of these troublesome lady birds and have found Paris green to be the best thing to check their ravages. A tablespoonful dissolved in a three-gallon watering pot and sprinkled copiously over the affected plants daily for a week and afterwards about twice a week throughout the season I have found to be satisfactory. Of course if a grower has a great quantity of stock it is almost out of the question to treat it in this way but I consider this the best method. The Paris green, being in such weak solution, dries off the flower and does not leave any stain that is noticeable and is perfectly harmless to the plant.

G.

MILWAUKEE.

The Florists' Club held its regular meeting at the club room Tuesday evening and quite a large attendance was present. The club has decided to hold a picnic at Oconomowoc Lake, July 17, and the arrangements committee has arranged to charter a special car to take out the party.

It appears that there will be quite a few from here attending the convention at St. Louis and this matter will be taken up at the picnic to see how many are going.

Trade in general has been very brisk right up to the Fourth of July but since that time it has been rather quiet.

Incog.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

Asparagus Sprengeri is in demand at Covent Garden, being used extensively for filling window boxes.

Rose Perle des Neiges is a pure white polyantha variety, with pretty and perfectly double flowers. It was given an award of merit when shown recently by W. Paul & Son, Waltham Cross.

For growing specimens of Begonia Gloire de Lorraine of the largest size, heat, atmospheric moisture and shade are essential. It is also necessary to select plants for growing in this way, choosing those which exhibit a tendency to produce lateral shoots at each joint of the central stem. The shoots should not be pinched, as they branch freely naturally, and will grow into bushy plants with a central leader, which should be supported as soon as necessary by a neat stake. In due course the side shoots should be loosely slung to this stake, in order to secure the pyramidal habit of growth to which these plants so readily lend themselves.

Cooper, Taber & Co. say of the charming French pansy, Mme. Perret: "This is a break from the Trimardeau having a great range of colors, all the flowers being tinged with red wine color. Comparing it with other strains of pansy we find this to be the earliest large-flowering variety now in culture. The flowers are not only large in size, being two and one-half inches across, but also delightfully sweet."

We find on examination that many grades of sulphur now being sold contain sulphuric acid, sometimes in quantity sufficient to injure delicate foliage. It therefore behooves all users of sulphur for horticultural purposes to stipulate, when buying, for the very best flowers of sulphur, which, when shaken up with cold water, will not appreciably affect neutral litmus.

100,000 CALLA BULBS.

READY TO SHIP

1 inch diameter, $25.00 per 1000 | 2 inch diameter, $45.00 per 1000
1½ " 35.00 " | 2½ " 65.00 "
3-inch monsters, 95.00 " 250 at 1000 rate prepaid to your city.

ASPARAGUS PLUMOSUS NANUS — Strong, 2-inch, $20.00 per 1000. 250 at 1000 rate. Express prepaid. **New Crop GIANT MIXED PANSY SEED**—¼ oz., $1.00; oz., $4.00. **New Crop IMPORTED SHASTA DAISY SEED** — Trade packet, 25c; $5.00 per oz.; $50.00 per lb. Terms cash with order only.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

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Position Wanted in California only

By Experienced Nurseryman and Florist.

First-class propagator; several years' experience on the Coast before. Prefer to take charge of a smaller place where owner intends to retire from business, with chance of buying or renting place. Address—

No. 174, care Florists' Review, Chicago.

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BASSETT & WASHBURN'S ANNUAL CLEARING SALE OF

CHOICE ROSE PLANTS

2000 AMERICAN BEAUTIES, 2½-inch pots	per thousand,	$40.00
5000 CHATENAY, 3-inch pots	"	50.00
4000 BRIDES, 2-inch pots	"	25.00
4000 MAIDS, 2-inch pots	"	20.00
12000 AMERICAN BEAUTY PLANTS, from benches	"	25.00
12000 MAIDS and BRIDES, Grafted plants from benches	"	25.00

All plants shipped from Hinsdale and GUARANTEED CHOICE CLEAN STOCK, WELL GROWN.

BASSETT & WASHBURN,

Greenhouses, Hinsdale, Ill. Office and Store, 76 Wabash Ave., CHICAGO.

Mention The Review when you write.

CHOICE

PANSY SEED

Special mixture from named varieties, or colors separate if desired.

Extra Fine Strains

Trade Packet 25c; ¼ oz. 75c; oz. $2.50.

MURRAY'S SEED STORE

Peoria, - - - Illinois

Mention The Review when you write.

Pansy Seed.

Brown's Extra Select Superb Giant Prize Pansy Seed, my own growing.

NEW 1904 CROP.

Price mixed, 3000 seeds, $1.00.

¼ oz., $1.50; ⅛ oz., $2.50; 1 oz., $5.00.
¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00.

Cash with order.

Plants ready September 1.

PETER BROWN, Pansy Grower,

LANCASTER, PA.

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AA SEEDS.

PRIMROSE IMPROVED CHINESE.

Finest grown, large flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half pkt., 50c. Plants ready in July, $2.00 per 100.

CINERARIA—Finest large flowering dwarf, mixed, 1000 seeds, 50c. Plants ready in July.

PANSY—Finest Giants, mixed, critically selected, 5,000 seeds, $1.00; half pkt., 50c.

☐ 500 seeds of Giant "Mme. Perret" added to every $1.00 pkt. of Giant Pansy seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP,

The Home of Primroses. SHIREMANSTOWN, PA.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at $1.00 each.

DENYS ZIRNGIEBEL, Needham, Mass.

Mention The Review when you write.

ROSES -- Strictly No. 1 Stock.

Maids, Brides, Gates, 2½-inch, $2.50 per 100; $20.00 per 1000. **Perles,** 2½-inch, $3.00 per 100; $25.00 per 1000. **Maids, Brides, Gates, Perles,** 3½-inch, $45.00 per 1000. Cut back, bench **Beauties.** A few thousand fine plants remaining, $35.00 per 1000. Elegant stock for benching. **Beauties,** 2½-inch, $40.00 per 1000; 3½-inch, $55.00 per 1000.

Prices are extremely low, considering quality of stock. We have to dispose of them to finish planting. Orders booked for delivery any time during July.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Willowbrook	$1.50	$2.50
Estelle	1.50	2.50
Geo. S. Kalb	1.50	2.50
Timothy Eaton	2.00	3.00
White Bonnaffon	2.00	3.00
Merry Christmas	1.50	2.50
Wanamaker	1.50	2.50
Robinson	1.50	2.50
Chadwick	2.50	4.00
W. Fitz	2.00	3.00
Crawford	1.50	2.50
Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
Major Bonnaffon	1.50	2.50
Appleton	1.50	2.50
E. D. Smith	1.50	2.50

Yellow.	R. C. Per 100	2½-in. Per 100
Whilldin	$1.50	$2.50
Omega	1.50	2.50
Parr	1.50	2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold	2.00	3.00
Golden Wedding	2.00	3.00
Yellow Jones	2.00	3.00
Goldmine	2.00	3.00
Pennsylvania	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Yellow Eaton	2.50	4.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Morel	1.50	2.50
Maud Dean	1.50	2.50
Liger	1.50	2.50
Richardson	1.50	2.50
Xeno	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Childs	2.00	3.00
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00
Bronze.		
Lady Hanham	2.00	3.00

Pink, Duckham R. C. ..... $25.00 per 100

HEADQUARTERS FOR FINEST CUT ROSES.

Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.

Poehlmann Bros. Company,

MORTON GROVE, COOK CO., ILL. [redacted]

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PERRET'S GIANT PANSIES

This is a very fine strain of pansies with flowers of extraordinary size, reaching 3 to 3½-inches in diameter. They were awarded a **Gold Medal** at Buffalo Exhibition of 1901. Trade pkt., 3000 seeds, $1.00; half-pkt., 50c; oz., $4.00; ⅛-oz., $2.50.

HUBERT & COMPANY,

N. Le PAGE, Rep., Mt. Vernon, N.Y.

Send for our bulb catalogue before ordering elsewhere.

Strictly fancy

AM. BEAUTY and PERLE ROSES

as well as other varieties can be had at once by writing **Geo. A. Kuhl, Pekin, Ill.** Everything sent out is strictly first-class and guaranteed to give satisfaction.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

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Chrysanthemum Plants

2½-inch pots.

Glory Pacific, Black Hawk, Kalb, M. Wanamaker, John Lager, $2.00 per 100.

Pink and White Ivory, Mrs. Robinson, Major Bonnaffon, Col. Appleton, $2.50 per 100.

Maud Dean, Mrs. Coombes, W. H. Chadwick, Mrs. J. Jones, The Harriott and Golden Wedding, $3.00 per 100.

Rooted Cuttings at half above rates.

C. W. BLATCHLEY, Plantsville, Conn.

Mention The Review when you write.

Chrysanthemums

2-inch pots $2.50 per 100; 3-inch, $4.00

Chadwick, Jerome Jones, Baden Powell, Murdock, Golden Wedding, Louis Leroux, Glory Pacific, Col. Appleton.

COLBUS—2½-in., $2.00 per 100.

Roses 2½-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Ivory, Golden Gate.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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DENVER.

Getting summer work finished up seems to be the principal business of the florists out here at the present time, and this, when properly carried out, is trying enough for anybody during the hot days we are now experiencing. Most of the florists have taken time by the forelock and have nearly everything planted out for fall and winter. Particularly is this noticeable at the Park Floral Company's establishment. Roses and carnations are away ahead of any previous year. Such stock having been planted directly after the old plants were removed to lath houses in the field, enabled them to take a good root hold in the soil before hot weather set in, and the old stock of carnations which were replanted in the canvas houses in May are doing remarkably well for stock that has bloomed well throughout the previous winter. In fact, Enchantress treated in this manner is now furnishing the best flowers in the market. Lawson has done equally as well and the returns from both are very acceptable at this time, when good flowers are scarce. Some of those summer houses are filled with roses and are now producing better character of flowers than those in the open ground, particularly in the case of American Beauties, where the flowers are a better color and stems much longer.

Owing to plenty of rain this spring perennials have been exceptionally fine. Peonies are getting quite popular on the market, and W. W. Wilmore is producing them as extensively as the dahlias and of equally good character, for which he is justly noted. The columbine is now in its prime in the mountains. It has become a commercial plant and much sought after by tourists. It should be seen in its native haunts for one to thoroughly appreciate its beauty, and under fair cultivation it is a prolific bloomer. The Park Floral Co. could cut, at any period of its blooming season, 1,000 sprays. The delphiniums are now in full bloom in the foothills. Scott had an elaborate window decoration quite recently of D. bicolor and Aquilegia cærulea, which blended very nicely and demonstrated to some extent the floral resources of our state. More work of like character would be much appreciated by the resident as well as the tourist, especially as our state is inexhaustible in good material and some of the fraternity are frequently making visits to where they are found in all their glory.

Ben Boldt has closed a deal with Daniels & Fisher for a long lease on the Mud Lake greenhouses, with the privilege of purchasing same at any time he desires.

Geo. Brinkert, of University Park, has about completed his new range of glass of about 10,000 feet.

The professional anglers of the business, Messrs. Valentine and Benson, are making extensive preparations for an indefinite siege on the speckled beauties in the Gunnison country where the finny race abound in unlimited quantity and as large as the Scotch salmon.

GREAT DIVIDE.

HARTFORD CITY, IND.—John S. Leach some time since bought out the Hartford City Floral Co., Sarah D. Anderman, deceased, and is now the only florist in the county. He operates the recently acquired property as an up-town branch.

ROSE PLANTS

My stock of 2 and 3-inch roses are large, clean, fine plants. Prices at which I offer these plants will move them quick. So don't delay your order.

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Bridesmaids	2.50	20.00
Brides	2.50	20.00
Perle	2.50	20.00
Golden Gate	2.50	20.00
Ivory	2.50	20.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

GEORGE REINBERG,
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

LAWSON.....

Field plants, extra strong, $50.00 per 1000.

WEILAND & RISCH
59 Wabash Ave., CHICAGO.

Mention The Review when you write.

ROSES. 3½-inch pots. First-class Plants.

1000 Sunset, 800 Brides, 300 Meteor,
1000 Chatenay, 700 Golden Gate, 300 Haste,
1000 Maids, 300 Sunrise, 150 Liberty.

$6.00 per 100.

P. R. QUINLAN & CO., SYRACUSE, N. Y.

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3-inch ROSES Splendid Strong Stock. Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Beauties	5.00	45.00
Perles, very fine	5.00	50.00
2½-INCH.		
Brides, Ivory	2.50	20.00
Beauties	3.00	25.00

Very low prices for very choice plants. Order at once. Stock will not last long at such prices.

W. H. GULLETT & SONS, Lincoln, Ill.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, **$3.00** per 100 Cash or C.O.D.

A. M. SCHAFER, 229 Belmoral Ave., CHICAGO.

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10,000 Brides and Maids

A1 stock, ready for planting. Own roots, 3-in., ready for shift, $60 per 1000; 4-in., $100 per 1000.

GRAFTED STOCK. 3-in. Maids, $15 per 100; 4-in., Brides and Maids, $20 per 100.

Pittsburgh Rose and Carnation Co.
Crystal Farm, GIBSONIA P. O., PA.

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A GREAT OFFER!

In Boston Ferns 2 and 3½-inch, fine plants for growing on at $3.75 per 100; $35.00 per 1000.

PALMS—Kentia Belmoreana and Forsteriana, 3-inch pots, cool grown, with 5 to 6 leaves and dwarf, $12.00 per 100.

COLEUS—Golden Bedder and Verschaffeltii and 10 other varieties, 2 inch pots, $2.00 per 100; $18.00 per 1000.

ASTERS—In all varieties and mixed transplanted, 60c per 100; $5.00 per 1000.

CONVERSE GREENHOUSES, Webster, Mass.

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ROSE PLANTS

Strong Stock from 2½-in. pots.

Low Prices to close out.

UNCLE JOHN

The finest pink rose yet introduced, beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$3.00	$25.00
Sunrise	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Perle	2.50	20.00
Golden Gate	2.50	20.00

3-INCH POTS.

	Per 100	1000
Beauty	$6.00	$50.00
Chatenay	5.00	40.00
Maid	3.50	30.00
Bride	3.50	30.00
Perle	3.50	30.00
Golden Gate	3.50	30.00

4-INCH POTS.

	Per 100	1000
La France	$5.00	$40.00

ONE-YEAR-OLD PLANTS
From Benches.

American Beauty

$5.00....per 100; $40.00....per 1000

	Per 100	1000
Liberty	$5.00	$40.00
La France	5.00	40.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG
51 Wabash Avenue, CHICAGO.

AUCTION! Establishment of Albert Fuchs

I will **POSITIVELY** sell to the highest bidder on **July 14th at 10 A. M.**, 50,000 Palms and Ferns, also several Greenhouses with Ventilators, pipe, etc. For complete list of stock and present selling prices see last week's issue of American Florist, Florists' Review or Florists' Exchange.

I further agree to pay $10.00 to every Florist attending the Auction providing sale is not held as above advertised. You will not be disappointed as after this date, July 7th, no private offers will be considered.

All orders received previous to Auction will be filed same day as received and at prices as advertised in last week's trade papers.

Mr. Edw. Amerpohl, Janesville, Wisconsin, who has bought part of houses and fixtures advises us that he would not now take double the price paid for them.

ALBERT FUCHS, 2045 N. Halsted Street, CHICAGO, ILL.

E. F. Winterson Co. {E. F. WINTERSON, JOHN P. DEGNAN, L. H. WINTERSON} **Auctioneer's Superintendent.**

Try a few of the new ones

and find out that the **Australian-English Mums**, including the **Famous "Wells-Pockett" Set** and other notables, the French and English and the new Americans are the coming thing in Chrysanthemums. **Get the stock now** and get up in the front line. Nothing has yet been found in the Chrysanthemum that will stand up to these new sorts.

Australian-English and Wells-Pockett Set:

Ben Wells	Maynell
Donald McLeod	Miss Olive Miller
Gen. Hutton	S. T. Wright
Harry Plumridge	W. Duckham
Kimberly	Carrie
Mildred Ware	Cecil Cutts
Miss Ida Barwood	F. A. Cobbold
Mrs. J. I. Thornycroft	Harrison Dick
Terra Cotta	John Fraser
W. R. Church	Leila Filkins
Cheltoni	Mary Inglis
Ethel Fitzroy	Miss R. Hunt
Guy Hamilton	Mrs. F. S. Vallis
Hester Edwards	W. A. Etherington
Lord Alverstone	Goacher's Crimson

FRENCH:

Amateur Charvet	Boccace
Baron Chiseuil	Dr. Enguehard
Etienne Bonnefond	Jean Calvat
Lohengrin	La Fusion
Mlle. Marthe Morel	Mlle. Jh. Perraud
Mme. Paul Sahut	M. F. Vuillermet
Pres. Viger	Pres. Rocheterie

AMERICAN:

Miss Helen Frick	Mrs. Nathan Smith
Rockford	John Burton
Mrs. H. W. Buckbee	Mme. Cadbury
Mme. Diedereichs	Golden Chain, or Climbing Chrysanthemum
Miss Alice Byron	
Golden Age	

Assorted dozens, all different, **$3.00** per doz. Strong, 2 and 2½-inch pots. No less than one dozen sent for one order. The whole set, one each of all varieties, at same rate.

The old standard sorts:

Estelle, best early white	Lavender Queen
Polly Rose, extra good, early white	Mrs. Murdock
Henderson	Appleton
Golden Wedding	Chadwick
Silver Wedding	White and Yellow Jones
	Mrs. Coombes

Nellie Pockett

All fine stock, 2½-inch pots.

$2.50 per 100; $20 per 1000

CASH WITH ORDER.
SATISFACTION GUARANTEED.

"CRITCHELL'S"

Avondale,
CINCINNATI, OHIO.

Mention The Review when you write.

ASPARAGUS Plumosus Nanus Seed

AND SEEDLINGS

$3.50 per 1000. Larger quantities less. Guaranteed true to name and of highest germinating quality.

SEEDLINGS—Ready for potting. $12.00 per 1000. Express prepaid.

Drake Point Greenhouses, Yalaha, Florida.

Mention The Review when you write.

SMITH'S Chrysanthemum Manual

By ELMER D. SMITH.

The most complete and up-to-date treatise on the Chrysanthemum. This work is brief, yet complete, giving every detail from the care of Stock Plants to Staging Exhibits.

EIGHTY PAGES. FULLY ILLUSTRATED.

Sent Post-paid for 25 Cents by

NATHAN SMITH & SON, - Adrian, Mich.

Mention The Review when you write.

CHRYSANTHEMUMS

Young Stock, 2½-inch Pots, Ready Now.

	Each.	Doz.	100
Wm. Duckham, extra fine pink	$0.75	$7.50	$50 00
Dr. Enguehard, " "	.50	5.00	30.00
Mrs. Nathan Smith, extra fine white.	.50	5.00	35 00
S. T. Wright, magnificent crimson	1.00	9.00	60.00
Miss Helen Frick, Thanksgiving pink	.50	5 00	35 00
F. A. Cobbold, mauve pink, fine	.50	5.00	35 00
W. R. Church, rosy crimson	.25	2 50	20.00
John Burton, fine late white	.50	5 00	35.00
Lord Hopetoun	.50	5.00	35 00

	100		100
Convention Hall	$8 00	Alice Byron	$8 00
Mlle. M. Liger	5.00	A. J. Balfour	8.00
Yellow Eaton	5.00		

Opah, Willowbrook, Polly Rose, Ivory, Eaton, Monrovia, Halliday, Appleton, Montemort, Pacific, Pink Ivory, $3.00 per 100; Maud Dean, Chamberlain, Golden Wedding, Merry Xmas, $4 00 per 100. Send for complete list. Let us figure on your order. See our Carnation adv. in other papers.

H. WEBER & SONS, Oakland, Md.

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BAYTREES

Special Price List on above.

Pyramids, 3 to 14 feet high; Standards, 24 in. to 66 in. head will be mailed on application.

BEGONIA GLOIRE DE LORRAINE

July delivery, $12.00 per 100.

JULIUS ROEHRS

Exotic Nurseries, - RUTHERFORD, N. J.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Chrysanthemums!

Major Bonnaffon, strong plants, out of 2½-inch pots, $2.25 per 100; $20 00 per 1000.

A. D. MONTGOMERY, Hazleton, Pa.

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A finely illustrated, complete

Paeony Manual

—— Now in press ——

The only one in the English language.
Price 30c in stamps.

C. S. HARRISON, YORK, NEB.

Mention The Review when you write.

35,000 CHRYSANTHEMUMS

All from 2¼-in. pots in fine growing condition. T. Eaton, Appleton, Ivory, Bonnaffon, Maud Dean, Mrs. Murdock, Yanoma, R. Halliday, Willowbrook, and many more at $2.25 per 100; $20.00 per 1000. 300 plants for $5.00 cash, our selection. **All orders shipped same day as received.**

COOLIDGE BROS., So. Sudbury, Mass.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock, $12 00 per 100.
3-inch stock, fine specimen, 35.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

Always mention the Florists' Review when writing advertisers.

GUARANTEED FERTILIZERS

We sell and carry in stock only the best grades of Fertilizers, cheerfully mailing samples and giving guaranteed analysis.

HUNT'S PURE BONE MEAL FOR GREENHOUSES. Our regular brand tha... as given universal satisfaction. It has no superior; is pure bone, guaranteed free from acids and is sold at as low a price as many inferior brands which cannot be used with safety in greenhouse culture. 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1000 lbs., $15.00; 2000 lbs., (ton) $27.50.

PURE BONE MEAL SIFTED. This is our regular brand of bone meal except that it has been put through sieves, making the grade absolutely uniform. 11 per cent of this is immediately available and soluble in water. 100 lbs., $2.25; 200 lbs., $4.00; 500 lbs., $9.00; 1000 lbs., $16.50; 2000 lbs., (ton) $30.00.

PURE BONE FLOUR. This is our regular brand bone meal ground to a fine flower, 17 per cent being immediately soluble in water and available. Just the thing to use for quick action. 100 lbs., $2.50; 200 lbs., $4.50; 500 lbs., $10.00; 1000 lbs., $17.50; 2000 lbs., (ton) $32.50.

PURE PULVERIZED SHEEP MANURE. One of the most effective fertilizers and used largely by the most prominent growers. Our brand is guaranteed free from foreign substances, seeds and guaranteed pure. Analysis and samples cheerfully sent on request. 100 lbs., $1.50; 500 lbs., $5.00; 2000 lbs., (ton) $16.50.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Mention The Review when you write.

BE EXPLICIT.

The Review is very glad to answer the inquiries of its readers, but often it is impossible to afford much light on the questioner's difficulties because of insufficient details in the query. Where conditions of soil, moisture, temperature and other important matters are not stated it is often not possible to say what is wrong; the best we can do is to say what *may* be the trouble. Tell us the whole story; then we are pretty sure to find a reader who has experienced the same thing and discovered a way out of the difficulty. And in queries with regard to heating, don't be afraid to go into details with regard to the character of the house or houses; how well built, age, exposures, etc. These are only a little less necessary than the dimensions and indoor and outdoor temperatures in figuring on amount of radiation, etc., and in their absence the best that can be done is to provide for piping which will be safe under ordinary conditions.

THRIPS.

The frequency with which there have been complaints of the depredations of thrips in greenhouses resulted in experiments in the treatment for this pest in the greenhouses of the Hatch Experiment Station at Amherst, Mass. It is closely allied to the grass thrips which had previously been investigated at the Station but of course the methods of combatting the insects are totally different out of doors and under glass. In the former case burning over the infected area in early spring, before the grass starts, is the recommended remedy; under glass fumigating is practiced.

It was found that burning tobacco leaves, twelve ounces to 1,000 cubic feet of space, in the greenhouse had no effect on the thrips although it killed plant lice.

With lemon oil, one part to forty-eight parts water at 120 degrees, dipping the plants killed the thrips, most of them being washed off and the rest soon dying.

Rose Leaf tobacco extract and Nicotine vaporized at a strength which did no injury to the plants, killed the thrips but more than one fumigation was necessary to reach them all. Hydrocyanic acid gas was also effective.

Albany, N. Y.—H. L. Menand has opened a wholesale florists' supply establishment at 34 William street and will also deal in decorative greens. He was formerly at Menand's Station.

Greenhouse and Vegetable Plants

2¼-inch stock in A No. 1 condition. **Not less than 5 of any one variety sold.**

	Per doz.	Per 100
Alternanthera, yellow, $2.00 per 100; $17.50 per 1000.		
Acalypha Macafeeana, strong, 3-in. pots, $2.50 per 100, $20.00 per 1000.		
Acalypha Marginata, strong, 2¼-in. pots, $3.50 per 100, $20.00 per 1000.		
Ageratum, Stella Gurney	40c	$2.00
Asparagus Sprengeri, 2½-in	50c	3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var		3.00
Small flowering or Button var		2.00
Coleus, 15 var., $15.00 per 1000	40c	3.00
Dahlia Plants, in good variety	40c	2.00
Fuchsias, in variety	50c	2.00

GERANIUMS. In good variety.

$2.00 per 100; $20.00 per 1000.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety, per 1000, $15.00	40c	2.00
Lemon Verbena, per 1000, $20.00	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50	40c	2.00
Maranta Massangeana	75c	4.00
Moonvines, blue	50c	2.00
Nymphaea Odorata Gigantea	60c	3.50
Smilax, per 1000, $15.00		2.00
Strobilanthes Dyerianus	50c	3.50
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00
Tritoma Pfitzeri, 2½-inch pots	75c	4.00
" **Uvaria**, 2¼-inch pots	60c	2.50

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TOMATOES—Earliana, 40c per 100, $2.00 per 1000. Stone, Paragon, Favorite, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—Boston Market, Dwarf Golden Heart, Giant Pascal, Pearl Le Grand, Pink and White Plume and Celeriac, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

KOHL-RABI and Brussels Sprouts, 25c per 100; $1.50 per 1000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

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in 2½, 3, 4, 5, 6, 7, 8, and 10-in. pots. Asparagus Sprengeri and Plumosus in all sizes at **Geo. A. Kuhl, Pekin, Ill.** Write him for prices.

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Fine large plants, 3-inch, ready for 4-inch, $5.00 per 100.

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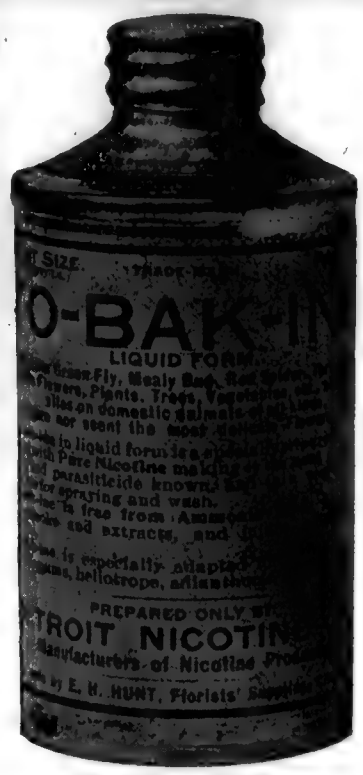
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PANSY PLANTS—$8.00 per 1000.

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It is unequalled, both as to effectiveness and economy.

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From 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

ASPARAGUS SPRENGERI—Plants from seed bed, ready for potting, $1.00 per 100; $9.00 per 1000.

ASP. PLUMOSUS NANUS—Strong 2¼-inch, $2.50 per 100; $24.00 per 1000.

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True Plumosus Nanus, strong plants from seed sown January and February, $12.00 per 1000; 250 at 1000 rate; $1.50 per 100. Cash with order, prepaid to destination. Send for samples. Large lots, write us for prices.

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Write us for price before ordering elsewhere. **Also Model Extension Carnation Support.**

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WHEN you cannot fumigate with our **Fumigating Powder** you can apply our **Black Stuff Fine** direct to the plants; it is strong and equally effective in doors or out for extermination of all plant pests. Your money back if it is unsatisfactory. Trial 5-pound package for nothing if you will pay the express charges on it. Write Dept. D. THE H. A. STOOTHOFF CO., 116, 117, 118 West Street, New York.

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Cut from bench, $5.00 per 100; $40.00 per 1000.

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Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

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Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons Souv. de Bonn, Eclipse, Golden Bell, Infanta Eulalia, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Abutilon Savitzii, 2-in. pots, 50c doz., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

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Adiantum cuneatum, ready for 5-inch pots, $12.00 100. Cash.
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Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, 2-inch, yellow and brown, $1.00 100; $10.00 1000. Red, $1.50 100; $15.00 1000. Cash. Ernest Harris, Delanson, N. Y.

Alternantheras, red and yellow, strong rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Geneva, Ill.

Alternantheras, yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red, yellow, pink, $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

Alternantheras, red, 2-in. strong, $2.00 100. Cash. Chase & Son, New London, O.

ALYSSUM.

500 alyssum, trailing, 2¼-in. two in each pot, $2.00 per 100. Cash.
E. C. Boss, Honesdale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50 to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann, 1012 Ontario St., Phila., Pa.

ASPARAGUS.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Asparagus plumosus nanus, strong plants from seed sown January and February, $12.00 1000; $1.50 100. 250 at 1000 rate. Send for samples. A. Sprengeri, strong seedlings once transplanted, 80c 100; $6.50 1000. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, well established. 2½-in. pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; 3-in. pots, $4.00 100; 3½-in pots, $6.00 100; 4-in. pots, $8.00 100.
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We offer flats of asparagus in which 1000 seeds were originally sown; now contain from 800 to 900 fine seedlings ready for 2½-inch pots, at $10.00 per flat; 2½-inch asparagus, $3.00 100.
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Asparagus plumosus nanus.....$3.00 per 100
Asparagus plumosus robustus..... 5.00 per 100
Asparagus decumbens ..... 3.00 per 100
Asparagus Sprengeri ..... 2.00 per 100
2-inch pot stock ready now.
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Asparagus Sprengeri plants from seed bed, ready for potting, $1.00 per 100, $9.00 per 1000. A. plumosus nanus, strong, 2¼-in., $2.50 per 100, $24.00 per 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, very heavy, 2-in., $3.00 per 100, $25.00 per 1000; 3-in., very heavy, $6.00 per 100, $50.00 per 1000. Sprengeri, 2-in., $3.00 per 100. C. Betscher, Canal Dover, Ohio.

Asparagus plumosus nanus, from flats ready for potting, $2.00 per 100; $17.50 per 1000. Cash. J. H. Fiesser, 415 Summit Av., West Hoboken, N. J.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 6-in. pot plants, 15c and one year old clumps, 10c each; fine for growing strings.
Jos. Wood, Spring Valley, N. Y.

Asparagus Sprengeri, 5000 plants, choice stock from 3 to 7-in. pots, to close out at a bargain. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus seedlings, ready for potting, $12.00 per 1000. Express prepaid.
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Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus nanus, from flats ready for 2½-in. pots, $2.00 100; 2-in., ready to shift, $3.00 100, $25.00 1,000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus, 2½-in., $3.00 100; $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus from flats, $1.75 100; 2-in., $2.50 100.
Sherman Nursery Co., Charles City, Iowa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
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2000 Asparagus Sprengeri, strong 3-in., $4.00 100. Walker & McLean, Youngstown, Ohio.

Asparagus plumosus, fine 3-in., ready for 4-in., $5.00 per 100. Weber Bros., Florists, Ironton, O.

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Asparagus Sprengeri, 2-in., strong, $2.00 per 100. Cash. Chase & Son, New London, O.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

ASTERS.

Asters Semple's and Queen of the Market, mixed colors, white, shell pink, rose, purple and lavender, $2.00 per 1000. Cash with order.
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Aster plants. Queen of the Market and Semple's white, pink and lavender, large plants, $2.50 per 1000; 300 for $1.00.
J. C. Schmidt Co., Bristol, Pa.

Aster plants, fine. Early Market, white; Purity and Vick's Branching, white, 50c 100, $3.00 1,000. Cash.
Ray H. Palmer, Randolph, N. Y.

Seedling China asters, chrysanthemum flowering, just right to plant, $3.00 per 1000. Cash.
W. H. Drake, Kenosha, Wis.

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I. E. Bailey, Swampscott, Mass.

Asters in all varieties and mixed transplanted, 60c 100; $5.00 1000.
Converse Greenhouses, Webster, Mass.

Aster Queen of the Market, strong plants, $1.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Vick's branching, white and rose, $2.00 per 1000.
Port Allegany Greenhouses, Port Allegany, Pa.

Asters for cut flowers. Write for prices.
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Crown Point Floral Co., Crown Point, Ind.

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Bay trees, palms, decorative plants, orchids, all sizes. Apply to
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Begonias argenteo-guttata, rubra, Lenore, grapevine, Vernon, metallica, Dew Drop, Argyrostigma picta, Sandersoni, M. Daw, 4-in., in bloom, $4.00 100.
W. T. Stephens & Co., Brookfield, Mo.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
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Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
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Begonia Gloire de Lorraine, nice 2-in., stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100. A. Jablonsky, Wellston, St. Louis, Mo.

Begonias, 2½-in. Rubella, Star, Erdody, $5.00 per 100. Rubra, metallica, Pres. Carnot, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, 2-in., $2.00; rooted cuttings, $1.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

500 Begonia Vernon about to blossom, in flats, $1.25 per 100.
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Begonia Gloire de Lorraine, July delivery, $12.00 100. Julius Roehrs, Rutherford, N. J.

Begonias, assorted, 2½-in., $2.00 100.
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BERRIED PLANTS.

Christmas peppers, nice plants from 2-in. pots, $1.50 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

BOUVARDIAS.

Bouvardias, red, white, pink; good, strong plants out of 2½-in. pots, $4.00 100.
John Holt, North Wales, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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California grown and well ripened daffodil bulbs; 5,000 Emperor at $18.00 per 1,000, 3,000 Golden Spur at $15.00 per 1,000, 5,000 Princeps at $6.00 per 1,000, 5,000 Ard Righ, including a few Trumpet Major and Henry Irving at $16.00 per 1,000. Also smaller bulbs of above varieties at lower prices.
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Freesia Bulbs, mammoth size, $7.50 per 1000; 1st size, $6.00 1000. These are a superior large flowering strain of freesias, are home-grown and cannot fail to give complete satisfaction. Cash with order.
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100,000 Paper White narcissus bulbs at $6.00 per 1000, first size, all flowering bulbs; $3.00 per 1000 for second size, most of them will flower. Cash with order.
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Home-Grown Bulbs.	Per 1000
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Zephyranthes, Milla, Crinum, Cooperia, Amaryllies. Resurrection plants, Cacti, Agaves. Write for prices. William Tell, Austin, Tex.

100,000 calla bulbs, ready to ship. See display adv. for sizes and prices.
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Prices on freesias, French and Dutch bulbs, etc., quoted on application.
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Florists' bulbs, best grade only. Import orders booked now.
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Write us for quotations on Lilium Harrisii, July delivery.
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Amaryllis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

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CACTI.
All Mexican sorts are sold by
J. Balme & Co.,
Box 628, Mexico City, Mexico.

Sound cacti in variety, $5.00 100 and upwards.
William Tell, Austin, Tex.

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Surplus cannas out of 4-inch pots, strong plants. Chas. Henderson, A. Bouvier, Florence Vaughan and Leonard Vaughan, colored leaf, $5.00 per 100.
John C. Ure, 2843 Evanston Ave., Chicago, Ill. Phone Graceland 901.

Cannas, to clean out, fine and bushy, in 4-inch pots, Martha Washington, Souv. de Antoine Crozy, Florence Vaughan, Mme. Crozy, Austria, $4.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

Cannas, Crozy, Charles Henderson, F. Vaughan, 4 in., at $6.00 100; good stuff. Cash.
W. T. Hillborn, Newtown, Pa.

Cannas Austria, strong plants from 2½-in. pots, $3.00 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

French cannas, fine plants in 5 and 6-inch pots, $7.00 100. Cash.
Wm. A. Bock, No. Cambridge, Mass.

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New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
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Field-grown carnations. Fine plants now ready for the benches. Not surplus stock.

	100	1000		100	1000
B't'n Mkt.	$7.00	$65.00	Glacier ..	$6.00	$50.00
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Carnations, pot-grown, for July planting. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
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We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
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1000 Mrs. Lawson carnations from 3½-in. pots, $3.50 per 100. 400 Glacier from 3-in. pots, $3.00 per 100.
W. T. Buckley Plant Co., Springfield, Ill.

Extra strong field-grown Lawsons, $50.00 per 1000.
Weiland & Risch, 59 Wabash Ave., Chicago.

CHRYSANTHEMUMS

Surplus chrysanthemums, cheap. 400 J. Jones, 700 Bonnaffon, 600 Glory of Pacific, 200 Polly Rose, 150 Ivory, 100 Pink Ivory, 100 Rieman, 60 Peter Kay, 75 Philadelphia, 40 Pennsylvania, 75 G. Pitcher, 600 Col. D. Appleton, 80 Timothy Eaton, 100 J. E. Lager, 65 Robinson, 400 Maud Dean, 45 Mayflower, 450 Merry Christmas, 2¼-in. stock, $2.00 100. 50 Yellow Eaton, 175 Bonnaffon, 3-in.; 144 Bonnaffon, 4-in.; 75 Merry Christmas, 3-in.; 275 Merry Christmas, 4-in.; 450 Appleton, 150 Polly Rose, 140 Glory of Pacific; all in 3-in. except where noted, $3.00 100; 275 Sinclair, $5.00 100, 2¼-in.
H. W. Field, Northampton, Mass.

Rooted chrysanthemum cuttings:
G. S. Kalb, Monrovia, Florence Teal, Glory of Pacific, Polly Rose, Willowbrook, Golden Trophy, Mrs. H. Robinson, Minerva, John Shrimpton, Philadelphia, Niveus, Mutual Friend, Helen Bloodgood, White Ivory, Pink Ivory, Adula, Golden Wedding, W. H. Lincoln, Nagoya, Timothy, Mme. F. Perrin, Bonnaffon, $1.50 per 100; $12.50 per 1000.
Cash with order, or good references.
Wm. F. Kasting, Buffalo, N. Y.

Chrysanthemum Mme. F. Bergmann, still the finest of all early whites; large in size. Will produce high class blooms in any of the southern states without protection, by October 10. A large stock in fine condition. From 2-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100. Write for prices on larger lots.
Morton's Evergreen Lodge, Clarksville, Tenn.

35,000 chrysanthemums all from 2¼-in. pots, in fine growing condition. T. Eaton, Appleton, Ivory, Bonnaffon, Maud Dean, Mrs. Murdock, Yanoma, R. Halliday, Willowbrook and many more at $2.25 per 100, $20.00 per 1000.
300 plants for $5.00 cash, our selection. All orders shipped same day as received.
Coolidge Bros., South Sudbury, Mass.

Hardy pompon chrysanthemums, large-flowering or aster variety, 2¼-in., $3.00 100; small-flowering or button variety, 2¼-in., $2.00 100. Our pamphlet containing description, with cultural directions, of over 125 varieties, mailed free. R. Vincent Jr. & Son, White Marsh, Md.

Try a few of the new chrysanthemums. We have the Australian-English varieties, including the famous Wells-Pockett set, and other notables. For varieties and prices, see display adv. in this issue, or write
Critchell's, Avondale, Cincinnati, O.

Chrysanthemums: Wm. Duckham, 2½-in. pots, $20.00 100; rooted cuttings, $10.00 100. Opah, 2½-in., 6 to 12 in. high, $2.00 100. C. J. Salter, Mrs. Pockett, 2½-in., $8.00; Cheltoni, 2½-in., $40.00 100; rooted cuttings, $25.00 100. Dr. Enguehard, 2½-in., $20.00 100. Miss Alice Byron, 2½-in., $6.00 100.
Larchmont Nurseries, Larchmont, N. Y.

Chrysanthemum plants, 2¼-in. pots. Pacific, Blackhawk, Kalb, Wanamaker, Liger, $2.00 100. Pink and White Ivory, Mrs. Robinson, Bonnaffon, Appleton, $2.50 100. Maud Dean, Mrs. Coombes, Chadwick, Jones, Harriott, Golden Wedding, $3.00 100. Rooted cuttings, ½ of above rates.
C. W. Blatchley, Plantsville, Conn.

Strong rooted cuttings: Timothy Eaton and J. E. Lager, $2.00 100. White Bonnaffon, Yellow Bonnaffon, Perrin and Marion Henderson, Col. D. Appleton, Dorothy Toler, Liberty, M. M. Johnson, Simplicity, Yellow and Pink Ostrich Plumes, $1.50 100.
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Chrysanthemums, $2.00 100, $18.00 1000, from 2-in. pots. Ivory, Bonnaffon, Jones, P. Rose, Pacific, Appleton, Lavender Queen, A. Burns, Yanariva, McArthur, Steinhoff, Gold Mine, Chadwick, Hayes.
H. C. Steinhoff, 578 Hudson Boulevard, West Hoboken, N. J.

Chrysanthemums from 2 and 3-in. pots, strong, healthy, at $2.00 100. Maud Dean, White and Yellow Jones, Bonnaffon, Polly Rose, Pacific, Piscataway and Shinnecock. Cash.
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Chrysanthemums, all the best and most popular varieties, in 2½-in. pots and rooted cuttings. See display adv. for varieties and prices.
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20,000 mums from 2-in., $3.00 per 100. Rooted cuttings, $2.00 per 100. Prime stock Eaton, Pacific, Bonnaffon, White Queen, Niveus, Dean, Ivory, White Cloud and Yellow Queen.
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Chrysanthemums from 2½-inch pots. Kalb, Halliday, Robinson, Perrin, Bassett, Modesto, Jerome Jones, Col. Appleton, $3.00 per 100. Cash.
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Chrysanthemums, good standard sorts. Strong stock from 2½-in., $2.50 per 100, $20.00 per 1000; rooted cuttings, $1.00 per 100, $9.00 per 1000.
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Chrysanthemums, fine plants from 2¼in. pots. Major Bonnaffon and Mrs. Robinson, $2.00 100. Chadwick, $2.50 100.
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Chrysanthemums. Young stock, 2½-in., ready now. See display adv. for varieties and prices.
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Chrysanthemums. Fine plants of Robinson and Appleton, 2½-in., $2.00; 3-in., $3.00.
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We are headquarters for all the novelties in chrysanthemums. Send for our list.
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Strong Estelle chrysanthemum plants, from 2-in. pots or bench, $2.00 per 100.
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Chrysanthemums, 2½-in., assorted varieties, $2.00 100; $18.00 1000.
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Cinerarias. Finest large flowering dwarf, July delivery.
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Large flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots at 18c; 1-yr., from 3-in., 9c. C. paniculata, from 4 and 5-in. pots, 12c.
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Clematis, large flow. var., 5-in., $3.00 doz. C. paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
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Cobaea scandens alba, 3-in. pots $1.00 doz.
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Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hammer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
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Coleus, Golden Bedder and Verschaffeltii, fine plants, from 2½-in. pots, $2.00 100; $16.00 1000. Cash. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, Golden Bedder, Verschaffeltii and fancy mixed, 2-inch, $1.00 100; $10.00 1000. Cash. Ernest Harris, Delanson, N. Y.

Coleus, Golden Bedder and Verschaffeltii and 10 other var., 2-in. pots, $2.00 100; $18.00 1000.
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Coleus, red, yellow and mixed, strong 2¼-inch $2.50 100; $20.00 1000. Also achyranthes.
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Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
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Eight best kinds of coleus. Write for prices.
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500 mixed coleus, 2¼-in., $1.50 per 100. Cash.
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Coleus, 2½-in., $2.00 per 100.
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Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
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Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
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Dahlia plants, 2¼-in., good variety, 40c doz.; $2.00 100. Send for list of varieties.
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Dracaena indivisa, strong 6-in. pots, $3.00 doz.; 5-in. pots, $2.50 doz. D. indivisa latifolia, 5-in. pots, $3.00 doz.
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Dracaena indivisa, in fine condition, 5-in. pots, 25c each; 6-inch pots, 30c each.
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Dracaena indivisa, 2-in., strong, $2.25 100.
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SCOTTII, ready for delivery. Very heavy 4-in. pot plants, ready for 6-in., $12.00 doz.; $75.00 100. 25 at 100 rate. Strong transplanted runners from bench or 2¼-in., $4.00 doz.; $25.00 100; $200.00 1000. Strong 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.
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We have a fine lot of fern seedlings to offer this season; strong, healthy stock, ready for potting, in the following varieties:

Adiantum cuneatum.	Pteris albo-lineata.
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Pteris cristata.	Pteris Mayii.
Pteris Ouvrardi.	Pteris serrulata densa.

Equal number of each at $1.00 per 100, $8.50 per 1000. 500 at 1000 rate. If by mail add 10c per 100 for postage. SAMPLES FREE.

Assorted ferns for jardinieres, good varieties from 2¼-in. pots, $3.00 per 100, $25.00 per 1000. 500 at 1000 rate.

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Cyrtomium falcatum.	P. Gilbertii.
Pteris adiantoides.	P. serrulata.
P. cretica alba lineata.	P. serrulata cristata.
	P. serrulata variegata.
P. cretica magnifica.	P. Wimsettii.
P. hastata.	Mixed varieties.

Price, $2.00 per flat.

SCOTTII, strong transplanted runners from bench or 2¼-in. pots, $4.00 doz., $25.00 100, $200.00 1000; 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.

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Piersoni ferns, lowest prices, satisfaction guaranteed. Fine 1-yr-old plants from bench, 50c each, $5.00 per doz.; strong, well-rooted runners, $4.00 per 100, $35.00 per 1000; well-established 2-in., $5.00 per 100, $45.00 per 1000; 2½-in., $6.00 per 100; 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $35.00 per 100.

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CENTER MARKET,
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Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 100; 6-in., 40c; 7-in., 60c; 8-in., 75c each. Piersoni, 2½-in., $8.00 100; 4-in., 35c each; 5-in., 50c each. Strong, young plants from bench, $4.00 100; $30.00 1000. Davis Bros., Geneva, Ill.

Boston ferns, cut from bench, $5.00 100, $40.00 1000. Anna Foster, ferns cut from bench, $5.00 100, $40.00 1000. Larger plants 25c to 50c each. L. H. Foster, Dorchester, Mass.

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Piersoni, 3½-in., 10c; $100.00 per 1000, 5-in., 25c; $25.00 per 100; 6-in., 35c, $35.00 per 100. Cash with order, please.

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Ferns. Fine young plants which can be readily divided into several. For varieties and prices see display adv.

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Boston ferns, 2¼-in., 3c; $30.00 per 1000; 3½-in., 7c; $70.00 per 1000. Cash with order, please. H. H. Barrows & Son, Whitman, Mass.

We are headquarters for Boston and Piersoni ferns. Have all sizes from 2½ to 10-in.

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Boston ferns, 2 and 2½-in., fine plants for growing on at $3.75 100; $35.00 1000.

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Boston ferns taken from bench, $8.00 to $15.00 100. Cash.

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Feverfew Little Gem, 2½-in., 50c doz., $3.00 100.

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Forget-me-not palustris, from open ground, $3.00 100 clumps.

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Fuchsias, 2½-in., dbl. white and dbl. purple, and asst. single var., $2.00 100.

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Fuchsias, extra fine plants in 5 and 6-inch pots, $1.50 and $2.00 doz. Cash.

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400 nice blooming fuchsias, good assortment in 3-in., $3.00 per 100.

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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.

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1000 geraniums, standard sorts; 3-in., $3.00; 500, 3½-in., $4.00; 500, 4-in., $5.00; 500 La Favorite, 4-in., $5.00; 200 Jean Viaud, 4-in., $5.00 per 100. Most of these plants are in bud and bloom. Maurice J. Brinton, Christiana, Pa.

Surplus geraniums, S. A. Nutt, 3-in., $4.00 per 100; 4-in., $5.00 per 100; 5-in., $6.00 per 100.

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Gladioli, mixed varieties, at $8.00 per 1000.

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1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.

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2000 hardy perennial phlox, propagated from Henry Dreer's collection, $2.00 per 100; $15.00 per 1000; the lot for $25.00. Plants out of 2½-in. pots. Cash.

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White impatiens (Evening Star), strong plants, 2½-in. pots, 50c per doz., $3.00 per 100.

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Cut lily of the valley of good quality always on hand.

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Rivers' fruit trees, vines, figs, oranges and all orchard-house trees; a large and select stock always on hand; illustrated descriptive catalogue for 6c.
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Thousands of orchids at moderate prices. Write for special offer.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies and English daisies in bloom, $2.00 100. Cash. I. Merwin Rayner, Greenport, N. Y.

Pansy plants, $8.00 per 1000.
F. Griswold, Worthington, O.

PASSIFLORAS.

Passifloras Pfordii and coerulea, 3-in. pots, 75c doz., $5.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

PECAN TREES AND NUTS.

PECAN TREES and NUTS. Budded, grafted and seedling trees, 1, 2 and 3 yrs. old; 27 varieties. Wholesale and retail.
G. M. Bacon Pecan Co., Inc., De Witt, Ga.

PEONIES.

Peonies a specialty. The best French collection. Strong plants, all true to name. Catalogue free. A. Dessert, Chenonceaux, France.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
Peterson Nursery, 170 La Salle St., Chicago.

Peonies, over 1000 sorts, large acreage.
C. Betscher, Canal Dover, Ohio.

Peonies, 400 kinds, some of the finest.
C. S. Harrison, York, Neb.

PILEAS.

Pilea microphylla (artillery plant), 2½-in., $2.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

POINSETTIAS.

Poinsettias, July and August delivery. Strong 2½-inch, $6.00 per 100, $50.00 per 1000. Strong 3-inch, $8.00 per 100, $65.00 per 1000. 25 at 100 rate. Terms cash. Satisfaction guaranteed.
Baur Floral Co., Erie, Pa.

Poinsettias, July and August delivery. 2½-inch, $6.00 per 100; 3-inch, $8.00 per 100. Terms cash. Satisfaction guaranteed.
Bentzen Floral Co., St. Louis, Mo.

Poinsettias, 2½ and 3-in. pot plants, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

1000 poinsettias, 2½-in., $4.00 per 100. Cash.
Chapin Bros., Lincoln, Neb.

PRIMULAS.

Chinese primroses, large flowering, fringed, no better strain, 2-in., $2.00 per 100.
J. Clint McPheron, Carrollton, Ill.

Improved Chinese primroses, from finest seed, $2.00 per 100; July delivery.
John F. Rupp, Shiremanstown, Pa.

Primroses Chinese, obconica, Forbesi, ready July, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
W. G. Eisele, Box 100, West End, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
J. Waterer & Sons, Bagshot, Surrey, England.

ROSES.

ROSE PLANTS. Strong stock, 2½-in. pots.

	100	1000		100	1000
U. John.	$20.00	150.00	Maid	$2.50	$20.00
Chatenay	3.00	25.00	Perle	2.50	20.00
Sunrise	5.00	40.00	Gate	2.50	20.00
Bride	2.50	20.00			

Strong stock, 3-in. pots.

	100	1000		100	1000
Beauty	$6.00	$50.00	Bride	3.50	30.00
Chatenay	5.00	40.00	Perle	3.50	30.00
Maid	3.50	30.00	Gate	3.50	30.00

La France, 4-in., $5.00 100; $40.00 1000.
One year old plants from benches—Beauty, Liberty and La France, $5.00 100, $40.00 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. Reinberg, 51 Wabash Ave., Chicago.

My 2 and 3-in. roses are large, clean, fine plants. At the prices quoted they will move quickly, so don't delay.

Liberty, 2-in.	$5.00	100;	$45.00	1000
Bridesmaids, 2-in.	2.50	100;	20.00	1000
Brides, 2-in.	2.50	100;	20.00	1000
Perles, 2-in.	2.50	100;	20.00	1000
Golden Gates, 2-in.	2.50	100;	20.00	1000
Ivory, 2-in.	2.50	100;	20.00	1000

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Philadelphia Rambler, the most magnificent of the hardy crimson climbing roses. The flowers are exceedingly bright, very double, lasting and durable and of perfect form. It does not fade, bleach or look washed out, but holds its dazzling color to the last. Has handsome foliage, and is not subject to mildew. The Philadelphia blooms about two weeks earlier than Crimson Rambler. 2½-in., 85c doz.; $6.00 100; $50.00 1000. 4-in., $2.00 doz.; $15.00 100.
Conard & Jones Co., West Grove, Pa.

Clearing sale of choice rose plants:

2000 American Beauties, 2½-in.	$40.00	1000
5000 Chatenay, 3-in.	50.00	1000
4000 Brides, 2-in.	25.00	1000
4000 Maids, 2-in.	20.00	1000

12,000 American Beauty plants from benches, $25.00 per 1000. 12,000 Maids and Brides, grafted plants from benches, $25.00 per 1000.
Guaranteed choice, clean stock, well grown.
Bassett & Washburn, 76 Wabash Ave., Chicago.

ROSE PLANTS, 2½-INCH STOCK.

	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
WIETOR BROS., 51 Wabash Ave., Chicago.

70 extra strong grafted Ivories in 4-in. pots for $7.00. Cash.
A. J. Pennock, Lansdowne, Pa.

Maids, Brides, Gates, 2½-in., $2.50 100; $20.00 1000. Perles, 2½-in., $3.00 100; $25.00 1000. Maids, Brides, Gates, Perles, 3½-in., $45.00 1000. Beauties, 2½-in., $40.00 1000; 3½-in., $55.00 1000. Cut back bench Beauties, elegant stock, $35.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

1000 Golden Gates, 3-in.	$2.00	100
1000 Brides, 3-in.	2.00	100
1000 Maids, 3-in.	2.00	100
500 Perles, 3-in.	2.00	100
500 Meteors, 3-in.	2.00	100

Cash with order.
Chapin Bros., Lincoln, Neb.

Low closing prices. Splendid strong stock. 3-in. Brides, Maids, Ivory, Gates, $4.00 100, $35.00 1000. Beauties, $5.00 100, $45.00 1000. Perles, very fine, $5.00 100, $50.00 1000. 2½-in. Brides, Ivory, $2.50 100, $20.00 1000. Beauties, $3.00 100, $25.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

10,000 Brides and Maids, A1 stock, ready for planting; own roots, 3-in., ready for shift, $60.00 1000; 4-in., $100.00 1000. Grafted stock, 3-in. Maids, $15.00 100; 4-in. Brides and Maids, $20.00 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

Roses Marechal Niel, The Bride, Ball of Snow, 2½-in., $2.50 100; $20.00 1000. Empress of China, Pink Rambler, White Rambler, Yellow Rambler. Psyche and Snow Flake, 2½-in., $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

American Beauties, 3-in., $4.00 per 100. Golden Gates, 2½-in., $1.50 per 100. Brides and Maids, 2¼-in., $1.75 per 100.
Will take Boston ferns, Lorraine begonias or Primula obconica, in exchange.
Rhoten Bros. & Co., Box 5, Danville, Ill.

American Beauties, 3-in., 2½x3 and 2x2½. All kinds of teas. Brides, Maids, Perles, Kaiserins, Woottons, Bell Siebrecht, Ivory, G. Gate, Liberty, Carnot and a few Meteors. Stock A1. Prices right. Geo. A. Kuhl, Pekin, Ill.

Roses, 3½-in. pots, first class plants, $6.00 per 100. 1000 Sunset, 1000 Chatenay, 1000 Maid, 800 Bride, 700 Golden Gate, 300 Sunrise, 300 Meteor, 300 Hoste, 150 Liberty.
P. R. Quinlan & Co., Syracuse, N. Y.

Roses, from 2½-in. pots, our selection of varieties, none but the best, $2.00 100; $15.00 1000. Bride and Bridesmaid, fine forcing stock, $2.50 100, $20.00 1000, 2½-in. pots.
National Plant Co., Dayton, O.

10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
J. F. WILCOX, Council Bluffs, Iowa.

275 Bridesmaids, 100 Bride, 100 Golden Gate, 3-in. pots. 500 Bridesmaid, 600 Bride, 350 Golden Gate, 550 Ivory, 2¼-in. pots. Good stock. Write for prices quick.
C. L. Reese, Springfield, Ohio.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100; $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

Roses. 600 METEORS, 4-inch, clean and thrifty, 8c each, or $40.00 for the lot.
GOLDEN GATES, $2.50 per 100; $20.00 per 1000.
Wm. B. Sands, Lake Roland, Baltimore, Md.

1000 Extra Bridesmaid, from 3½-in. and 4-in. pots, $12.00 100; Bride and Bridesmaids, from 3-in. pots, at $4.00 100; $35.00 1000; 500 at 1000 rates. Cash. W. T. Hillborn, Newtown, Pa.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La France, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

Surplus rose stock, Bridesmaid and Meteor, from 3-in. pots; to make room will close them out at $30.00 1000 net cash.
L. B. Coddington, Murray Hill, N. J.

Bride and Bridesmaid, 3-in., $4.00 100; $35.00 1000. Clean stock. Write for sample and be your own judge of their value.
George E. Campbell, Flourtown, Pa.

Roses. Surplus stock. Brides, Maids, Golden Gate, Ivory, Meteor and Beauties, from 3-in. pots, $3.00 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Rose plants, 2½-in. rose pots, $3.00 100. Brides, Maids, Meteors, Gates, Ivory. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Strictly fancy American Beauty and Perle roses, as well as other varieties, can be had at once by writing
Geo. A. Kuhl, Pekin, Ill.

Sunlight, a yellow sport from Sunrise that is almost identical with Perle. A few strong plants, 3-in., 10c each.
J. Welsh Young, Germantown, Pa.

ROSES—Continued.

Cherokee rose, splendid for hedges or lawn clumps; perfectly hardy. $4.00 per 100; $35.00 per 1000. T. Robertson, Port Allen, La.

Grafted Meteors in 2½-in. and 3-in. pots, repotted from 2-in. pots, extra fine stock. $12.00 100. A. N. Pierson, Cromwell, Conn.

Brides and Maids, large, bushy plants, 2½ and 3-in. pots, $20.00 per 1000; must close out to make room. H. Bornhoeft, Tipton, Ind.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Ivory, Gates, Brides, 3½-in., $15.00 100. J. L. Dillon, Bloomsburg, Pa.

Brides, Maids, Perles, Golden Gate, from 3-in., strong selected stock, $3.50 per 100. W. L. Rock Flower Co., Kansas City, Mo.

3,500 first-class Bride and Bridesmaid, out of 3-inch pots. Will sell at $30.00 1000. L. C. Rubsamen, Murray Hill, N. J.

Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash. A. M. Schafer, 229 Balmoral Ave., Chicago.

Bridesmaids, fine plants, 1000 2½-inch $20; 1000 3-inch, $22.00. Cash. Gollan & Wolf, Downers Grove, Ill.

Rose plants. Extra fine 3-in., Brides and Maids, $5.00. Cash. Central Greenhouses, Sandusky, Ohio.

Brides and Maids, 3-inch, $4.00 100. Holton & Hunkel Co., Milwaukee, Wis.

ROSE STOCKS.

Manetti stocks. Florists desiring to have good Manetti stocks had better order now at $10.00 per 1000. The Elizabeth Nursery Co., Elizabeth, N. J.

Manetti stock for fall delivery. HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Extra strong top cuttings, out of 3's, with 5 to 8 leaves for July delivery, $16.00 per 100; $150.00 per 100. Less than 100, 75c. A. C. Oelschig, Savannah, Ga.

1 doz. large ficus, branched, $12.00; 2 doz. large ficus, per doz., $9.00. These are good plants, 3 to 4 ft. high. Crown Point Floral Co., Crown Point, Ind.

SALVIAS.

Surplus salvias, 4-in., $5.00 per 100; 5-in., $7.00 per 100. John C. Ure, 2843 Evanston Ave., Chicago, Ill. Phone Graceland 901.

500 Salvia splendens, 2¼-in., $2.00 per 100. Cash. E. C. Boss, Honesdale, Pa.

Salvia Bonfire, 2½-in. pots, 50c doz., $3.00 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

SEEDS.

BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.

BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00. A. T. Boddington, 35 Warren St., New York.

Primula sinensis fim., English grown, trade pkt., 50c. P. Forbesi, trade pkt., 25c. Cineraria hyb. grand., trade pkt., 50c. Calceolaria hyb. grand., trade pkt., $1.50. All types, including self-colored, tigered, mottled, variegated, spotted, Gloxinia grand., trade pkt., 50c. Exclusive French hyb., including Fire King, Defiance, Frederic, etc. E. H. Hunt, 76-78 Wabash Ave., Chicago.

Seeds. Primrose—Improved Chinese, single and double; 15 varieties, mixed, 500 seeds $1.00, half pkt. 50c. Cineraria—Large-flowering dwarf, mixed, 1000 seeds 50c. Pansy—Finest giants, mixed, 5000 seeds $1.00, half pkt. 50c. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed. Cash. John F. Rupp, Shiremanstown, Pa.

English Prize strains of CALCEOLARIA, CINERARIA and CHINESE PRIMROSES. English Prize, mixed, calceolaria and cineraria, half trade pkt., 50c; trade pkt., $1.00. Primula (Chinese primroses), English Prize fringed, mixed, per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50. Johnson & Stokes, 217-219 Market St., Phila.

Pansy seed. Brown's extra select superb giant prize pansy seed, my own growing, mixed, 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00; ¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00. Cash. Plants ready Sept. 1. Peter Brown, Lancaster, Pa.

Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order. HENRY METTE, Grower and Exporter of Choice Flower Seeds, Quedlinburg, Germany.

Michell's seeds. Primula Buttercup, 500 seeds, 60c; trade pkt., $1.00. P. sinensis, sep. colors, ⅛ trade pkt., 60c; trade pkt., $1.00. Cineraria, prize strain and Exhibition pansy, ⅛ trade pkt., 60c; trade pkt., $1.00 H. F. Michell Co., 1018 Market St., Phila.

Perret's giant pansies, with flowers of extraordinary size, reaching 3 to 3½-inches in diameter. Trade pkt., 3000 seeds, $1.00; half pkt., 50c; oz., $4.00; ½ oz., $2.50. N. Le Page, Mt. Vernon, N. Y.

Zirngiebel's FANCY and MARKET strains of giant pansies are the finest in the market. New crop seed, in trade packets at $1.00 each for either strain, ready now. Denys Zirngiebel, Needham, Mass.

Van Namen Bros.' Excelsior Holland grown cabbage seed, per lb., $1.10; 10 lbs., $10.00. Cauliflower, per ¼ lb., $1.50; per lb., $5.00. C. H. Joosten, 201 West St., New York.

New crop Giant pansy seed, mixed, ¼ oz., $1.00; oz., $4.00. New crop Shasta Daisy seed, trade pkt., 25c; oz., $5.00; lb., $50.00. Cash. California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality. Drake Point Greenhouses, Yalaha, Florida.

Choice pansy seed, special mixture from named varieties or colors separate if desired. Trade pkt., 25c; ¼ oz., 75c; oz., $2.50. Murray's Seed Store, Peoria, Ill.

Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Giant pansy seed. New crop, choice mixed, finest strain. Trade pkt., 5000 seeds, $1.00. W. H. Newman, Akron, Erie Co., N. Y.

A choice line of selected FLORISTS' SEEDS. See display adv. for varieties and prices. H. H. Berger & Co., 47 Barclay St., N. Y.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000. A. T. Boddington, 35 Warren St., New York.

Wholesale price list of seeds for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free. W. W. RAWSON & CO., Boston, Mass.

Giant pansy seed, choice mixed, per trade packet, $1.00. Beaulieu, Woodhaven, N. Y.

For native seeds and bulbs, send for price list to L. E. Williams, Nottingham, N. H.

Asparagus plumosus seed, $4.50 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

D. Landreth Seed Co., Bristol, Pa. Wholesale orders solicited.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

SMILAX.

Several hundred strings of smilax now ready, $10.00 per 100. 50 at 100 rate. Cash with order. All smilax plants are sold. O. L. Baird, Dixon, Ill.

Smilax. 2000 fine, clean plants, 2½-in., $2.00 per 100; $18.00 per 1000. 500 at 1000 rate. Cash. Sample 5c. John Beimford, Wilton Junction, Iowa.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000. Albert M. Herr, Lancaster, Pa.

Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100, $9.00 per 1000. R. Kilbourn, Clinton, N. Y.

Smilax, 2¼-in., strong and healthy, $1.75 per 100; $15.00 per 1000. H. M. Totman, Randolph, Vt.

Smilax from flats, transplanted, $1.50 per 100; $12.00 per 1000. Walker & McLean, Youngstown, Ohio.

Smilax, extra fine, strong plants, 3-in. pots, $2.00 100. Cash. J. Van Lindley Nursery Co., Pomona, N. C.

Smilax, from 2¼-in. pots, $1.25 100, $10.00 1000. Cash. Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-inch, strong, $2.00 100; $15.00 1000. SCHAEFERS (Inc), Newburg, N. Y.

Smilax, from 3-in. pots, fine, $3.50 100; $30.00 1000. W. T. Hillborn, Newtown, Pa.

Smilax, 2½-inch pots, $2.50 100; $20.00 1000. Holton & Hunkel Co., Milwaukee, Wis.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash. Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, strong 2-in., $1.25 per 100. Van Aken Bros., Coldwater, Mich.

1000 smilax, $1.25 per 100. Jos. H. Cunningham, Delaware, O.

STEVIAS.

Stevia variegata, 2½-in. pots, 50c doz., $3.00 100; S. compacta, 3-in., 60c doz., $4.00 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

SWAINSONAS.

Swainsona alba. Write for prices. C. L. Reese, Springfield, Ohio.

VEGETABLE PLANTS.

CABBAGE—Early and Charleston Wakefield, Succession, Early and Late Flat Dutch, Drumhead Savoy, Rock Red, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

TOMATO—Earliana, 40c per 100; $2.00 per 1000. Stone, Paragon, Favorite, etc., 25c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—Boston Market, Dwf. Golden Heart, Giant Pascal, Perle le Grand, Pink and White Plume and celeriac, 25c 100; $1.00 1000; $8.50 10,000.

PEPPER—Bull Nose, Ruby King, Sweet Mountain, 40c per 100; $2.00 per 1000.

PARSLEY—Moss Curled, 25c per 100; $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

KOHL RABI and BRUSSELS SPROUTS, 25c 100; $1.50 1000.

On cabbage, tomatoes and celery, we are prepared to make special price on large lots. Cash with order.

See our flower plant adv. in this issue. R. VINCENT, JR. & SON, White Marsh, Md.

Cabbage—Wakefield, Succession, Early and Late Flat Dutch and others, $1.00 per 1000; 5000 for $4.00.

Tomatoes—Stone, Beauty and others, $1.00 per 1000.

Cauliflower—Early Snowball, $2.50 per 1000.

Peppers and Egg Plants—$2.00 per 1000.

Sweet Potato Plants—Yellow and Red Jersey, $1.00 per 1000. J. C. Schmidt Co., Bristol, Pa.

Cauliflower, early Erfurt plants; by mail, 75c per 100. Red and White Cabbage plants; by mail, 60c per 100; by express, $3.00 per 1000. Ruby King peppers, in blossom, $1.00 per 100. Cash with order. F. A. Bolles, Av. L and Coney Island Av., Brooklyn, N. Y.

Tomato plants—Champion and Beauty, strong plants, 10 to 12 in., $6.50 1000. Cabbage plants—Jersey Wakefield, $2.25 1000. Pepper plants—Ruby King, 40c 100, $2.50 1000; Chinese Giant, $1.00 100. F. Griswold, Worthington, O.

Cabbage—Late Flat Dutch, Burpee's Surehead, large late Drumhead, $1.00 per 1000, $8.50 per 10,000.

Tomatoes—Stone, Livingston's Beauty, Paragon and Royal Red, 75c per 1000. Cash. Byer Floral Co., Shippensburg, Pa.

Celery plants, bushy transplanted stock, and hardened out-of-doors. W. Plume, Boston Market, Giant Pascal and Dwarf Golden Heart, ready now, $2.00 per 1000. R. Kilbourn, Clinton, N. Y.

10,000 Ponderosa and Dwarf Champion tomato plants, transplanted, from 8 to 12 inches, $2.00 per 1000. E. C. Boss, Honesdale, Pa.

Cabbage—E. J. Wakefield, Surehead and Late Flat Dutch, 30c 100; $1.50 1000. Cash. Ray H. Palmer, Randolph, N. Y.

Cabbage—Late Flat Dutch, $1.00 per 1000. D. W. Walter, Massillon, Ohio.

Tomato plants, $2.50 1000. Cash. W. T. Hillborn, Newtown, Pa.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Lemon verbenas, 3-in. pots, 75c doz., $5.00 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

VINCAS.

Vinca variegata major, extra fine plants in 4½-in. pots. The F. Blondeel Co., Oak Park Ave. and Augusta St., Oak Park, Ill.

Vinca variegata major, 2-in., $2.00; 3-in., $4.00 100. Cash. Chase & Son, New London, O.

VIOLETS.

Marie Louise violets, February and March struck, strong, healthy plants, free from disease. A No. 1 plants. Can fill large orders as well as small ones. $15.00 1000. Cash with order. Your money cheerfully refunded if not satisfactory. C. Lawritzen, Rhinebeck, N. Y.

Marie Louise violet plants, extra fine, clean, healthy stock, out of soil, $15.00 per 1000. If not satisfactory, money refunded. Cash with order. John G. Bahret, Violet Ave., Poughkeepsie, N. Y.

Violets from 2-in. pots. Marie Louise, Lady Campbell, Princess of Wales, $20.00 1000. Imperial, $25.00 1000. Princess of Wales from 2½-in. pots, $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Violets, good strong rooted runners. Marie Louise, propagated from healthy stock, $1.50 100; $12.00 1000. Cash with order, please.
B. Merkel & Sons, Carlstadt, N. J.

Violets. Marie Louise, February and March struck. Strong, healthy plants, free from disease, $15.00 1000.
SCHAEFERS (Inc.), Newburg, N. Y.

Marie Louise violets, 5000 sand struck cuttings, clean and free from disease, $15.00 1000. Cash. H. W. Stewart, Rhinebeck, N. Y.

Marie Louise violet plants in soil, first class, free from disease, $20.00 1000. Cash with order. Elmer J. Wager, Rhinebeck, N. Y.

Violets Princess of Wales, California and Swanley White, 2½-in., $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

Campbell, Swanley and California, strong, from flats fit to plant, $1.50 100; $13.50 1000.
Benj. Connell, West Grove, Pa.

Rooted cuttings of Princess of Wales Violets, $8.00 per 1000. Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

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TOP-HEAVY FLOWERS.

In judging the merits of flowers, from the horticultural point of view, there are many things to be considered besides the actual beauty of the individual flower, especially as nature, in her development of the evolutionary scheme, does not always see eye to eye, as it were, with humanity, the plants having been shaped in preference with a view to their better fitness for inter-relations with the insect world, and for their environment generally, independently of human influence. Hence arise many so-called defects, which it becomes the province of the selective cultivator to correct, as far as possible, and it is rare indeed for any plant to be arrived at, in which no improvable point exists. Thus, like the modest violet, we may have a charming flower of such a retiring nature as to inspire a proverb, and as this does not meet the cultivator's ideal or appreciation of its merits, he has, in course of time, coaxed the tiny flower out of its leafy retreat, and the high-class violets of today have proudly lengthened their stalks, and enlarged their petals, so as to vie fairly well with their bolder sisters.

The queen of flowers, the rose, in its many wild forms, displays itself to the best advantage, and spreads its delicately tinted blossoms for the delectation of the bees in such a fashion as to satisfy the most critical human eye, but under man's selective hand, aided by nature's wonderful sportive gifts, the simple single flower has become in many cases so large, and so overloaded with additional petals, that their very weight becomes an adverse factor to proper display, their stalks being unable to bear the blossom to show it off to the best advantage. Hence we may have two roses of equal beauty of flower, but the gardener gives the preference to the one with the better "habit."

In the cactus dahlia we have a prominent case of similar kind, i. e., charmingly formed and tinted flowers handicapped by a tendency to hide themselves within the foliage, and such a habit of growth is extremely difficult to correct. So much artificiality, indeed, has been introduced into floral culture by man, by constant selection of "points" which clash with nature's normal lines, that it is little wonder that we so often find good points in one direction counterbalanced by bad ones in another. Nature has a knack of striking a sort of balance in her works, maintaining a constant agreement between strains and stresses and corresponding strengths of structure. In culture this concordance is too frequently upset, the flowers being developed into altogether abnormal proportions, which the plant not only is called upon to bear to an unnatural extent, but actually has to contribute to, at the expense of its supporting power, owing to the concentration of the bulk of its forces in producing bloom instead of foliage. We see a marked example of this in chrysanthemums, which have become so artificialized that they cannot possibly support their heavy blossoms without sticks and repeated tyings, which, to the true lover of natural beauty, are an abomination.

From the flower dealers' point of view, these conditions of natural fitness and harmony are, of course, of less importance than to the nature lover, since it may justly be argued that flowers, which are only grown to be cut, and enjoyed in the cut form, can be dealt with on purely commercial lines, and it matters little if the stalk be too long and slender to stand the buffets of the weather, to which it is never intended to be exposed. So far, so good, but all the same, the line should be drawn there, and when we see plants intended for the garden, worked up on similar lines, it behooves the judges who determine the merits of such produce to reckno such defects as had points counting against the good ones of the flower itself. Except for plants of naturally climbing habits, the ideal garden should not be invaded by sticks and ties of any description; they should be regarded as mere crutches for cripples, and not, as they are now, as indispensable adjuncts to flowers which naturally should do without them.—Gardeners' Magazine.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

According to M. Bernard, the co-operation of a beneficial fungus is not less essential to successful cultivation in the case of orchids than of some other plants. In a contribution to the French Academy of Sciences, M. Bernard points out that in the course of his investigations he had found that orchids make the most satisfactory growth when their roots are in association with the mycelium of a certain microscopic fungus peculiar to them. He then proceeds to say that he has succeeded in demonstrating by experiment that this association is absolutely indispensable. Cultivating the fungus by itself, and some orchids by themselves, he found that the latter could not thrive until brought into contact with the mycelium of the former, when the growth at once became normal. The presence of microscopic fungi in greater or less degree may, he believes, explain much in connection with the great difficulty of producing good orchids.

A German scientist has discovered that a current of electricity in the soil drives out the worms, snails, etc. He was using the current to dry a mould lying on the ground and noticed that worms were hurriedly struggling out of the soil. He then experimented with a small plot of ground. One terminal of an electrical circuit of 110 volts was thrust into the earth and the worms and snails at once began to crawl out of the influence of the current. He believes that the benefit to plants resulting from an electric current in the soil is due to the extermination of the parasites on the roots rather than to any direct influence. If his deduction is correct we may find in electricity a means of exterminating the minute eel-worms that so often infest the roots of roses.

A rose called Mme. N. Levavasseur, sent out by M .M. Levavasseur, Orleans, France, is said to be a "perpetual" Crimson Rambler. It was obtained by crossing the Crimson Rambler with Gloire des Polyanthas. It continues to produce flowers till checked by autumn frosts. It has been certificated by the English National Rose Society and Royal Horticultural Society.

A French nurseryman finds that in the moving of trees in full leaf in the summer months the operation is much more apt to be successful if done at night, preferably between the hours of 9 p. m. and 2 a. m.

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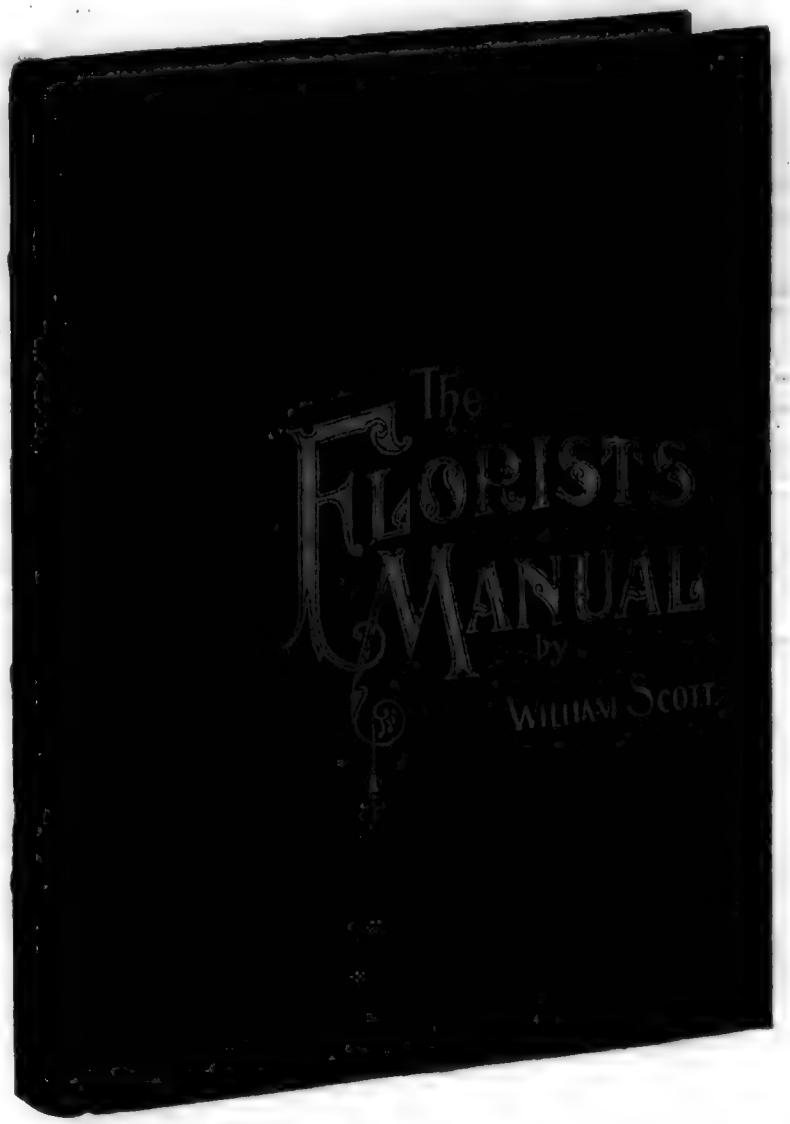
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L. C. C.

ORANGE, N. J.

The regular monthly meeting and exhibition of the New Jersey Floricultural Society for July was held on the first instant in the society's rooms. Instead of the brilliant display of roses of two weeks ago, were the more stately Japan iris and delphiniums which have never been shown in such perfection in Orange. It was of particular interest that the same flowers come from so many different hands, yet all of superior excellence. William Barr's gloxinias were of large size and with blooms which concealed both pot and foliage. John Crosby Brown's collection of fruits and vegetables attracted by its tasteful arrangement in which tomatoes, large for this season, held a prominent place. The plate of Lord Napier nectarine was "as pretty as a picture." So close was the contest for points that the entire evening was consumed by the judges and there was no essay or discussion.

Among the exhibitors were: John Crosby Brown, Peter Duff, gardener; Wm. Barr, Arthur Bodwell, gardener; Stewart Hartshorn, Arthur Caparn, gardener; A. Von Gaasbeck, Wm. Bennett, gardener; Mrs. Pierson, C. Ashmead, gardener; C. Hathaway, M. Hornecker, gardener; Wm. Runkle, D. Kindsgrab, gardener; O. D. Munn, John Hays, gardener; S. and A. Colgate, Wm. Reed, gardener; E. J. Brocket, Thos. Maybury, gardener. The judges were Arthur Caparn, Jos. A. Manda and Charles Ashmead.

Among the exhibits not for competition were sweet peas treated by the nitrogen fixing bacteria of the Department of Agriculture, Washington, by Wm. J. Hesse, of Newark.

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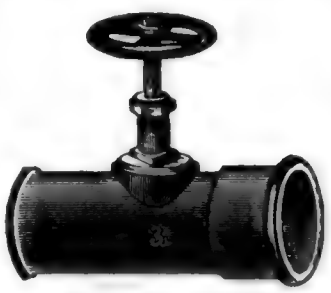


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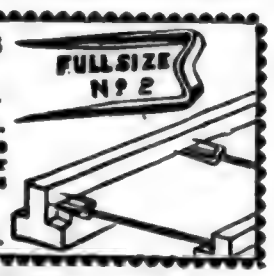
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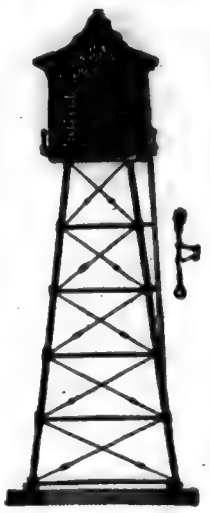
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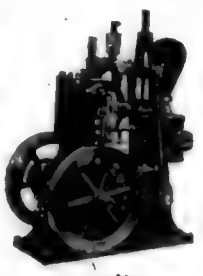
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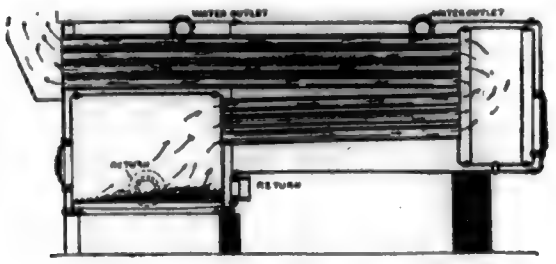
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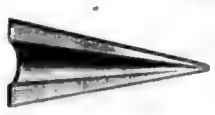
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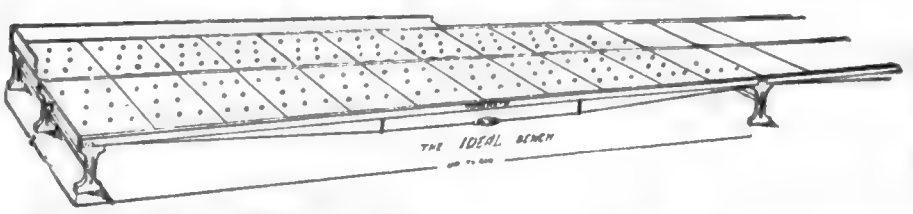
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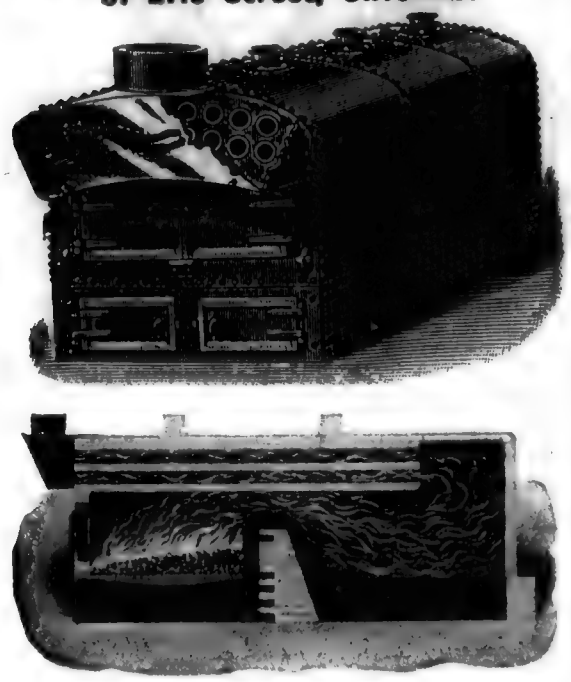
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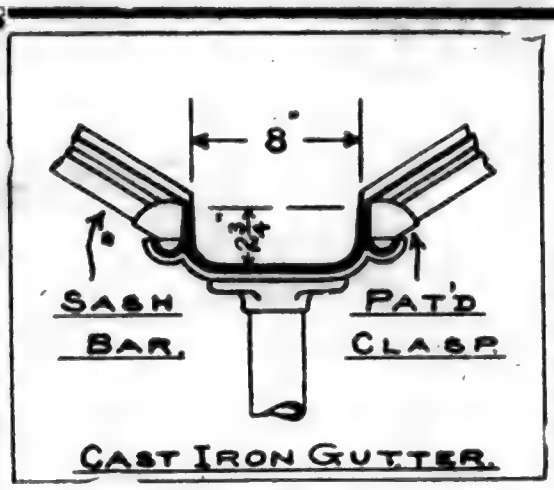
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Vol. XIV. CHICAGO AND NEW YORK, JULY 14, 1904. No. 346.

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MISCELLANEOUS SEASONABLE HINTS.

The Bermuda Lilies.

The first of the Bermuda lilies are arriving and, if an early crop is desired, there should be no delay in getting them potted; they assuredly are not benefited by being long out of the ground. Very large growers may find it an inexpensive plan to plant them on the benches in four or five inches of soil. The writer has tried them in boxes about eighteen inches square and five inches deep. It was not a success. The lily bulb, like other higher organisms, has each its own individuality. Some are stronger and earlier than others, and when on the bench or in boxes the whole space is occupied till the last lily is cut. Therefore, for the grower of a few thousand, 5-inch pots for the 5-7 bulbs and 6-inch for the 7-9s will be found the most satisfactory and economical method of forcing this most important plant.

Size of Bulbs.

We hear some growers say they never force any bulb less than a 7-9. This size may be depended upon to give the surest blooming bulb, but as the early lilies are used almost entirely as cut flowers in bunches and decorations, there is often a considerable waste of buds and, as you can't afford to give away these unexpanded buds, there is frequently a kick that you charged for more flowers than you supplied. And, again, a stalk with two open flowers and one bud can be arranged more artistically than one with four flowers and two or three buds. So, for our earliest crop, we prefer the 5-7s.

Anyone who has tried to get a batch of lilies for Easter knows how difficult it is to get in, say ninety-five per cent just right at that date. Some fourteen years ago, when we only had Harrisii for Easter, and the disease had not appeared, out of a batch of 1,100 7-9s there were just seventeen lilies that were not salable, but that was done with infinite labor, care and alertness. Those were the days we, ourselves, worked and trusted to no one's judgment.

Now, this difference in time of flowering is just what you want in the early forced bulbs, because you will begin cutting, say, November 1 and continue along until New Year's and past. At least that is what suits the grower who retails his own product.

The Best Method.

Plant as soon as received in 5-inch pots, letting the top of the bulb be even with the surface of the soil. Soil is really of little importance, yet a light loam with a fifth of thoroughly decayed manure would be the ideal. Use no fresh manure. Give them a good watering and place in a frame and see that in heavy rains water does not run in or stand under the pots. Cover the surface of the soil with an inch of thoroughly rotted manure or refuse hops and then cover the frames with heavily shaded sash. Place a 2x4 scantling or a fence board on top of the rafters of the cold frame back and front and let the sash rest on the scantling. Then there is a current of air over the pots and if the sash is heavily shaded it is cooler than it is in the open air. Watch them every few days, but with the shaded sash they will want little water while they are in the frame.

As they show a little crown of leaves above the mulch they can be picked out here and there and brought into the greenhouse, and if you can bring in 100 or 200 every week you will, after all have them in successive batches. If you give them a steady night temperature of 60 degrees in the house you will cut by the end of October. Of course, no roots have been made into the mulch, which should be shaken off at the time of removal into the house.

In concluding this rather wordy discourse on a very old and familiar subject, let me say that I consider the winter-cut lilies extremely profitable up to Easter. I never remember having a flower go to waste, and when you consider price of bulb, the little room they occupy, as well as the short time they need expensive protection, and the good price obtained for the flowers, they are one of the articles that help to pay taxes and make up for several things that are losers, and yet about ninety-nine per cent of us florists only guess at what is keeping us out of the county house.

Crimson Ramblers.

Crimson Rambler roses that were started from cut down, dormant plants in April, will, if they have been kept growing in a light house and never neglected for water, have made four or or five canes five or six feet long. They are still growing. Another mulch of rather fresh cow manure will add to the strength of growth and prevent rapid drying out. If they have made as much growth as you desire, they can be moved out of doors in the full sun in a week or two. Stand them on ashes or boards and surround the pots with litter, leaves or some material to keep the pots from drying out continually. Keep them well watered for another six or seven weeks, because if you let them get dry they will ripen their wood prematurely and are then too liable to break into lateral growth in October, and that you don't want. You want those large buds, or eyes, to remain dormant, for they are what will give you the fine breaks and trusses of bloom next winter.

The canes will, of course, ripen up in September and if we should get a warm October and these roses get soaked with rain, that is the time they want careful handling to keep them from breaking. After the wood is well ripened the plants can be laid on their sides to escape too much water at the root. These Ramblers, with anything like decent care, will flower with the greatest certainty and can be furnished

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TO THE TRADE AND MEMBERS OF THE SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS:

The time for our convention is close at hand and the busy season about at an end.

I want to remind you of the duty you owe to the Society. It is important that the membership be increased, and to that end we urge your support.

Every member should get at least one new member and as many more as he can. Especially do I call attention to the state vice-presidents.

We want to make this meeting at St. Louis a success. It should be the most successful in the history of the Society.

Do not miss this opportunity to meet old friends and make new ones – men you have heard about but never met.

The secretary will accept your application now, so send it in at once.

Let us all meet at St. Louis in August.

Yours truly,

Philip Breitmeyer.

President S. A. F. and O. H.

with flowers and foliage to the rim of the pot.

The Azaleas Outdoors.

Look well after your azaleas that are plunged outdoors. They increase in size considerably during July and August and should not be allowed to crowd. A fresh mulching of manure about now will do them the greatest good, but, of course, the all-important point is to see that they do not suffer for water. If they are strong and vigorous, and the soil filled with roots, once a day is not enough on bright, hot days. Evening is the time to water, principally because the soil has all night to remain moist and the roots have long hours to enjoy the moisture. But if by the following noon your azaleas are dried out, which they likely are, as they should be in the broad sun, don't be afraid to water them. There will be no burning, no harm of any kind, but the plants will bless you for your attention.

Wetting Foliage in Sun.

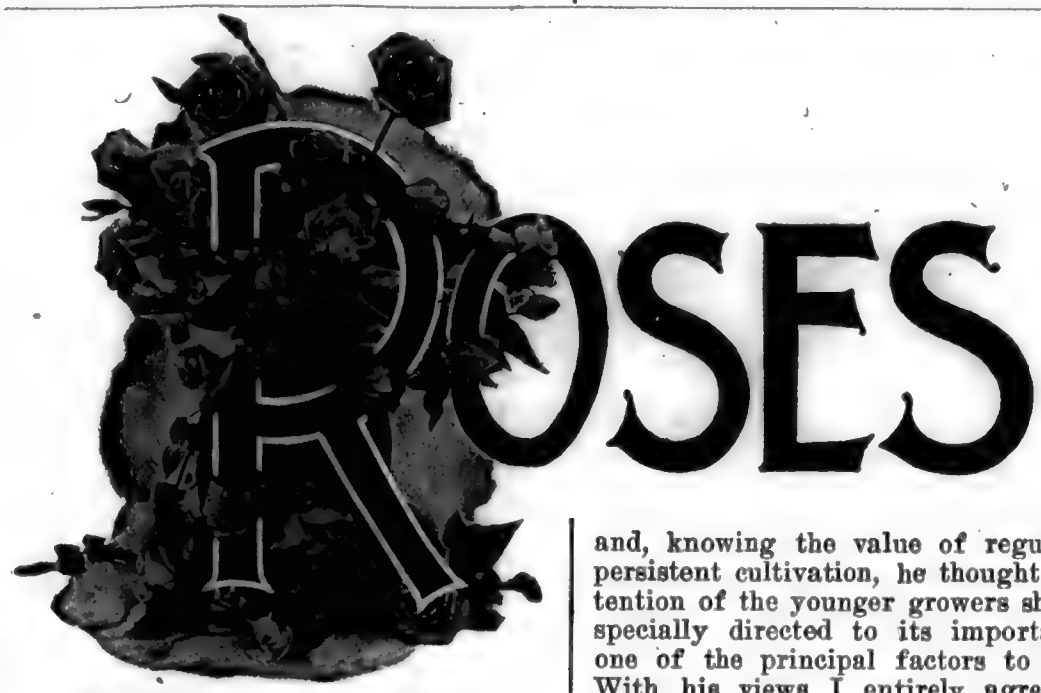
The question whether it is wise and proper to water or wet the foliage of plants when the sun is shining on them was threshed out some years ago in a contemporary journal, yet it seemed no argument with practical gardeners. To think that water on the leaves of plants in sunshine hurts them, belongs to the same class of knowledge as the belief that toads produce warts on your hands or that a snake with its head cut off does not die before sundown, and many other interesting natural history facts handed down to us by keen observers who flourished before the flood.

Pruning the Hedges.

As you have a nursery column now which is always interesting, I may be allowed to say that this is an excellent time to do a lot of pruning among the ornamental trees, both deciduous and evergreen, and particularly with almost all kinds of hedges. I am not a friend of hedges of any kind except where they are needed, yet there are many situations where a formal hedge is not out of place. As has been remarked in your columns more than once this season, the beautiful little Berberis Thunbergii has no rival. It is lovely at all seasons and lucky is the man who has 50,000 of it, for it is sure to be wanted this fall to replace the miles of killed California privet. To begin with, this beautiful, absolutely hardy shrub needs little if any pruning, except to stop a strong growth here and there. To prune it into any stiff, formal shape would spoil its beauty. Privet hedges should now be pruned, not the severe shearing back that may be necessary in the spring, but just a shortening back with the shears, enough to give it a trim, neat appearance, for, unlike the berberis, a privet hedge is nothing if not trim and straight in outline.

Evergreen hedges, of Norway spruce, arbor-vitæ or, best of all, hemlock spruce (Abies Canadensis) can and should be trimmed into shape. It takes longer and perhaps more skill to prune these hedges with a knife, yet that is what should be done. The shears on a privet hedge is entirely right, but they are mutilation on the evergreen hedges.

When a tree stands alone, say on a lawn or an avenue, if not crowded, no man can improve on its beauty of form with a knife. A maple, beech, elm, sycamore or any of our shade trees, is pleasing from its very natural irregularity of growth. Still there are constantly cases where trees are spoiling from crowding. They may, by their growth, have shut off some vista you wished kept open, are getting too near the sidewalk, and there are many times occasions when "Woodman spare that tree, touch not a single bough," would not be good advice or practice, and now is a good time to use the saw and hatchet. You can see much better *now*, when the trees are in full leaf, the effect of crowding than you can with the bare branches. William Scott.



SEASONABLE CULTURE.

Planting being finished, the care of the stock for some time will engage our attention. This care consists of a multitude of small duties, any one of which, if neglected or if not performed at the proper time, may lead to disastrous results.

Water being one of the most essential wants, being needed in quantities sufficient during the growing period to prepare and keep the food in an assimilable form, must be supplied with a deal of intelligence and care. To the careful observer, who notes all the conditions in the house and studies the wants and requirements of his stock, and keeps also an eye on conditions outside of the house, the art of watering becomes a second nature and without this study it is impossible to approach perfection.

Ventilation, which plays such an important part in the successful culture of the rose under glass, is too often done in a haphazard sort of a way and many growers, who otherwise treat their stock fairly well, court ruin by neglecting to study and learn the real use of ventilators and the necessity of maintaining a steady temperature and a plentiful supply of pure, fresh air which accompanies their proper use.

Of equal importance to watering and ventilating in the summer treatment of young stock is the systematic cultivation of the soil. In soils suited to rose culture under glass the copious supplies of water necessary would soon cause the surface to cake and the body of the soil to become sour, in which condition evaporation is interfered with, so in order to keep the soil in a fit state to derive the full benefit of the water applied the surface must be kept well stirred up.

This cultivation should be about one inch deep and should be practiced at least once a week until the roots have approached the surface so closely that further disturbance would be injurious.

Some time ago, when conversing with a brother grower, he made the remark that he thought I did not attach enough importance to this subject in my notes and, knowing the value of regular and persistent cultivation, he thought the attention of the younger growers should be specially directed to its importance as one of the principal factors to success. With his views I entirely agree, as I have never seen a good crop produced where this was neglected or carelessly performed. Ribes.

DISBUDDING.

My roses are doing very finely; should I disbud or cut back a trifle?

L. H. W.

It is a great pleasure to know that readers of my notes are having success with their stock and any advice that I give is what I have found to be best after years of experiment, and just as I practice myself. It would simplify matters considerably if querists would be a little more explicit when stating their troubles; such as naming the varieties they want information about, and giving details as to conditions, methods of treatment, etc.

The method of disbudding as practiced by most experts where teas or hybrid teas are the crops, is to cut off about half the flower stem. This is done with the object of leaving only the best and strongest eyes to form the future flower stem. By simply picking off the buds and leaving all the eyes on the stem to break it naturally follows that there are more eyes to sustain than can be developed into flower stems and the consequence is a large crop of blind wood.

With Beauties the case is somewhat different. During the early stages of their growth they are inclined to run to flower on every point and if the buds are not required for market they should be removed, taking off along with the bud three or four of the topmost eyes, cutting them back just far enough to get a good strong eye. By continuing this practice up till within six weeks of the time the first crop is wanted, bushy plants with a wealth of luxuriant foliage, ready and fit to do good work, can be had. Ribes.

OUTDOOR ROSES.

For the past fifteen years I have been growing on an average of about 300 rose bushes. For the past two years I have abolished the hybrid perpetual and have gone to the tea and the hybrid tea.

In this climate (Iowa) I meet with varying success. Some years my crop of roses is very satisfactory, while others not so. I am familiar with and grow, the old, well known varieties, and keep posted with the new. Every year I add several dozens of new varieties to my rose garden. I fertilize them in the spring, or sometimes in the fall, covering with leaves and old boards and in this way carry my plants successfully over the winter. I have been growing them in black soil, to which was added some cow manure.

My roses this year all show weak growth, the outside leaves of the buds become withered and many buds remain hard and undeveloped. I attribute this to cool weather. I find many of the roses that I have planted this spring are the same. They fail to grow, but simply remain at a standstill during the entire season. I use good judgment in watering and give them constant attention. I do not know any other way than that I am now pursuing to force a vigorous growth of wood, hoping for a successful harvest of roses.

I had thought at times that the working in of rotted manure lightens the soil to such an extent as to interfere with the necessary working of the roots. Also that the soil may have become too much impregnated with the nutriment or chemicals received from the manure.

There are parties who recommend and others who condemn the application of bone meal to outdoor roses, claiming that the kind manufactured nowadays contains so much acid that it is harmful. I hope that some reader may have opportunity to briefly give me such information as might be useful and helpful in the successful growing of roses outdoors. The leaves on many of my plants are turning yellow. Others are spotted. I give them occasional doses of white hellebore, two tablespoons to a bucket of water. This seems to kill the green asphis, but I do not know whether it will affect a cure of the condition that causes the yellow leaves.

Should roses affected like mine, in order to promote growth, and during the summer, be treated to sprayings of water in the evening or let them become dried out and then soak them thoroughly, or should I keep the ground evenly moistened, not too wet or too dry, but about in the condition that growers keep their roses in the greenhouse? W. W. D.

VIOLETS.

Seasonable Work.

We are right in our trying hot weather for the violet stock and the grower who wants a nice, first-class house next winter must not relax his care now if he expects to have success. Unless care is taken these hot days the first thing you will know you will find that provoking little pest, the red spider, has gotten a foothold, with the result that the foliage is injured and this necessarily means reduced health to the plants. The better way is not to let them get started and if you have a good head to your water pressure and spray the foliage with care when watering the borders you ought not let them get ahead of you, as you can knock them off and drown them.

With us it is hot and close, which means that all the ventilation possible must be given the houses, and we have not had any heavy high winds that require a house to be closed against them, as we sometimes do, for if too strong and hot it whips and drys out the plants more than to have the house too warm for a few hours. Of course I only refer to having a house partially closed on one side, and this only while the wind lasts.

When the borders need watering take time and do it thoroughly. Don't dash a little over the top so that it looks wet at the time, but reduce the force so as not to wash out the plants and go along slowly and soak it down well, using care to avoid overwetting places that show that they have not properly dried out from previous waterings. Of course this is supposing that you have your borders well made with a proper amount of drainage and not too heavy soil. When you have completed the watering then go over the house again with a fine spray, cleaning the foliage of any dirt that may have accidentally lodged thereon, also for the spiders, as above mentioned. Don't forget to keep a lookout for aphis, sowbugs and all the other pests of the violet.

If you find any stunted or slow-growing plants remove them as fast as you find them and replace with the best of your reserve stock, so as to keep the borders even and up to the standard.

As of course you will want to attend the S. A. F. convention, don't wait until a few days before you want to start to get your violet house in order, as the weather may be such that you cannot do everything needful then, say nothing about the extra work, funeral designing, etc., that will turn up at the last moment to hinder you. Certainly you want them in good shape all the time, but have everything freshly done at least a week ahead of the time and keep it right there. R. E. SHUPHELT.



Panel and Shield.

SPACING VIOLETS.

How far apart should I plant my California violets in benching? How about air-slaked lime in the soil?

A. N.

You naturally have to use your own good judgment in spacing, depending somewhat on the size of the stock, but as the California is a rank, coarse grower, we would not advise planting closer than ten by twelve inches. We consider it advisable to use air-slaked lime in the soil and would again refer to my notes of a few weeks past, in which I spoke particularly of this. R. E. SHUPHELT.

PANEL AND SHIELD.

The accompanying illustration is a reproduction from a photograph taken at the establishment of the J. M. Gasser Company, of Cleveland. The panel and shield was made for the Philippine commission who were visiting in Cleveland and who made a trip to Canton to pay their respects to Mrs. McKinley and place this tribute on the tomb of President McKinley. The panel proper was five feet high and the illustration is so clear in detail as to show fully the excellent character of the work. The piece was made by Charles Russell, designer for the Gasser Company.

CARNATIONS

CULTURAL NOTES.

Depth of Soil on Benches.

It seems to be the consensus of opinion that the proper depth of soil to plant carnations in, on the benches, is about four inches after it has been watered and settled down, which means between four and one-half and five inches when first filled with loose soil. Occasionally you run across a fine bench of carnations that are growing in full six inches of soil and the success in these occasional cases often leads the grower to think that the extra two inches of soil caused it. It has been proven beyond any doubt that as fine carnations can be grown on four inches of soil as can be grown on a bench. All the extra soil that is hauled onto the benches is a waste of soil, time and money. The plants do not need more food in a season than can be incorporated in four inches of soil or can be added to good advantage while the plants are growing.

But occasionally a grower asks himself, why should it be just four inches? Why wouldn't three inches or two inches be enough? Most growers would shake their heads and give you many reasons why in their opinion three inches of soil is not enough and at the same time none of the reasons will really hold water. The question of food cannot cut any figure, because if you have to feed plants which are growing on four inches of soil you will merely have to feed those on three inches a little earlier and more regularly. They will, perhaps, dry out a trifle quicker, but those who oppose the semi-solid beds on that principle ought to be only too glad to adopt the shallower bench for the same reason. It is not too shallow to set the plants in properly; all you need to do is to spread the roots a little more. The very principle of bench culture proves that most plants do not need much depth of soil to thrive if plenty of water is given.

The above are the best reasons I have ever heard advanced, but really they won't pass, and after being blocked all around the average grower will give you as a final answer something like this: "Well, it does seem like you are right, but the best growers agree that four inches is the right depth and the best carnations in the world are grown on that depth of soil."

The truth of that cannot be denied, but we have come across a bench now and again which proved that as good carnations can be grown in three inches, or less, of soil, as can be grown on four inches. One case was a bench at R. Witterstaetter's place which I saw last January. It was a bench of Mrs. Lawson planted on two and one-half inches of soil and a finer bench of Lawson you could not wish to see. I do not know how that bench held up as the season advanced, but I imagine that would depend entirely on the feeding and mulching later on. We have noticed sometimes when refilling our beds here and there a space which had settled to about three inches but there had been no difference in the growth of the plants. About as fine a growth of hybrid rose wood for cuttings as I have ever seen was grown on less than three inches of soil.

When you refill your beds, try a small space (or more, if you care to), with about three inches of soil before it is settled and watch the results. Be prepared, however, if you see it is necessary, to give a little extra food or water later on, else it will not be a fair test.

Now comes the question of what advantage will there be in it? Will three inches be as good as four if we will have to water more and feed more? To those who have a farm of rich soil to draw from it will perhaps be cheaper, or as cheap, anyway, to handle the extra inch of soil, but think of what it means to the grower who has to pay from $1 upward per yard of good sod. For many growers, more especially those who have been gradually surrounded by the cities they are located in, the soil question is the hardest nut to crack. To use the same soil two years in succession does not seem to meet with much success and to haul sod three or four miles costs something, and really why should it be done if you can grow just as good stock with three-quarters as much of the material which is hardest to get. If you build your beds like we do with cinders in the bottom there will not be the rapid evaporation there is with the raised benches and one of the objections will be removed. The question of feeding will naturally adjust itself. When you see your plants need feeding you will feed them, whether it is January or March, always of course using due judgment in regard to weather, season, etc.

We intend to look into this matter more thoroughly the coming season, as we do not care to use four loads of soil if three loads will produce just as much stock of equal quality. I am not prepared to say that they will, but I am inclined to think that there will be little, if any difference. A. J. F. Baur.

CATTLEYA GIGAS.

Some Splendid Specimens.

Of the accompanying illustrations the larger shows a plant of Cattleya gigas flowering in a 12-inch basket and carrying sixty flowers. The picture, while very distinct, gives but a faint idea of the magnificent sight this plant presented when in full flower. It had fourteen new growths, all of which flowered, carrying from three to seven flowers each. The smaller illustration shows another plant carrying ten flowers on one single spike. It is impossible for the camera to catch each flower individually, but that they are all there can be abundantly vouched for. This constitutes, so far as is known to the writer, a record, eight flowers on one spike being the highest number hitherto known. These two wonderful specimens are growing in the collection of D. Willis James, at Madison, N. J., and are a tribute to the skill of William Duckham, his gardener. They are potted in American peat and if any of the leaf-mold adherents can show anything so good it will be a pleasure to hear from them. These plants are suspended from the roof, where they get an abundance of air all the time from the ventilators and where the full sun is permitted to shine on



Ten-Flowered Spike of Cattleya Gigas.



A Splendid Specimen of Cattleya Gigas Grown by Wm. Duckham, Madison, N. J.

them in the fall and winter months. Many other plants of this species are showing almost as well and betoken by their luxuriance how well pleased they are with their quarters.

Cultural Notes.

Cattleya gigas, or, as botanists call it, C. Warscewiczii, needs somewhat different treatment to the average cattleya. It should always be grown suspended from the roof in a light, airy position. When grown on the bench many of the bulbs fail to sheath, though at times bulbs will produce flowers without having sheathed if well ripened before growth is finished. After flowering the plants should be kept drier and, if possible, cooler, to rest them down, the idea being to ripen the new bulbs and prevent them if possible from making a late summer growth. Where plants do break out again there is nothing to be done but keep them going till the last growth is finished. During the winter months give them the full sunlight, particularly after the eyes are breaking, so that the coming bulb will not be drawn or soft.

Commercially, this orchid is a profitable one to handle, it being the flower par excellence for the Newport season, providing it can be held back till July instead of flowering, as it often does, in May and June. There are many grand varieties of C. gigas, some of the Hardyana types being, to my mind, among the most gorgeous of the whole floral kingdom.

The photographs here reproduced were taken by A. Herrington, who is a very successful amateur in flower photography.

C. H. TOTTY.

CLEVELAND, O.—Otto Aul, the son of Casper Aul and 21 years of age, committed suicide July 5 by drinking carbolic acid. Mr. Aul is one of the best known florists in Cleveland and has the sympathy of everyone in the trade.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

A. C. Zvolanek, Grand View, N. J., submits for registration the following sweet peas: Raritan, double, dark blue; Hudson, double, soft pink; Delaware, double, lavender; Passaic, double, pink and white, all bearing from three to five flowers on fourteen-inch stems, height six feet, adapted to outdoor culture only.

WM. J. STEWART, Sec'y.

THE S. A. F. PROGRAM.

The preliminary program for the S. A. F. convention at St. Louis is in the hands of the printers and will shortly be ready for distribution to the members. The opening session will take place at 3 p. m. on Tuesday, August 16, and will be devoted to an address of welcome by the mayor of St. Louis, the annual address of the president and reports by the secretary, treasurer, state vice-presidents and standing committees. The judges will examine the novelties and new devices in the trade exhibition immediately after the opening session. The president's reception will be held on Tuesday evening.

On Wednesday the report of the judges will be followed by a paper by E. G. Hill, entitled "The Development of an American Type of Roses." An essay on "American Grown Bulbs" will also be read and J. C. Vaughan will discuss "The Ideal Employee." The next meeting place will be selected at this session, and officers nominated. The bowling contest takes place at 2 p. m., Wednesday afternoon.

At the Thursday morning session, J. A. Pettigrew will read an essay on "Home and Municipal Improvement from a Horticultural Standpoint" and J. A. Peterson will speak on "Indoor Blooming Plants." The election takes place Thursday forenoon and an amendment to the constitution will be acted upon, which, if adopted, will provide for the organization of "sections" of the society, the purpose being to encourage the affiliation with the society of the various separate trade organizations of the present.

The shooting contests will take place Thursday afternoon, also the meeting of the Hail Association. In the afternoon there will be a reception at Shaw's Garden and in the evening addresses by European tradesmen who are expected to be present.

Those who will attend should pay their dues at once. Those who paid their dues for 1903 should send $3 and all others should send $5 to the secretary, William J. Stewart, 11 Hamilton place, Boston.

CANADIAN FLORISTS.

The Canadian Horticultural Association will hold its seventh annual convention at Ottawa, Ont., August 9 and 10. The program includes an address by the mayor of Ottawa, a response by Jas. McKenna, the address of President Mepsted, a lecture by Prof. W. T. Macoun, a discussion on florists' fuel opened by C. Scrim, a paper entitled "Florists' Trade from the Retail Standpoint," by A. C. Wilshire; a paper entitled "Holiday Plants," by Wm. Gammage; a discussion on growing violets opened by Wm. Fendley and one on the advantages of iron construction. Plans are being made for a large trade display.

NEWPORT NEWS, VA.—Frank Imbach has a set of seedling geraniums of which he is working up stock for distribution next spring.

RUTHERFORD, N. J.—Julius Roehrs has recently received an importation of eighty-two cases of Cattleya Gaskelliana. Thomas Knight is traveling in the west and south.

HAIL LOSSES.

The losses paid by the Florists' Hail Association since August 1 of last year aggregate $16,610.22 and are the heaviest in any single year in the history of the concern. But all losses have been met promptly without encroaching upon the reserve fund. Last August the Association had $11,000 reserve besides $13,000 cash on hand and this year's income has exceeded $12,000. Following is a complete list of the year's losses to June 26:

Geo. F. Christie, Clifton Heights, Pa.	$ 27.94
James Cole, Philadelphia, Pa.	136.55
J. Wm. Colflesh, Philadelphia, Pa.	17.85
Wm. K. Harris, Philadelphia, Pa.	173.49
Joseph Eslinger, Denver, Colo.	450.95
A. J. Pennock, Lansdowne, Pa.	32.64
Colfax Avenue Floral Co., Denver, Colo.	1,280.26
Ed Palmen, Chicago, Ill.	6.58
Meyers & Co., Bluffton, Ind.	59.94
Claus Matthies, Omaha, Neb.	81.50
R. C. Seeger, St. Paul, Minn.	52.76
The Park Floral Co., Denver, Colo.	364.02
Swain Nelson & Sons, Chicago, Ill.	36.61
C. & G. L. Pennock, Lansdowne, Pa.	111.02
Wm. Lidden, Philadelphia, Pa.	26.71
Wm. C. Walters, Denver, Colo.	339.80
George Pastor, Huntington, Ind.	266.41
August Lutz, Philadelphia, Pa.	7.40
Geo. R. Geiger, Nazareth, Pa.	2.24
Geo. Zimmer, Sr., Omaha, Neb.	27.16
Henry Sweitzer, Mendota, Ill.	244.83
Walter & Richmond, Harmon, Colo.	51.65
Louis Gadina, South Omaha, Neb.	7.00
Henry Carstens, Omaha, Neb.	40.00
Philip Fulmer, Cardington, Pa.	34.52
Claude J. Hurt, Harmon, Colo.	21.45
Mrs. Annie Cranney, Minneapolis, Minn.	29.92
Richard C. Smith, Secane, Pa.	63.10
Robert Scott & Son, Sharon Hill, Pa.	20.22
Emil Glauber, Montclair, Colo.	1,426.66
Karl Muller, Sr., Philadelphia, Pa.	20.45
Geo. H. Borenscheer, Denver, Colo.	32.60
Hess & Swoboda, Omaha, Neb.	155.95
Geo. K. Kester, Cardington, Pa.	16.45
J. & N. Spanabel, East Palestine, Ohio	19.25
Thomas Morris, Harmon, Colo.	9.50
A. Donaghue, Omaha, Neb.	115.71
J. F. Ammann, Edwardsville, Ill.	29.56
Fred Hall, Montclair, Colo.	29.01
R. J. Groves, Atchison, Kan.	6.10
Mrs. R. Mauff, Denver, Colo.	480.17
C. E. Carbine, Wadsworth, Ohio.	5.65
J. S. Bowdry, Raton, N. M.	10.64
R. Tindall, Independence, Mo.	40.66
J. C. Rennison, Sioux City, Iowa.	158.52
Mathew Kronz, Great Falls, Mont.	25.60
Alfred Broman, Independence, Mo.	115.17
E. G. Bunyar, Independence, Mo.	90.00
Chaffin Floral Co., Cheyenne, Wyo.	150.00
Edward Kline, Sr., Streator, Ill.	6.74
Otto Andrea, Central Valley, N. Y.	3.84
Salter Bros., Rochester, N. Y.	26.00
Fred Bishop, Sioux City, Iowa.	161.91
T. Kloss, St. Peters, Minn.	80.12
Geo. R. Geiger, Nazareth, Pa.	3.95
Nichols Bros., Atlantic, Iowa.	174.40
E. F. Walters, Wakefield, Kan.	31.20
J. W. Rentz & Son, Peru, Ind.	31.36
F. B. Tinker, Peru, Ind.	17.99
Emile Knabe, Frankfort, Ind.	28.49
Henry M. Humfeld, Frankfort, Ind.	26.55
E. F. Overman, Wabash, Ind.	251.96
P. Finn, Carthage, Mo.	89.26
I. W. Gorse, Whitewright, Tex.	16.31
W. A. Chalfant, Springfield, Mo.	537.74
Wm. Plum, Springfield, Mo.	14.70
Summerfield Floral Co., Springfield, Mo.	257.25
Draper & Son, Springfield, Mo.	240.24
Chas. Summerfield, Springfield, Mo.	823.72
H. A. Hall, Joplin, Mo.	399.30
Herman Roth, Lafayette, Ind.	36.95
Edward Avenarius, Dubuque, Iowa.	5.46
Rudolph Koeppen, Springfield, Mo.	321.05
Southwestern Florists' Co., St. Louis, Mo	24.16
Arnold Scheidegger, Kirkwood, Mo.	81.10
Ed Quin, Springfield, Mo.	388.97
Chas. P. Mueller, Wichita, Kan.	14.25
S. D. Brandt, Clay Centre, Kan.	81.10
C. Humfeld, Clay Centre, Kan.	74.70
Samuel Muntz, Dubuque, Iowa.	2.39
Wm. Shick, Wichita, Kan.	16.20
John S. Morris, Merriam, Kan.	29.80
W. J. Barnes, Kansas City, Mo.	52.20
Nelson Jarrett, Drakemore, Mo.	10.30
Jacob Tobler, Kansas City, Mo.	17.84
Geo. B. Windler, St. Louis, Mo.	14.40
Chas. Biederman, Kansas City, Mo.	15.00
W. L. Rock Flower Co., Kansas City, Mo.	46.44
Alfred Broman, Independence, Mo.	227.27
Howard P. Kleinhans, Easton, Pa.	31.57
Wallace & McMurray, Pueblo, Colo.	523.00
J. J. Thomas, Pueblo, Colo.	872.00
Lee E. Dalton, Pueblo, Colo.	267.00
J. O. Zimmerman, Pueblo, Colo.	755.30
M. D. Hoagland, Pueblo, Colo.	106.70
W. D. Alt, Pueblo, Colo.	120.32
Furrow Bros., Guthrie, Okla.	277.46
E. G. Donley, Pueblo, Colo.	420.20
Mrs. Augusta Baker, Pueblo, Colo.	608.70
Mrs. Ida M. Latshaw, Pueblo, Colo.	172.70
Elwanger & Barry, Rochester, N. Y.	45.43
Aug. Luther, Kansas City, Mo.	32.65
G. Fleischer, Pueblo, Colo.	1,805.98
B. H. Thorne, Wooster, Ohio.	12.60
H. W. Wright, Amarillo, Tex.	47.60
Mrs. Alice Kinney, New Franklin, Mo.	5.62
E. R. Ripley, Colorado City, Colo.	30.95
Alexander Rose, Lead City, S. D.	19.95
S. M. Harbison, Danville, Ky.	46.25

WORLD'S FAIR FLOWER SHOWS.

The following are the rules governing the weekly flower shows in the Horticultural building at the St. Louis World's Fair:

All sufficiently meritorious displays will receive a reward. The first will be a diploma, the next a bronze medal, the next a silver medal and the highest a gold medal.

Suitable vases will be furnished by the exposition management and exhibits will be properly staged where exhibitors do not personally attend.

Judges will be chosen from the most eminent specialists for the respective displays.

All exhibits must be correctly and legibly labeled.

Exhibits must be prepaid to the exposition grounds.

The superintendent will be empowered to remove any exhibit that is no longer attractive.

A business card not to exceed 9x6 inches may be displayed with each exhibit.

Any person who wishes to make a special display of any kind of cut flowers at any time may do so, rules and regulations being adhered to. Full schedule of flower shows will be furnished prospective exhibitors on requisition to Chief, Department of Horticulture.

F. W. TAYLOR.

BOSTON.

The Market.

Lessened supplies and light demand have characterized the market during the past week. Some growers are now bringing in very little, concentrating their energies on preparations for housing carnations and other necessary work. Roses are seldom seen of good quality. Carnations of the best quality are still weak, fair stock selling up to $2 per 100. Some Fair Maids and Enchantress are still very good. Sweet peas are abundant at from 10 cents to 40 cents per 100, according to quality. Popular varieties seem to be Mont Blanc, Blanche Ferry, Countess of Radnor, Lady Grisel Hamilton, Prima Donna and Mrs. Sankey. Lily of the valley continues to have a fairly good sale. A few outdoor gladioli have appeared. Among hardy herbaceous perennials that useful variety Achillea Ptarmica The Pearl is also seen. Some indoor asters are seen. There are promises of an abundant outdoor supply a little later.

The Exhibition.

The first of the free weekly exhibitions of the present summer was held at Horticultural Hall on July 9. There was a splendid show, although there were only a few competitive classes. The lecture hall and loggia were crowded with exhibits. On account of the excellence of the exhibition, the committee of arrangements wisely decided to keep the show open until Sunday night instead of closing it at 4 p. m. on Saturday.

For best display of hardy roses filling fifty bottles, in twelve varieties, W. J. Clemson, Oscar Kristenson, gardener, and Miss Sarah B. Fay, M. H. Walsh, gardener, made fine exhibits. For twenty-five vases of Iris Kaempferi, W. Whitman, M. Sullivan, gardener, beat Mrs. J. L. Gardner, W. Thatcher, gardener. Each had a beautiful table. Mr. Sullivan also won for display of Campanula medium. There was a keen contest for thirty vases of delphiniums, three spikes in each. William Postings, gardener to Mrs. Winthrop Chambers, W. Whitman, and Mrs. J. L. Gardner won in order named.

The class for herbaceous flowers and grasses brought out a strong entry for thirty varieties. W. Hunnewell, T. D. Hatfield, gardener, was first, followed by W. J. Clemson and the Bay State Nurseries. Much the best collection from Carl Blomberg was disqualified, as it contained no grasses. The reading of the schedule seemed to indicate that grasses were necessary rather than permissible, which was intended.

From Blue Hill Nurseries, Julius Huerlin, proprietor, came a grand collection of 106 varieties of herbaceous plants. Another extensive and very meritorious lot were shown by Harvard Botanical Gardens, Robert Cameron, gardener. The following herbaceous plants shown are especially good for florists: Spiræa Chinensis and S. lobata, Galium boreale, Hemerocallis Thunbergi, Phlox Miss Ligard, Heuchera sanguinea, Alstroemeria, aurantiaca, Malva moschata alba, Delphinium Chinensis and D. hybridium, Gypsophila paniculata, Cimicifuga racemosa, Campanula urticifolia fl. pl., Coreopsis grandiflora, Lilium superbum, L. excelsum, L. Browni and L. candidum.

M. H. Walsh showed tables of cut sprays of his seedling ramblers, Carissina and Lady Gay, which were much admired. R. J. Farquhar & Co. had branches of the Farquhar rose and numerous choice Japanese irises. Peter Cairns had a collection of roses and Japanese irises. W. N. Craig made a display of sweet peas, including some of the newest sorts. There were miscellaneous collections from Geo. Hollis, E. M. Gill, J. B. Shurtleff and others. James E. Rothwell, Emil Johansson, gardener, received honorable mention for two new seedling cypripediums, one named Mrs. J. E. Rothwell being promising.

Various Notes.

Members of the flower and plant committee of the Massachusetts Horticultural Society and other friends paid a visit to the Tailby establishment at Wellesley on July 12 to see a field of Mr. Tailby's new hybrid callas in bloom.

Suitable quarters have not yet been secured for the new independent flower market. It is hoped the location will be found shortly. Anything we have written in this column in regard to the new flower market has been received from very reliable sources. Mr. Ward will understand that we never questioned the general standing of his confreres in this new movement. We have no personal feelings in the matter whatever and assure him that fair and courteous treatment will always be given every one.

W. W. Tailby, son of Joseph Tailby, the veteran carnationist of Wellesley, was married on June 29 to Miss Mary F. Davis, of Somerville. Mr. Tailby's many friends extend congratulations.

Peter Fisher continues to send in very fine blooms of carnations Mrs. M. A. Patten and Nelson Fisher; these are evidently good summer varieties.

J. Whidden, for some years gardener to E. W. Gilmore, of North Easton, died on July 11 from Bright's disease, with which he had been a sufferer for some years.

William Sim, of Cliftondale, well known as a producer of violets and sweet peas, has a superb house of tomatoes just now worthy of a long journey to see.

W. N. Craig.

NEW YORK.

The Market.

Shipments continue from the grower in volume far in advance of other years but the outlet seems to be dammed up somewhere and the "backwater" floods the ice boxes of wholesalers. Even the last resort is no longer in evidence, the street merchants' brigade. Not an ancient Greek or a son of sunny Italy can be found on any street of the metropolis. They have all flown to Coney Island and other seaside resorts and are dispensing fruit and hot corn and it will be September before they can be depended on to take up the "white man's burden" again.

Rose shipments are abundant and carnations also. The quality is quite as good as can be expected. This will be a year of no shortage in any line, judging by present indications. Lilies continue to arrive as though they had become perennial and prices are hardly one-third of their accustomed value. Gladioli, too, are already in excess of expectations. What will be the verdict when the great growers of the east overwhelm the market? All outdoor stock is abundant. No definite conclusion as to actual sales can be determined by quotations of prices. Those given indicate about what are paid for necessities. The "closing out at any price" values are unmentionable.

In nearly all the wholesale establishments the curtains drop at 4 p. m. Floriculturally after that hour Twenty-eighth street is dead. Many of the stores on Twenty-ninth and Thirtieth also close early and doubtless soon the custom will be almost universal.

Many of the flower merchants, especially in the wholesale department, are philosophers and take what comes as a matter of course, and are unruffled. It will be only a few weeks more and the clouds will lift and another strenuous and prosperous season will be in full blast. In the meantime the coming convention will absorb general interest.

Various Notes.

The holiday fever is raging. Employer and employe are taking advantage of the opportunity and making the "hot time" of restful value. Stumpp's employes and their friends to the number of about 100 enjoyed their annual excursion last week, many of the wholesale contingent being there. The grove was at Eckstein's, on Staten Island, and the bowling prizes were secured by outside talent. Jos. Fenrich won the first prize, a $20 stein; W. Siebrecht, second, a $15 stein, and P. Smith, of Raynor's, the third, a $5 silk umbrella. All kinds of athletic sports were enjoyed and the affair was a financial success. Strange to say, with so many ladies' men in attendance, no ladies were there. President Traendly graced the occasion with his presence.

J. K. Allen arrived safely at Liverpool June 29.

John Kral, with Moore, Hentz & Nash, has been laid on the shelf for a week with a sprained ankle.

Arthur Wise, of Ghormley's, is enjoying a two weeks' outing, and James Coyle, of the same establishment, leaves on July 18 for St. Louis, Cincinnati and Kentucky, to be away until August.

Mr. and Mrs. Ferdinand Mangold, of Irvington, celebrated their golden wedding Saturday evening at Lyndhurst, the country seat of Helen Gould, where Mr. Mangold has been superintendent for forty years. July 9 was also the anniversary of his birth, which occurred 76 years ago at Carlsruhe, in the Grand Dutchy of Baden. There he began his horticultural life in the famous Botanical Gardens at the age of 14, part of the nine years spent there being in the employ of King Leopold. At the golden wedding a large number of friends and relatives were present and many valuable gifts were sent, the best prized being $100 in gold and a gold clock from Miss Gould and a gold loving cup from the employes.

Young & Nugent show daily a splendid stock of cattleyas of all the best varieties.

A brief call at Tarrytown on Saturday found the F. R. Pierson Co. still overwhelmed with work, the shipping season having lasted far beyond expectations. The new Piersoni will be given an opportunity to show its beauty at the convention. The past has been the greatest year in this well known firm's experience.

E. G. Asmus' Son is the new title of the rose factory in West Hoboken, formerly known as E. G. Asmus & Son, made famous through the dissemination of the Liberty rose.

The annual painting and enlarging of the wholesale emporiums is now in order. Charles Millang has rented his upper floor, enlarged his cut flower department and looks spick and span in a white enamel front.

Bowling has been laid on the shelf for a couple of weeks, owing to the extreme heat and the absence from the city of some of the leading members. The club feels confident of a fair representation at St. Louis and a team that will about equal the record of Chicago, St. Louis or Philadelphia.

Ralph M. Ward writes that business in Europe in his line is very good. He is en route to Vienna, Rome, Naples, Genoa, Marseilles and Paris and will shortly sail for home.

J. McManus is handling some fine Doweana and gigas cattleyas and has often a dozen fine varieties of orchids on hand to pick from.

William Ford, of Ford Bros., has fully recovered from his week's illness, his especial regret being missing the outing. He had everything cut and dried for the fat men's race, running at 225 pounds. With the Sterling Fishing Club he will shortly enjoy his annual holiday at Barnegat Bay.

Mr. Trumpour, of Small's, who made such a brave fight for first honors in the mile race, won last year the arm chair given to the best runner over 45. He made a lot of the youngsters quit this year also.

Clarence Saltford, who sprained his ankle in the ball game, is still on crutches at Rhinebeck.

Frank Frank, the retail florist of Eighty-seventh street and Third avenue, and Joseph J. Levy, will begin their holiday with two weeks fishing at Lake Huntingdon, Sullivan county, on July 25.

William H. Donohue and William Hanft, lieutenants of Thomas Young, Jr., are away for a month's vacation.

It is asserted that the manager for a prominent wholesaler on Twenty-eighth street will lead a handsome young lady to the nuptial altar on July 16.

J. AUSTIN SHAW.

PHILADELPHIA.

The Market.

Business is flat and unprofitable this week, the beginning of summer, as one of the retailers put it. Let us hope that a summer commencing in the middle of July will be short. The weather has been cool, good for root action and for health, as shown by the small number of funeral orders. The quality of flowers is fair for the season, the outdoor stock giving needed variety. In roses, Beauties and Kaiserins lead, with some nice Liberties, and those fine Westerly Bridesmaids of S. S. Pennock's. The same Rhode Island town also sends fine blooms of Carnation Lillian Pond to the above named wholesaler. This, with Prosperity, Flora Hill and Mrs. Lawson, are best now. Valley continues to come in steadily in good form. Leo Niessen has L. auratum and L. Harrisii. Asters have come; Edgar & Co. have a purple variety. There is plenty of smilax. Sweet peas are declining, both in quantity and quality.

A Solarium.

After a season such as the one just closed, one does not naturally expect much building, so the cheerful smile and ready response of D. T. Connor, who so ably represents the Lord & Burnham Co. here, to the question of "anything new?" was a pleasant surprise. This firm has furnished material for a house 30x150 for J. Rutter Hess, of Gap, Pa.; one house 37x110 for Fred Ritchie, Lancaster, Pa.; one house 20x60 for William Gibbons, and a sun parlor at Dr. Kirkbride's asylum for the insane at Forty-fifth and Market streets, West Philadelphia. This sun parlor or solarium, as it is called, will be quite unique. It will be 35x50 feet, entirely covered with glass and built in the most substantial manner. 'It will be fitted up handsomely inside, with tables, chairs, rugs, plants, books, magazines and writing materials. It is the gift of two sons who present it to the institution in loving memory of their mother, who spent some years of her life there. The work is expected to be finished in September.

Roses.

Referring to the letter of "Ribes" in your issue of last week, the July planted houses of Beauties to which I referred did yeoman service from Thanksgiving until Lent. The firm which grew them is among the largest and most successful of Philadelphia's Beauty growers. The eastern rose growers heartily welcome "Ribes" and are glad he has become one of us.

Various Notes.

George G. Fleming and William H. Patton, at the Rittenhouse nurseries, have succeeded M. F. La Roche at Collingdale, Pa. They expect to grow cut flowers for the wholesale market and to do landscape gardening.

M. Rice & Co. received 160 cases by one steamer last Saturday. They are working overtime to keep pace with the heavy imports.

Leo Niessen continues to receive fine new crop Beauties from Carl Jurgens, of Newport, R. I.

H. Bayersdorfer & Co. expect between 200 and 300 cases of florists' supplies this week. Samples of this stock for the coming season will be shown at St.

Louis next month; some good things are promised.

Robert Scott & Son are sending in new crop Beauties to S. S. Pennock.

W. S. Peterson, of Cincinnati, who has been in this city for some months, has happily recovered from an attack of appendicitis and is out of the hospital.

The Philadelphia Carnation Co. has 55,000 carnations planted out at Secane which are growing nicely.

A chat with President Westcott and Vice-president Rust of the Florists' Club elicited the information that the club would probably leave for St. Louis on Sunday, August 14, over the Pennsylvania railroad. The round trip ticket will cost $24.75.

Amos Bernard is building three houses, each 20x100, at Kennett Square, Pa.

A. M. Campbell, with Edward Reid, says that shipping business keeps up well; lots of paper in winter keeps out cold and in summer keeps it in.

Summer is here in earnest. Some of the smaller retail stores have closed, while the larger ones have only a small force on.

Charles P. Poryzees has the first cosmos, pink and white, seen this season in an effectively arranged window.

John McIntyre is away on his vacation.

Frank Lovett, of Whelen's, at Newtown, continues to bring in plenty of stuff.

Eugene Bernheimer is still receiving Beauties and Edgelys from the Floral Exchange.

William Muth, with C. F. Edgar & Co., has just returned from his vacation.

PHIL.

CHICAGO.

The Market.

Receipts have been reduced materially since the last report and the market is no longer encumbered with the oversupply which has been such a problem to the wholesalers for the past couple of months. Replanting roses has resulted in reducing supplies to a mere fraction of what they were a month ago. The quality on the whole is up to the usual summer average but there are still too many of the low grade. There are only a few Beauties available but plenty of Liberty and Meteor. There are also enough good Brides and Bridesmaids at hand to meet the very light shipping demand, for local trade is confined principally to funeral work. Prices are a little better than last week.

The growers are also beginning to throw out the carnations preparatory to replanting and this has had its effect in reducing the surplus. But there are still more carnations than the market requires and prices are very low.

The oversupply of sweet peas is still very largely in evidence. The glut of Easter lilies gave place to an unwieldy stock of candidums, which have in turn been succeeded by the auratum, which is now coming in in good quantities but maintaining prices fairly well. Gladioli are practically out of the market for the time being. There are still plenty of peonies. Besides stock from cold storage, fresh stock is still coming from northern Michigan. The peony season is likely to last till August this year. Shasta daisies and coreopsis have been in favor and occasionally are hard to find in the market. There is plenty of most outdoor stock.

Various Notes.

D. W. Brant has leased the interest of L. M. Noe in the firm of Brant & Noe, at Forest Glen. Mr. Brant has been the western representative of the firm ever since it was established, Mr. Noe having large interests at Madison, N. J., and in New York. Mr. Brant will continue the business exactly as heretofore. He is tearing down one house and a portion of another and will rebuild as one first-class structure 38x185. The planting of carnations will be largely increased for next season.

A. Kennicott says that his supply of peonies will hold out all this week and possibly well into next. He says the peony season all along has been about three weeks later than the average year and prices have shown the effect. He says that the last thousand dozens this year will not be worth to him over $300, where last year the last thousand dozens brought more than $700. He is not, however, looking for old-time prices in the future, believing that the supplies have become too large to permit of it.

It is reported that N. K. Welter, at Evanston, will abandon carnation growing and give his space to lettuce and cucumbers. John Evert, of Rogers Park, will do the same thing and there are others who have the same step in view. But several of them are thinking that it is a good deal cheaper to make a start at lettuce than it will be to stock up with carnations again if the lettuce doesn't do so well next year.

Geo. Reinberg has decided to drop Perle from his list of roses. He is one of the few growers who have had this rose this year. There is very little call for it in this market.

E. C. Amling has returned from a week's fishing trip. A. C. Kohlbrand will leave Saturday night for northern Wisconsin to spend two weeks with the muskallonge.

Bassett & Washburn report that they are now completely sold out of rose plants. In general rose stock has not been in its usual demand this season, but this firm has had a very satisfactory business on grafted plants. Mr. Washburn is in the Wisconsin woods for a couple of weeks.

E. H. Hunt is adding considerably to his space by double-decking a considerable part of the store. The office will hereafter be on the upper floor.

Mr. and Mrs. Louis Winterson are at home from their wedding trip. It is reported that another member of the Winterson firm is shortly to take unto himself a wife.

There is every prospect of a good sale at the Fuchs auction today. A considerable part of the stock has already been sold, the Wittbold's buying all the rubber plants.

Klehm's nursery is sending Kennicott Bros. Co. a great variety of outdoor flowers which are useful for window decorations.

A. L. Vaughan and family have returned from Louisiana, where they have spent six months.

C. W. Ernie has been spending a few days at Terre Haute.

On Tuesday evening the scrubs beat the convention team in one game. The ladies now have a tournament of their own, the Winterson Co. having offered two handsome prizes for a series of twelve games. Tuesday evening Mrs. Kreitling rolled 164.

Among the week's visitors have been George A. Heinl, of Toledo, and his brother, John G. Heinl, of Terre Haute; Joseph Bock, of Burlington, Ia.; W. A. Kennedy, Milwaukee; Joseph Labo and Sigurd Biseth, of Joliet; A. L. Glaser, Dubuque, Iowa.

CINCINNATI.

The Market.

We are now having what you might call our first real summer weather. The temperature rises very near to 90 degrees every day. It is needless to say what effect this is having upon stock in the greenhouses. It is what we have to expect, though and we ought to be thankful that stock held out as long as it did this year. There is a good demand at present, due largely to the many funeral orders, and the supply is not equal to it by a good deal. All of the wholesale houses are early cleaned out of whatever stock they have that was salable and their ice boxes are empty. Especially is this true of carnations, which have suffered most from the heat of the last few days. Even those from the north are rapidly deteriorating in quality. There are not nearly enough to take care of the demand at present.

Roses are very much in the same state, but some few growers have managed to make their cuts hold out in very fair shape. Some very nice Kaiserins are to be had in limited numbers, also Liberty. Some Beauties come in now and then that are fine for so late in the season. Other varieties of roses are in most cases awfully poor. There is a good lot of outdoor white stock that has sold out quickly. A few lilies find a ready market, also some gladioli. Sweet peas are still in oversupply.

Various Notes.

Trimble McCullough, son of J. Chas McCullough, the seedsman, sailed on steamer Victoria from Seattle, Wash., July 2 on a pleasure trip through Alaska, stopping at Sitka and Nome and possibly continuing his trip through Siberian waters. He expects to be gone two or three months, in company with A. J. Trimble, a director of the steamship company.

The picnic committee is putting forth its best efforts to make this year's outing a great success. D. Rusconi, one of the committee, has already disposed of over eighty tickets and I hear that others are not far behind. All that is necessary now is a fine day. The date is Thursday, July 21, the place, Coney Island.

The regular meeting of the Florists' Society was held last Saturday evening, newly elected President Ben George in the chair. The rapidly approaching meeting of the S. A. F. was discussed and a committee consisting of E. G. Gillett and J. W. Rodgers was appointed by the chair to look after transportation. From present indications there will be quite a crowd from this city.

Wm. Rodgers is about to install a new boiler. It will be considerably larger than the old one and capable of taking good care of his plant with the newly added glass.

C. J. OHMER.

ALWAYS AT YOUR SERVICE

With supplies of the best stock the market affords at this season of the year. Your orders will receive as careful attention as ever.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $5.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Peonies.....per doz., 35c to 75c	
Valley	4.00 to 5.00
Marguerites	.50 to .75
Sweet Peas	.25 to .50
Callas, per doz.	$1.00 to $1.25
Auratum lilies, doz.	$1.25 to $1.50
Longiflorums, doz.,	$1.00 to $1.50
Asparagus, per string,	40 to 50c.
Asparagus Sprengeri	3.00 to 6.00
Ferns.....per 1000,	$1.00 .15
Galax.....per 1000,	$1.25 .15
Adiantum	.75 to 1.00
Smilax .....per doz.,	$1.50.

Subject to change without notice.

ST. LOUIS.

The Market.

Business since the Fourth has been very slow among the retailers. The weather has not been any too good during the week just past, almost every day heavy showers, which made the nights cold. The democratic convention did not bring the expected increase in trade, though some of the down-town florists had quite a few orders at the different hotels where headquarters were established. From now on the retailers will be buying lightly and Boston ferns and palms are the only window displays seen.

At the wholesale houses plenty of stock is to be had, but not of the first quality, especially so in roses and carnations. Of the roses, American Beauties are none too good, color very pale, but the best sell for $2 per dozen, shorts from $4 to $6 per 100. In smaller roses, Ivory looks the best for white, at $6 per 100 for choice. Maids, too, are off color now. Liberty and Meteor are plentiful and so are Bride, Golden Gate and Kaiserin. These range in price from $3 to $5 per 100. Some extra fine valley is to be had at $2.50 per 100.

Carnations are very small and fancy stock is hard to get. Colored stock is very poor, white being much better. The Lawsons that come in are especially of poor quality. The average price is $1.50 per 100, but a few extras bring $2.

The biggest overstock in the market is sweet peas. These are sold very cheap in big lots and they come in by the thousands. A few good asters are in but not enough to go around. Outdoor stock is very plentiful.

Various Notes.

The growers are still busy benching chrysanthemums and replanting rose houses. They report that the rainy weather has interfered greatly with their outdoor work. Quite a lot of building is going on in Kirkwood, Webster Grove, Old Orchard and in the southern part of the city and all want to be through with their work by convention time.

William F. Kasting, who has been with us all of the last week attending the democratic convention, left Saturday night for Chicago. While here he visited some of his old friends whom he knew twelve years ago when "Billy" worked for The Jordan Floral Company. He also visited the World's Fair and the Pike. He claims he had better luck than his Chicago friends, Phil Hauswirth and George Asmus, who were here a week previous. Mr. Kasting predicts a great convention next month and says that Buffalo will be on hand as big as ever. The Kasting cup, which he will present to the Florists' Bowling Association, will be the finest ever competed for by the florists' bowling teams.

A. L. Vaughan, wife and daughter spent Friday in St. Louis at the exposition. Mr. Vaughan had a few moments to spare to call on friends. They were on their way back to Chicago to live, after spending six months in the south.

Paul Neuman, who has charge of the Holy Name cemetery at Buffalo, is taking in the fair and visiting the different cemeteries about the city.

A. Berdan is sending to this market the very best of lily of the valley, which is handled by Frank Ellis. The other Kirkwood florists are sending in thousands of sweet peas. Those of Pilcher, the Udes, Gross and Winter are very fine. John Connon, of Webster Grove, is also sending in some good carnations and sweet peas.

Superintendent Kuehn reports that a great deal of space is taken for the trade display and as the convention is only five weeks away those who contemplate making an exhibit should make application for space at once, so as not to delay matters at the last moment. The souvenir book is now in the hands of the printer and will be ready for distribution by August 1. This will be one of the handsomest books ever gotten out. Messrs. Koenig, Ammann, Weber, Beyer, Tesson and Ostertag, the other chairmen of committees, are all hard at work to make the convention a grand success.

At the World's Fair the horticultural features are now at their best. The floral clock is attracting great crowds of people daily. There are plants of new varieties of cannas to be seen, also everything that is new in the plant line. As to heat, we have it as cool as any city during the month of August. Come next month and be convinced.

Bowling.

Team No. 1 was badly beaten Monday night, principally through the grand bowling of Charles Kuehn, he averaging 211 per game.

Team No. 1.	1st	2d	3d	T'l
Beneke	161	137	148	446
Ellison	124	165	162	451
Miller	155	155	125	435
Meinhardt	136	138	128	402
Ed. Gerlach	71	96	112	279
Totals	637	691	675	2,013

Team No. 2.	1st	2d	3d	T'l
Kuehn	167	210	257	634
Beyer	137	140	128	405
Beneke, Jr.	137	163	156	456
Weber	151	122	126	399
Weber, Jr.	122	106	122	350
Totals	714	741	789	2,244

C. C. Sanders and Theo. Miller left Tuesday night to spend a few days in Chicago, on business and pleasure.

J. J. B.

NEW BEDFORD, MASS.

We are all getting ready and cleaning up for next season's business. Business is very quiet at the present time. Good cut flowers of all kinds are scarce. Peckham is cutting some fine gladioli and sweet peas. All the florists report the best season on bedding plants they ever had. W. G. Kroeber is busy building his new greenhouse.

The Florists' Club is to have an outing on Friday, July 22, and a great time is expected. It was voted to invite the florists who are not members to join the party and help to make the outing a great success. This is the club's first attempt to have an outing, and we all hope to make it a really good time. Friends of the club have put up a purse of $25 for a baseball game between the store men and greenhouse men. E. H. Chamberlain is manager and captain of the store team, and Edw. Blum of the greenhouse team. The greenhouse men say they are going to put the store team out of business to square themselves for the knocks they have had to take the past season for the poor stuff they have brought in for the store men to sell. There is also to be a fat men's race for a box of cigars, and a hurdle race between the clerks of W. P. Peirce and E. H. Chamberlain. A. B. Hathaway has challenged any of the members to climb a greased pole, but as yet no one has accepted.

C.

JOLIET, ILL.—A preliminary schedule has been issued for the November flower show. Copies may be had by addressing the Joliet Improvement Association.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

L. W. Bowen, of D. M. Ferry & Co., Detroit, is in Europe.

At Louisville the onion sets are about made. The dry weather has shortened the crop considerably.

Visited Chicago.—W. C. Langbridge, representing J. B. Rice Seed Co., Cambridge, N. Y.

In Michigan, the bean fields are looking well. The stand is good and the outlook promises an average crop if good weather continues.

W. B. Longstreth, Gratiot, O., grows the onion sets to supply his local trade and reports the crop looking well July 9, the season generally cool, and wet.

Good rains in the sections of Michigan where radish seed is growing have helped to push the plants along. The outlook is now more favorable for a crop.

"The yield of cucumbers from acreage under contract to picklers will be heavy if the weather is favorable, as a large acreage was planted," says a western pickler.

In Wisconsin early peas have blossomed and are beginning to set pods. Present conditions point to a fair harvest of Alaskas and extra earlies. The dwarf wrinkled sorts are not so promising.

Jamestown, N. Y.—The Walter Mott Seed and Bulb Co. reports local trade, embracing the territory within a radius of twenty-five miles, as very satisfactory, considerably in advance of last year, in spite of a poor season, late spring and wet weather.

The cucumber crop seems to be doing well thus far. The plants are backward but appear healthy. From the present outlook, it all depends upon the weather from now on, as the stand at this date is about as good as it could be under the circumstances.

At Chicago the onion set crop looks well in some fields; in others the thin stand, owing to rough ground at seeding time, will cut down the quantity that should be harvested. The later plantings, which it was thought might come along properly, still show lack of seasonable growth and will hardly mature more than half a crop.

In some gardening sections this year complaint is made that head lettuce runs to seed instead of making a head. A check in the growth of the plant is responsible for this. Changeable weather, one day hot, the next cold, will sometimes cause it. Drouth followed by wet will do the same. Beet and many other crops will run to seed under the same conditions. The present season has been unusually hard upon the growing plants and it is likely that things of this kind will occur. Gardeners who have been at the business for a number of years understand this from experience, and it is not an unusual occurrence.

Visited Indianapolis.—S. F. Leonard, Chicago.

Crops of one or two important lettuce varieties are reported failures by a California grower.

Musk melons, squashes and pumpkins are not doing well, and a short seed crop is in prospect.

California reports that the onion seed crop is likely to be much shorter than former advices indicated.

CATALOGUES WITHOUT STAMPS.

There is much interest among seedsmen and nurserymen in the matter of mailing catalogues in bulk, without stamps affixed, prepayment being by cash. A. A. Berry, of Clarinda, Ia., took the matter up with his postmaster and he in turn with the Department at Washington. The correspondence is self-explanatory. The first letter is to the Review from Mr. Berry, as follows:

We herewith enclose a letter to our postmaster, from the authorities at Washington, in regard to a matter that the seedsmen have been patiently working on for years to bring to pass. You can see that it is now a reality. At the recent meeting, held at St. Louis, the matter was up before them and nothing definite was known and we believe as yet the facts are not known. This will be quite a boon for all mail order houses and especially seed houses, as the affixing of stamps is quite a task when from 100,000 to 200,000 catalogues are sent out; besides it saves the risk of handling postage stamps, as there is always more or less loss in affixing them. So you will see it is quite an advantage for this ruling to be in use indeed.

The following is the reply of Mr. Madden, third assistant postmaster general, dated June 25, to the inquiry of the postmaster at Clarinda, Ia.:

I am in receipt of your communication of the 15th instant, in relation to the provision of the Act of April 28, 1904, making appropriations for the service of the Post Office Department, etc., under which not less than 2,000 identical pieces of third and fourth-class matter may be accepted, upon payment of the proper amount of postage and under such regulations as the Postmaster General may prescribe, for transmission in the mails without postage stamps affixed.

The Department will formulate the necessary regulations, which will be made effective as soon as practicable, and will be given publicity through the press and otherwise.

It having been reported at the Seed Trade convention that a ruling had been issued to cover the operation of the law, the Review on July 1 applied to F. E. Coyne, postmaster at Chicago, for a copy of the regulations. His reply, under date of July 5, was as follows:

Replying to your communication of the 1st instant, I beg to state that the department has not issued any orders which provide for the mailing of catalogues in bulk without stamps affixed.

BRITISH TRADE LAWS.

In the British House of Commons inquiry was made as to the advisability of some amendment in or addition to the law as it now stood for the better protection of agriculturists and honest seed merchants. The following reply was received from Mr. Fellowes: "A case in which certain foreign seed was sold as English clover was recently brought under the notice of the board. Proceedings were instituted under the merchandise marks act, and the vender was fined £10, with 6s. court fees and £21 towards the cost of the prosecution. This result goes to confirm the conclusion arrived at by the departmental committee of 1900, who expressed the opinion that there was no practical difficulty under the existing law in the way of obtaining thoroughly good and reliable seeds by those who know how to set about it; but we shall be very happy to give full consideration to any representations or suggestions which may be made to us on the subject."

PUEBLO, COLO.

The greenhouse owners are beginning to recover from the terrible hailstorm of last May. All of them have bought glass to reglaze the houses. G. Fleischer was the heaviest loser. He is short on flowers for his retail store. He has men cleaning out broken glass, tons of it. He will rebuild some of his houses, as the wood was pretty well rotted out.

Charley Wallace has bought out his partner, D. M. McMurray, and will go it alone. Mr. McMurray has rented the Harry Baker greenhouses and will probably grow flowers. They have been used for vegetables.

The J. J. Thomas plant has cleaned up the several tons of broken glass and is putting on the new glass and growing a crop of cucumbers. They were badly damaged by the hail but will turn off nearly half crop. The Thomas houses grow vegetables exclusively.

E. G. Donnelly has bought glass and will begin repairs at once. So will C. O. Zimmerman.

The Florists' Hail Association was hit pretty hard but responded in fine shape and at once. The association stands high in this neck of the woods.

A wonderful downpour of rain today makes outdoor stuff look fine.

J. T.

Pittsburg, Pa.—Fire did a couple of hundred dollars' damage in the store of Randolph & McClements July 5.

Jacksonville, Ill.—Joseph Heinl & Sons has been incorporated. The capital stock is $20,000 and the incorporators are Joseph Heinl, Harry Heinl and William Heinl.

Montpelier, Vt.—Alex Emslie has made an arrangement with F. P. Carleton, the well-known sweet pea grower, by which he will handle his entire cut of sweet peas for the season.

Rockville, Ind.—D. A. Graham has sold out his business here to Howard Brubeck and has removed to Joplin, Mo., where he will start in business with two modern greenhouses.

Indianapolis, Ind.—F. A. Conway & Co. have brought suit against Cook & Schmidt, brick manufacturers, in Justice Smock's court for damages they claim has been done to their stock by dust from the bricks. Conway & Co. ask $50.00 damages.

Anoka, Minn.—Trade is again quite good, after two weeks very dull. Benching is well under way at the Pratt-Ford greenhouses. They had fine success with Lawson, Enchantress and Prosperity indoors last summer, and are growing more that way this season. H. E. Philpott, of Winnipeg, was a caller here both going to and returning from the St. Louis Fair.

Reliable Seeds for Florists
STUMPP & WALTER CO.
50 BARCLAY STREET,
Branch Store: .... 404 East 24th Street,
NEW YORK.

Thorburn's Bulbs

We are now prepared to quote

Lilium Harrisii,
Lilium Longiflorum,
Dutch Hyacinths,
Roman Hyacinths,
Paper White Narcissus,
Tulips and other Bulbs for Florists.

Send for prices stating kinds and quantities required.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

For Sale.

Having separated our wholesale and retail seed business, I now wish to sell my interest in the retail. This business, known under the name of St. Louis Seed Company, is one of the finest retail and mail order chances in its line in the West. This offer will stand close investigation and is only made through a lack of time on my part to attend to both branches of the trade.

For further particulars, address

FRED. S. PLANT,
814 North 4th Street, ST. LOUIS, MO.

Florists' Bulbs.

BEST GRADE ONLY.
Import orders booked NOW.
Write for prices.

W. C. Beckert, Allegheny, Pa.

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,
1409 W. Madison St., CHICAGO.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

NEW CROP....POPULAR PANSIES

from the most reliable ENGLISH, GERMAN and FRENCH Growers.

	Per 3000 seeds.	Per oz.
Azure Blue	25c	$ .75
Bugnot's Giant Blotched	50c	4.00
Belgian Striped	25c	.80
Bronze varieties, very rich	25c	.80
Cassier's Giant Blotched.	50c	4.00
Emperor William, ultramarine blue.	25c	.75
Fire Dragon, orange and bronze	25c	.80
Havana Brown	25c	.75
Lord Beaconsfield, deep purple violet	25c	.80
Mahogany Colored	25c	.80
Meteor, bright yellow and brown	25c	.80
Peacock, ultramarine blue, claret and white	30c	1.00
Prince Bismarck, golden bronze	25c	.75
Rainbow or Pheasant's Eye (quadricolor	25c	.85
Snow Queen (Candidissima) satiny white	25c	$ .75
White with Dark Eye	25c	.75
Yellow with Dark Eye	25c	.80
Pure Yellow	25c	.75
Improved Giant Trimardeau, mixed	25c	1.00
" " " separate colors	30c	1.25
Splendid Mixed German	25c	.75
Giant Mme. Perret (grown by Lucien Perret, the introducer)	50c	4.00

Our KINGLY COLLECTION of GIANT PANSIES, unquestionably the finest strain of Giant Pansies now offered to the trade.
1000 seeds ...30c. 2000 seeds .. 50c.
5000 seeds...$1.00. Per ounce ..$5 00.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

PANSIES

Michell's Giant Exhibition Strain. There are seeds and seeds you know. This Strain of ours is something fine. This seed being the cream of the stock of the best European and American growers. Packet 50 cents; ⅛ oz. 75 cents; 1 oz. $5.00.

Write us for quotations on LILIUM HARRISII for delivery this month. The stock will be fine.

Henry F. Michell Co., 1018 Market St., **Philadelphia**

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

PANSY SEED.

Boddington's "Challenge," a mixture of the choicest strains of 5 leading Pansy specialists of America and Europe. All large flowers of good substance in an infinite variety of color and markings. New Crop Seed ready July. Trade pkt., $1.00; ¼ oz., $2.00; oz., $5.00

Mignonette Seed.

Boddington's "Majesty," the finest of all fancy varieties of Mignonette, an improvement on "New York Market." Seed saved only from select spikes under glass. Per trade packet of 2000 seeds, $1.00.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 342 W. 14th ST., **NEW YORK.**

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5 00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50: 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages



Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

Mention The Review when you write.

NEW HAVEN, CONN.

Business has settled down to the usual summer conditions, trade being chiefly confined to funeral work. Roses are far below the average but carnations are good for this part of the season and will be less plentiful each week, as the growers are starting to empty their houses of plants and soil. The hard work has started for the growers. While the retailers are at the shores trying to get a nice tan on their bodies, the growers are getting their tan under glass.

The month of June has been a record breaker as far as cut flowers and late bedding plants are concerned. Never before in this city were there so many sweet peas sold during the month of June. Six or seven years ago there was only one grower who raised sweet peas to bloom during the spring months, but each year has seen one or two more growing them until this year they are grown by every one whose houses allow head room enough for the vines. The demand has been unusually good and each grower has sold them to advantage.

A few asters and some dahlias are seen now and then but the salvation of the retailer is the sweet pea during the summer months. S. H. W.

BOILER AND PIPING.

What size boiler do we require to heat three houses 18x70 feet, the temperature ranging from 35 to 50 degrees or more? The houses have glass gables in one end and are built east and west. Would a boiler eight feet long, three feet in diameter and containing twenty-two 3-inch flues heat the buildings? What would be the horse-power of such a boiler? What size of flow pipe would it be advisable to use? We were intending to use a 2-inch flow with 1-inch returns, the houses being heated by steam.

K. & M.

The three greenhouses in question would each need, to maintain a temperature of 50 degrees during severe weather, a 2-inch riser under the ridge and twelve 1-inch returns running the full length of the houses. These houses require about 1,000 feet of radiation to maintain 50 degrees with steam under five pounds pressure. To supply this a boiler with about 130 feet of heating surface would be needed. The boiler in question, which is eight feet long, three feet in diameter, with twenty-two 3-inch tubes, if set to work, as a return tubular, would give about 200 feet of heating surface, which would provide a good safe limit of capacity for the houses in question. L. C. C.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—8000 feet of glass, well stocked; two acres; good five-room cottage; city water; telephones; wagon and tools; can sell everything you grow; in city of 6000 in Missouri; poor health reason for selling. Address No. 185, care Florists' Review, Chicago.

FOR SALE—Gasoline engine, 1 horse-power, in good working condition, will run a pump raising 300 gallons per hour 50 feet high; price, complete with battery ready to run, $35.00; without battery, $30.00. W. R. Gray, Oakton, Va.

FOR SALE—No. 17 Hitchings boiler, good as new, $65. Geo. Milne, Winchester, Mass.

SITUATION WANTED—By English gardener, 12 years' experience, fruit, vegetables, glass; total abstainer; single, 29; prefer charge of small place. Merry, care Gloede, Florist, Gray Ave., Evanston Ill.

FOR SALE—Greenhouse built last year; 800 ft.; 2½ acres ground; 50 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

WANTED—At once, a young man as assistant in greenhouses; send references and state wages with room and board. J. Sanstrom, Momence, Ill.

SITUATION WANTED—By young man as manager of floral store or as head designer; experienced; steady; references. Address G. B., No. 182. Delavan, Ill.

WANTED—A first-class man for general greenhouse work; must be experienced in summer propagation of roses and shrubs, also capable of keeping up stock for wholesale and retail catalogue trade; man must be energetic and reliable; write, giving full particulars and wages expected. Wagner Park Conservatories, Sidney, Ohio.

WANTED—A sober, industrious, middle-aged man, married, to work on small place with fruit and greenhouses; would prefer one with one or two children large enough to do light work in greenhouses and in the fruit; for such a man will furnish house rent, fruit and vegetables the year around with fair wages. Wm. B. Lovell, Sabula, Iowa.

WANTED—Competent man for general greenhouse work; good salary; references. Address E. C. Henry, Frankfort, Ky.

SITUATION WANTED—As foreman by a first-class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 184, care Florists' Review, Chicago.

FOR SALE—Second hand Boynton hot water heater, six sections, will heat 1500 lineal feet 2-inch pipe; warranted sound and practically as good as new. Price f. o. b. Randolph, $50 cash. H. M. Totman, Randolph, Vt.

WANTED—Six greenhouse valves to use on 4-inch soil pipe, must be in good condition and state the price. D. C. Noble, Columbia City, Ind.

FOR SALE—In a wealthy town near Boston a nice piece of property, enough glass for one man. For particulars address No. 183, care Florists' Review, Chicago.

WANTED—Competent single German gardener with special knowledge of carnations and hotbeds; state experience and wages with furnished room. South Bend Floral Co., South Bend, Ind.

WANTED—A competent man to take charge of private place for a customer of ours; must thoroughly understand lawns, bedding and vegetables, as well as the care of hotbeds and cold frames. State all particulars age, single or married, salary expected, etc. No attention paid to letters without testimonials. Lindsay Floral Co., Birmingham, Ala.

FOR SALE—Twenty-five 1¼-inch brass gate valves in perfect condition. $1.00 each. J. A. DeMar, Silver Lake, Mass.

WANTED—To rent or buy a small retail florist business or store. Address No. 181, care Florists' Review, Chicago.

SITUATION WANTED—By a good all-round florist, good grower of carnations, mums and general line, also a good designer; married, no children, German, age 31; would like to run a place for somebody or go as a partner in some paying retail business; is able to invest some money; first-class references. Address No. 182, care Florists' Review, Chicago.

WANTED—A good all-round man; must be sober and a worker; wages $60 per month; state age and experience. Seattle Floral Co., Fourth Avenue and Denny Way, Seattle, Wash.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—14,000 feet of glass; well paying, in thriving town with six railroads, in central Indiana natural gas belt; best rose soil in country; large stock, in full running order; on time, at a bargain as the owner wishes to retire. Address No. 178, care Florists' Review, Chicago.

FOR SALE—New glass 25 boxes 16x24 D. S. A. at $3.37 per box, and 25 boxes 16x18 D. S. A. at $3.05 per box. F. O. B. Chicago. Address No. 179, care Florists' Review, Chicago.

FOR SALE—Some 10x14 and larger double thick glass at $2.60 per box. W. H. Salter, Rochester, N. Y.

FOR SALE—Or lease. A real bargain, consisting of 10,000 feet of glass and store; best retail trade and future in best city of Texas; reason for selling, engaged in other business and wishing to retire; little capital required for the right man. Address No. 177, care Florists' Review, Chicago.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—Two greenhouses, one 22x125 feet, and one 10x125 feet; all double thick glass, with pipe, boiler, fittings and lumber, all complete; will sell for a little more than one-third of their original cost. Address Oscar F. Pabst, Rutledge, Delaware Co., Pa.

WANTED—A good man for retail flower store in Chicago. Must be an able and energetic salesman and good designer. Address No. 153 care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

SITUATION WANTED—In good seed house by experienced gardener, married, age 31, who has some experience in seed business and would like to work himself up in that line. Address No. 176, care Florists' Review, Chicago.

SITUATION WANTED—By florist, landscape gardener, grower, designer, etc.; life experience; private or commercial; would rent or run good place on shares; German, married, age 37; best references. Address Braun, box 54, Spencer, Mass.

FOR SALE—Three Foley Perfection ventilating machines at $3.50 each or $10.00 for three. Cash with order. G. W. Doswell & Son, Fort Wayne, Ind.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot. Also some 4-inch. W. H. Salter, Rochester, N.Y.

WANTED—A second-hand first patent Carmody boiler. Address L. Heinl, Terre Haute Ind.

FOR RENT—Four greenhouses, 10,000 feet of glass; everything in good order; only greenhouse here; population 40,000; would sell on easy terms. L. O'Sullivan, West Superior, Wis.

WANTED—To lease or buy greenhouse plant with store connected; must have good retail trade. Address No. 168, care Florists' Review, Chicago.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. 149, care Florists' Review, Chicago.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

A FIRST-CLASS

Top Delivery Wagon

For Sale. Can be used by commercial grower or retail florist.

Also a first-class TWO-SEATED WAGON.

Apply to CHARLES MILLANG,

50 West 29th St., NEW YORK CITY.

FOR SALE CHEAP

RETIRING FROM BUSINESS.

Three greenhouses 55 by 18 feet, heated by steam; also brick dwelling, 7 rooms and bath; very good trade; near a large cemetery; location fine, terms easy. Apply to Mrs. CATHARINE AHLERS, Morton and Ridge Avenues, Roxborough, Philadelphia, or at Michell's Seed House, 1018 Market Street, Philadelphia, Pa.

WANTED.

A good reliable man, capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.

J. F. WILCOX, COUNCIL BLUFFS, IA.

SAMUEL S. PENNOCK,

Summer Roses. **Beauties, Kaiserins, etc.** Wholesale Florist, **1612 Ludlow St., PHILADELPHIA.**

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WHOLESALE FLORIST, 11 South 16th St., **PHILADELPHIA.**

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BERGER BROTHERS, Roses and Sweet Peas.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. **PHILADELPHIA.**

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Decorative Material

Hardy Cut Ferns, $1.00 per 1000. Bronze Galax Leaves, $1.00 per 1000. English Ivy Leaves, 60c per 100; $5.00 per 1000. Adiantum Cuneatum Fronds, 75c per 100. Asparagus Plumosus, Sprengeri and Smilax Strings. **All Kinds of Florists' Supplies.**

H. L. MENAND,

34 William St. Telephone. **ALBANY, N. Y.**

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Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c. Home-grown, 5 to 5½-inch pots, 7, 8, 9, 10 leaves, 30c, 35c, 40c to 50c.

Asparagus Plumosus—3-inch, strong, $8 00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, 15 and 20 leaves, 8 cents a leaf.

Boston Ferns—6-inch, 40c.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, July 18.

		Per doz.
Beauties, Specials	$2.00 to	$3.00
" Extra		1.50
" Medium		1.00
" Short	.50 to	.75
		Per 100
Bride and Bridesmaid	4.00 to	5.00
" " Specials	2.00 to	3.00
Kaiserin, Firsts	5.00 to	6.00
" Seconds	2.00 to	3.00
Liberty, Firsts	8.00 to	10.00
" Seconds	2.00 to	6.00
Cattleyas		50.00
Carnations, Commons		1.00
" Fancy		1.50
" Novelties		2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprengeri Sprays	35.00 to	50.00
Asters	.50 to	.75
Lilium Auratum doz.	1.00 to	1.50
" Harrisii doz.	.75 to	1.00
Lily of the Valley	2.00 to	4.00
Smilax	10.00 to	12.50
Sweet Peas	.20 to	.30
Petunias, double	.50 to	1.00

I LOOK for the REVIEW on Sundays just as I do my meals and could do without one as well as the other.—FRANK IMBACH, Newport News, Va.

C. F. EDGAR & CO.

WHOLESALE FLORISTS

1516-18 Sansom St., Phila.

Carnations, Kaiserins, Smilax.

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EDWARD REID,

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Everything Seasonable in **CUT FLOWERS**

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

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WHOLESALE FLORIST,

Carnations, Roses, Sweet Peas.

1432 South Penn Square, **Philadelphia.**

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WANTED.

Boston Ferns—good medium sized stuff from bench or pots. Also Pandanus Veitchii cuttings or plants, small and medium. State number, size and price.

JOHN WELSH YOUNG,

Germantown, Philadelphia, Pa.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

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JOSEPH HEACOCK,

WYNCOTE, PA.

Grower of

Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.

See page 33, May 26 issue, for prices.

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CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids per 100,	$3 00 to 6 00
Bride "	3 00 to 6 00

	Per 100	
Ivory	$3 00 to	$6 00
Meteor	3 00 to	6 00
Liberty	6 00 to	10 00
Golden Gate	3 00 to	6 00
Perle	3 00 to	6 00
La France	4 00 to	8 00
Kaiserin	4 00 to	8 00
Carnations, good		1 00
" fancy		2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

FANCY ROSES AND FANCY CARNATIONS

Pittsburg Cut Flower Co., Ltd., **504 LIBERTY AVE., PITTSBURG, Pa.**

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Charles Millang, 50 W. 29th St. **New York**

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
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SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, July 11.

		Per 100
Beauties,	Specials	$ 8.00 to $12.00
"	Extra	4.00 to 5.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
"	Selects	.50 to .75
"	Fancies	.75 to 1.00
"	Novelties	1.00 to 2.50
Adiantum Cuneatum		.25 to .35
"	Croweanum	1.25
Asparagus Plumosus, strings		25.00 to 50.00
"	Sprengeri.....bunches	6.00 to 10.00
Gladioli		1.00 to 4.00
Lilium Auratum		2.00 to 3.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 8.00
Stocks	bunch	.04 to .08
Sweet Peas	"	.01 to .02

The REVIEW has been of great benefit to us.—W. H. NEWMAN, Akron, N. Y.

I WOULD not want to do without the REVIEW.—J. H. FIESSER, West Hoboken, N. J.

I AM well satisfied with the REVIEW and could not well get along without it. —E. JENSEN, West Superior, Wis.

JOSEPH S. FENRICH
WHOLESALE FLORIST,
48 W. 30th Street, **New York City.**
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For SOUTHERN WILD SMILAX
(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
Caldwell The Woodsman Co., Evergreen, Ala.
or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.
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WHOLESALE FLORIST,
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VIOLETS our specialty.
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NEW YORK CUT FLOWER CO.
GENERAL MANAGER
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122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. **New York**
Mention The Review when you write.

National Florists' Board of Trade
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HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar),.....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 **NEW YORK CITY**
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At the S. A. F. Convention to be held at St. Louis, August 16th to 19th.

This is last chance to make application. Particulars from **C. A. KUEHN**, Supt. of Exhibits,
1122 Pine Street, ST. LOUIS, MO.

ESTABLISHED 1873.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.

Tel. No. 956 Madison Square.

WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.

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hipments daily all over the country.

Correspondence Suggested.

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Coogan Building, 55-57 West 26th St. **NEW YORK CITY.**

Phone 289 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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Wholesale Commission Florist,

113 W. 30th St., Tel. 854 Madison Sq., **NEW YORK CITY.**

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Mention The Review when you write.

A Daily Cut from 40 Growers.

"Highest Qualities" as well as "Under Grades" at ruling market quotations.

We can and will supply your Cut Flower wants to advantage. We carry the

Most complete line of FLORISTS' SUPPLIES in the West.

CATALOGUE FREE.

Headquarters for HARDY FERNS.

E. F. WINTERSON CO.

E. F. Winterson. John P. Degnan. L. H. Winterson.

Successors to McKELLAR & WINTERSON.

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Pittsburg, July 18.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 15.00
" No. 1	5.00 to 10.00
Brides and Maids, Specials	6.00
" " " Extra	5.00
" " " No. 1	2.00 to 3.00
" " " No. 2	.50 to 1.00
Cusin	1.00 to 3.00
Kaiserin	2.00 to 10.00
Liberty	2.00 to 8.00
Carnations, Common	.50 to .75
" Selects	1.00
" Fancies	1.25 to 2.00
" Novelties	3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, strings	20.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri, "	1.00 to 2.00
Asters	.75 to 1.50
Gladiolus	4.00 to 6.00
Lily of the Valley	2.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.25 to .50

Buffalo, July 18.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 4.00
Brides and Maids, Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
" " No. 2	1.00 to 2.00
Carnot	2.00 to 6.00
Cusin	2.00 to 4.00
Golden Gate	2.00 to 4.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle	2.00 to 5.00
Sunrise	1.00 to 3.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	1.00 to 1.50
Gladiolus	2.00 to 4.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .25
Water Lilies	.50 to 2.50

I FIND the REVIEW a storehouse of useful information and do not wish to miss a single issue.—W. B. LONGSTRETH, Gratiot, O.

PLEASE send the REVIEW for this year as I like it very much and will send you an adv. later.—A. J. THOMPSON, West Haven, Conn.

"I COULD not possibly do without the REVIEW; when I fail to get it of a week I am completely lost."—J. R. Farrant, Newport, Vt.

"THE REVIEW has been a welcome visitor the past year; it is very instructive. just what every florist ought to have."—S. M. WYATT, Watseka, Ill.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Mention The Review when you write.

FORD BROS.

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Wholesale Cut Flower Prices.

Chicago, July 13.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24 "		2.00
" 20 "		1.50
" 15 "		1.25
" 12 "		1.00
" Shorts	per 100	$4.00 to 6.00
		Per 100
Bridesmaids, Specials		$4.00 to 6.00
" " Firsts		2.00 to 3.00
Brides, Specials		4.00 to 6.00
" Firsts		2.00 to 3.00
Liberty, Specials		6.00 to 8.00
" Firsts		2.00 to 5.00
Golden Gate, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Kaiserin, Firsts		6.00 to 8.00
" Seconds		4.00 to 5.00
Meteor, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Ivory, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Perles, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
La France		5.00 to 8.00
Carnations, Fancy		1.00
" Common		.50 to .75
Asters		1.00 to 1.50
Peonies	per doz.	.20 to .75
Gladiolus	per doz.	.75 to 1.50
Sweet Peas		.15 to .40
Easter lilies, $1.00 to $1.50 per doz.		
Callas, $1.00 to $1.25 per doz.		
Auratums	doz.	1.25 to 1.50
Water Lilies		1.00
Valley		4.00 to 5.00
Asparagus strings		40.00 to 50.00
" sprays	per bunch	.35 to .50
" Sprengeri		3.00 to 6.00
Smilax	per dozen	1.50
Galax	per 1000	1.25
Ferns	per 1000	1.00

GRATIOT, O.—In the twenty-four hours beginning Wednesday evening, July 6, six and one-half inches of rain fell, doing much damage to all kinds of stock in the field.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
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Full line of FLORISTS' SUPPLIES and SUNDRIES.

All CUT FLOWERS in season. **26 Miami Ave., Detroit, Mich.**

Send for Weekly Price List.

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Wholesale Cut Flower Prices.

Milwaukee, July 18.

	Per 100
Beauties, Specials	$25.00
" Extra	$15.00 to 18.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	6.00
" " Extra	4.00
" " No. 1	2.00
" " No. 2	1.00
Golden Gate	4.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 8.00
Mme. Chatenay	2.00
Meteors	2.00 to 4.00
Perle	2.00 to 4.00
Carnations, Selects	1.00
" Fancies	1.50
Adiantum Cuneatum	1.00
Asparagus plumosus, Strings	50.00
" " Sprays	2.00 to 3.00
" Sprengeri "	2.00 to 3.00
Daisies	.50
Lilium Longiflorum	12.50
Mignonette	2.00
Smilax	15.00 to 18.00
Sweet Peas	.25

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36 EAST THIRD ST., Cincinnati, Ohio.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

St. Louis, July 18.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" No. 1	.50 to .75
	Per 100
Brides and Maids, Specials	$5.00 to $6.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	4.00 to 5.00
Golden Gate	4.00 to 5.00
Kaiserin	4.00 to 5.00
Liberty	3.00 to 6.00
Meteor	3.00 to 5.00
Perle	2.00 to 3.00
Carnations, Common	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus plumosus, Strings	25.00 to 35.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 1.50
Asters	2.00 to 3.00
Daisies	.25 to .50
Gladiolus	3.00 to 4.00
Hollyhocks	.50 to .75
Lily of the Valley	2.00 to 3.00
Smilax	15.00 to 18.00
Sweet Peas	.15 to .25
Tuberoses	3.00 to 4.00

Cincinnati, July 18.

	Per 100
Beauties, Specials	$25.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12.50
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Ousin	2.00 to 4.00
Golden Gate	2.00 to 4.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Meteor	2.00 to 5.00
Perle	2.00 to 4.00
Sunrise	2.00 to 4.00
Carnations, Common	.75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum Cuneatum	1.00 to 1.50
Asparagus plumosus, strings	35.00 to 50.00
" " sprays	4.00 to 5.00
" Sprengeri "	2.00 to 3.00
Callas	8.00 to 10.00
Dahlias	2.00 to 3.00
Daisies	.25 to 1.00
Gladiolus	2.00 to 4.00
Lilium Longiflorum	10.00 to 12.50
Lily of the Valley	3.00 to 4.00
Smilax	10.00 to 12.50
Stocks	2.00 to 4.00
Sweet Peas	.15 to .35

AM WELL pleased with the REVIEW, particularly with Mr. Scott's notes.—H. HUEBNER, Groton, Mass.

PETER WEILAND,

Wholesale Grower of CUT FLOWERS,

ROSES, CARNATIONS AND FERNS A SPECIALTY.

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THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited.
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Satisfaction Guaranteed. Telegraph, Telephone or Write Us. Satisfaction Guaranteed

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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1294 BROADWAY,
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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All Orders Given Prompt and Careful Attention.

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J. A. VALENTINE, Pres. DENVER, Colo.

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Telephone Central 2522. 51 Monroe St., CHICAGO.

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AUG. S. SWANSON

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EVERY STEAMER BRINGS US IN FRESH IMPORTATIONS

OF FLORISTS' SUPPLIES SELECTED BY MR. BAYERSDORFER IN EUROPE. WE ARE TOO BUSY TO TELL YOU ABOUT THEM BUT WILL DO SO AS SOON AS WE HAVE THEM UNPACKED

THE LARGEST FLORISTS' SUPPLY HOUSE IN AMERICA.

H. Bayersdorfer & Co., 50-56 North 4th Street, Philadelphia, Pa.

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RETAIL FLORISTS.

(CONTINUED.)

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

J. J. BENEKE,

1330 Olive Street, ST. LOUIS, MO.

Vegetable Forcing.

LAST year a very destructive epidemic due to the fungus called Cercospora melonis inflicted a loss of over $100,000 on the cucumber growers in the south of England.

INDOOR GRAPE CULTURE.

I read with much interest, first, the notes on this subject by Mr. Croydon and then those by Mr. Scott and, as I have been in a position to study this subject at close range, perhaps a few remarks may be of interest.

The chief question is, can grape growing be made to pay in this country? A year or two ago I would say yes, but today I am more pessimistic as to the results. Mr. Scott speaks of a Belgian grower whose grapes netted him $2 a pound in the New York market. I doubt, if that same grower is shipping to New York today, whether he nets one-fourth of that sum. It seems to me that the growers of Europe are using the New York market as a dumping ground. By shipping large quantities over here they are enabled to relieve the congestion in their own market, and as the cost of transportation is practically nothing, they, owing to the cheapness of production can sell cheaply and still stand to make a small profit. The commission dealer in New York does not seem to care for the home-grown grapes so long as the imported article is in the market. It is discouraging to a man with perhaps a ton of grapes hanging on his vines to be able to sell only thirty or forty pounds in a week, and on top of this have the dealer send word that no more should be sent until he calls for them. In my humble opinion a market has to be created before grape culture here will become profitable, and some one stand to lose money in creating that market. The retailer at the present time seems to want at least 150 to 200 per cent profit and the result is that while the price to the grower is painfully low, the cost to the consumer is painfully high, and this high cost means naturally that consumption is curtailed.

Mr. Scott's statement that where one pound could be sold thirty years ago 500 pounds could be sold today, is not borne out by the facts. I do not think we can ever see the miles of graperies here as they are in Europe, because the cheap native grape seems good enough for the great majority of our people and until the public is educated to the taste of the indoor grape (which education, as I have previously intimated, would cost money) the Muscats and Colmars will simply be used only by the very wealthy.

The difference in the cost of production here and in Europe makes all the difference between profit and loss. Friend Scott says, in speaking of the tedious work of thinning the fruit, that "very cheap help could be taught that." The question is, where is the cheap help? Even an unskilled laborer who cannot speak English asks and receives in this section $1.50 per day. Most of the thinning in England is done by girls and women, who do not make more than that in a week. I fear our American women would not take up the job at any price. With the present price of glass and other building requisites, not to mention the mechanic's wage, we cannot begin to put up houses as cheaply as they do on "the other side." The price we have to pay in wages to our skilled growers to look after the crop is more than double and on every hand we are confronted by higher cost of production.

To offset this we have a duty of only about 5 cents a pound, I believe. Mr. Scott says "so much the better if they came in free." Since they are eaten only by the rich, why would not a duty of 100 per cent ad valorem be a good thing? Then when the American grower got his houses going and began to show signs of being a bloated plutocrat it would be a good time to cut down the duty and chasten his spirit.

It is easy to talk about our improved methods and machinery putting us on a par with other countries, but is it always true? Why is it, for instance, that while we have land here to give away the European farmer ships thousands of bushels of potatoes to the eastern ports, pays a duty of 25 cents a bushel and competes with the market grower on Long Island? The European farmer pays three or four times as much rent for his land and yet, even with that handicap, he must produce his product more cheaply or he could not compete.

Friend Scott refers to Mr. Herrington and Mr. Duckham in his remarks. Mr. Duckham does not grow for market but as I had the good fortune to be foreman for Mr. Herrington for some years I know fairly well how the crops fared with him. In those graperies 100 feet long and thirty feet wide we produced something like a ton of grapes in each house. The houses were four years coming into full bearing, which must be taken into account. Now, figuring 2,000 pounds of grapes at a selling price of 50 cents per pound will give $1,000 for a house. With the present fierce competition, for the European grapes are now in the market the whole year, the price is liable to run even lower. Mr. Herrington has private ways of disposing of much of his fruit but to the man who proposes to grow strictly for a wholesale trade and who may expect to see his selling price get less every year, I would say, "go slow, and investigate fully before you jump."

I am no pessimist but, having been watching the market closely for some years, I have come to the conclusion that it will not pay me to engage in the grape growing business.

CHARLES H. TOTTY.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green Galax, selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.
Mention The Review when you write.

THE instruction in the last REVIEW alone pays me for many years' subscription.—S. DUMSER, Elgin, Ill.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

VISITED ST. LOUIS.—William A. Peterson, Chicago.

E. S. WELCH, Shenandoah, Ia., is enlarging his packing house to 18,000 square feet.

THE fruit tree growers are not looking for any shortage of peach, apple or pear next season.

J. G. HOILMAN, Danville, Ill., one of the oldest nursery agents in the business, died July 4. He was 70 years of age.

THE white ash, because of its thrifty and symmetrical growth, has become a very popular tree for street planting.

THERE was a large use of Ampelopsis Veitchii the past season and late requirements could not be met in many places.

MUTUAL fire insurance is very satisfactory in many lines and there is no reason why it should not be so for the nursery trade.

TAMPICO, ILL.—Wirth Bros. are preparing to erect a frame building adjoining the greenhouses at their nursery, to be used for a broom factory and in charge of Joseph Wirth.

THE catalpa is better than no tree at all, and gives satisfaction for a time, but the planter is in the end best satisfied if he is persuaded to use the American elm or Norway maple.

THE fruit committee of the New Jersey Horticultural Society says that the wind is the most active agent in spreading San Jose scale and the only thing to do is to have a thorough cleaning up.

CATALOGUES RECEIVED.

A. Dessert, Chenonceaux, France, peonies; Kelway & Son, Langport, England, garden manual; Peterson Nursery, Chicago, peonies.

DENVER.

The fifth annual picnic of the Park Floral Company's employes was celebrated on the Fourth of July. Picnics are an every-day occurrence, but this one of the Park Floral Company, held through the generosity of its president, Mr. Valentine, is somewhat original in its character and deserves more than a passing note. Perhaps in all this broad land of ours there is not another event of like character, where the employer furnishes everything in connection with it to make it a success, and better still lends the presence of himself and family to assist in the entertainment and join in the sports. Recreation of this kind is what the florist wants and enjoys. From the hot greenhouses to these mountain breezes is a change much appreciated by the employe, and particularly by those who have recently arrived here and are daily viewing the snow-capped hills from their places of labor. The reunion of old friends who annually attend, the social features of the event, the literary entertainment joined in by visiting friends, the numerous puns of Mr. Valentine, as well as those of his father, who is a past master in the quibbling of words, will long be remembered by those present. Songs and recitations were slightly indulged in; eloquence of speech was totally insufficient for the day and occasion, but Mr. Valentine responded to a call in his easy way, paying just tribute to the memory of his departed friend and copartner, A. B. Seaman. The old employes of the firm, some of whom have been with it since its inception, and helped to steer the craft when the captain was below, were highly commended for their good work in the hours of need and the younger members were advised to go on and do likewise. Fishing, hunting and various athletic sports were carried on at intervals, and one of the attractions as well as instructive features of the day was the gathering of wild flowers for which this region is justly noted. One little girl picked thirty-four varieties and won the first prize of a silk umbrella. Prizes were offered in every contest, which were really entertaining to those participating. Sixty adults and about twenty children comprised the party that filled a special car which was side-tracked in the beautiful South Platte canon along the banks of the Platte river. Seven hours were spent in this delightful resort and all returned to the city satisfied that the fifth annual picnic of the Park Floral Co. was the best of them all in every respect.

A variety of sentiment and refreshments were indulged in by several other of the various floral establishments of the city, who allowed themselves to be piloted by Benson to a beautiful grove at Petersburg. No set program was arranged, so indolence reigned. There was another king present, but he was soon dethroned and everybody was happy. Boldt and Kurth pronounced the refreshments of the first order, and Reynolds, who is a bit of an epicure himself, substantiates the above. Scott, who was merely taken along by the boys to oversee the affairs and check all physical excesses, carried out his instructions personally, by deed and action. Scott says it was the best and most orderly picnic of its kind he ever had the pleasure of superintending.

GREAT DIVIDE.

KEWANEE, ILL.

Hamilton & Plummer expect to move their Third street greenhouses from the present location to their Terminal park establishment, only a sales office and show room being left on Third street. The down town houses have been unsatisfactory for some time as a producing place, and the idea is to centralize all the growing at the Terminal park establishment. When all the greenhouses are consolidated there will be in the neighborhood of 25,000 square feet of glass, which will compare favorably with any establishment of this kind in this neighborhood. Special attention will be given during the coming year to the production of carnations and a number of new varieties will be grown.

PATRICK O'MARA sends us a number of excellent snapshot photographs made at the recent picnic of the New York Florists' Club.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft., $25.00 per 1000.
Strong, 2 to 2½ ft. ..... 20.00 "

1000 Coreopsis, strong clumps..... 4.00 per 100.
Achillea The Pearl, strong clumps. 6.00 "
Gaillardia Grandiflora, clumps..... 5.00 "
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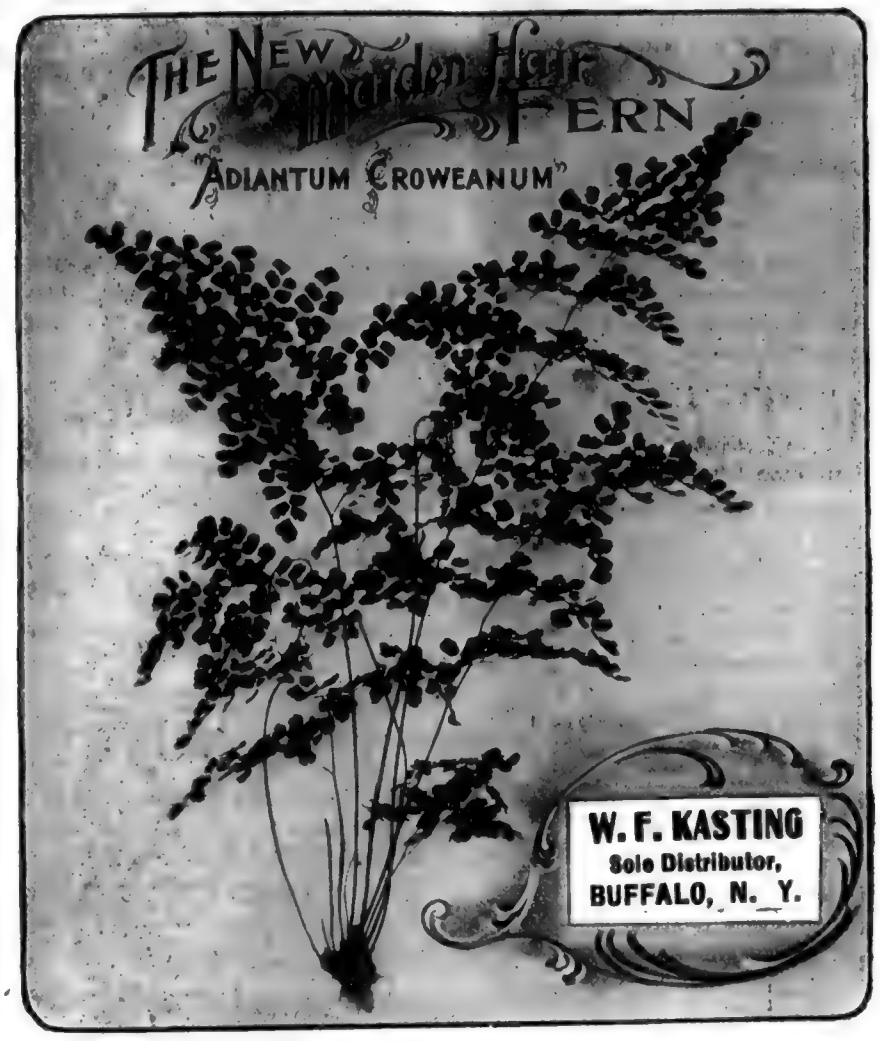
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The progressive, keen and discerning florist will this year buy of this standard introduction that is freely

Conceded to be the best of all Adiantums.

A GREAT ACQUISITION.

The best of all ferns for cut fronds. Brings the highest prices. The easiest to grow and the easiest to sell. Has received the highest encomiums from the leading cut flower dealers in the country.

ADIANTUM CROWEANUM originated at Utica, N.Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets, and has created a great demand for it. **Buy now.** Buy liberally and reap the benefits.

The fronds are **long**, elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

INTRODUCER'S DESCRIPTION. Free grower, the darkest green of the Adiantum family and longest stemmed. It has also the most graceful foliage; the average length of the fronds measuring 30 inches. It is by far the best keeper. Cut fronds can be kept fresh several weeks in a cool place. It is also one of the best ferns for a dwelling house. I have given presents of this fern to several Utica friends, and from my own observation note it grows better than the Boston fern. I gave up rose cultivation some ten months ago in order to devote all my attention to fern cultivation for cut fronds. I find from the same amount of bench room this fern pays me $1 50 to every $1.00 obtained from roses. PETER CROWE.

KEEPING AND SHIPPING QUALITIES.

With reference to a quantity of fronds sent to Liverpool, Eng., the recipient writes from that port, June 17, 1904, as follows: "The ferns were as fresh as when they were first cut and I believe you can safely send them to Europe, provided they are as carefully packed as these were. They are simply perfect." [Signed] THOMAS R. PROCTOR.

MANY OTHER STRONG ENDORSEMENTS GIVEN IN OUR CIRCULAR OF TESTIMONIALS. FREE ON REQUEST.

Stock now ready to ship, out of 3-inch pots, strong plants, at the following prices:—**$5.00** per doz.; **$35.00** per 100; **$250.00** per 1000; 25 at 100 rate; 250 at 1000 rate.

Also Stock Plants from bench, in size requiring 8 to 10-inch pots, **$9.00** per doz.; **$67.50** per 100; **$600.00** per 1000.

A booklet on growing this Fern, by the originator, Mr. Crowe, free with every shipment.

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My stock of 2 and 3-inch roses are large, clean, fine plants. Prices at which I offer these plants will move them quick. So don't delay your order.

2-inch Pots.

	100	1000
Liberty	$5.00	$45.00
Bridesmaids	2.50	20.00
Brides	2.50	20.00
Perle	2.50	20.00
Golden Gate	2.50	20.00
Ivory	2.50	20.00

3-inch Pots.

	100	1000
Perle	$4.00	$35.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

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Asparagus Plumosus Nanus 2½-in., per 100, $3.00 per 1000, $25.00; 4-inch..... " 8.00

Honeysuckles, Golden Leaved, Chinese Evergreen and Halliana, 2½-inch.....per 100, $2 00

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Hydrangea Monstrosa, 2½-inch, per 100, $3.00; per 1000, $25.00.

Geraniums, Jean Viaud, La Favorite, per 100, $2.50; per 1000, $20 00; our selection of varieties in assorted kinds, per 100, $2.00; per 1000, $18.00.

Cannas, Austria, strong plants from 2½-inch pots, per 100, $3.00; per 1000, $25.00.

Fuchsias, 2½-inch, double white and double purple and assorted single varieties, per 100, $2.00.

Abutilons, Souv. de Bonn, Eclipse, Golden Bell and Infanta Eulalia, 2½-inch, per 100, $2.00.

Rudbeckia (Golden Glow), 2½-inch, per 100, $2 00.

Chrysanthemums, 2½-inch, assorted varieties, per 100, $2.00; per 1000, $18.00.

Roses, Marechal Niel, The Bride, Ball of Snow, 2½-inch, per 100, $2 50; per 1000, $20.00. Empress of China, Pink Rambler, White Rambler, Yellow Rambler, Psyche and Snowflake, 2½-inch, per 100, $2.00; per 1000, $18.00.

PACIFIC COAST.

PORTLAND, ORE.

We are pleased to be able to report a good June business, with nothing extraordinary having transpired. There was a steady demand for choice material for the educational and hymeneal events which characterized the month. Commencements are becoming a more and more important factor in the florists' trade and there were more flowers used this year than ever before.

The brides' favorites this season were white roses arranged in shower effects, and the result was that some very artistic work was executed, but the supply of roses fell short of the demand and we were obliged to resort to the carnation, using Flora Hill or Goethe. The latter, when made up with Asparagus Sprengeri, became quite popular and is much sought after when pink is preferred.

Funeral work, too, was much in evidence, and we noticed several handsome designs quite original in construction. During the month we were fortunate in having plenty of fine carnations and longiflorum lilies. Carnations will continue good all through July, but the lilies could not stand the racket of the glorious Fourth and took their departure. We are suffering from lack of rain and outdoor stock, which looked so promising a few weeks ago, is now almost a failure. The display of roses has been magnificent and was the admiration and wonder of eastern tourists. The extreme heat and drought, which we are not accustomed to here so early, is ruining the prospects of a midsummer crop.

We have had with us this week an interesting visitor from Fruitvale, Cal., in the person of Ralph Clarke. Six years ago Clarke Bros., of this city, built a range of glass at Fruitvale to grow cut flowers for their Portland store and Ralph was assigned to the management. This is his first visit home.

H. J. M.

PAPER WHITE NARCISSI.

The Paper White narcissus is one of the best paying cut flowers we have in California. Our climate and soil seem to be well adapted to its flowering and multiplying and, if any attention whatever is paid to it regarding watering, there is no trouble in having a succession of blooms from November until the end of March. It is of the easiest culture, only requiring that it be transplanted every third or fourth year and the weeds hoed out three or four times a season. They can be grown very close together with perfect safety. I have seen in this vicinity 100,000 bulbs planted on an acre of ground and they gave no evidences of being crowded. If the bulbs are not artificially watered they will not bloom generally before February, but it is my custom to give them a good soaking about the last week in August and another about two weeks later. This starts them making roots and when our season's rains begin, about the middle of November generally, they are already partially in bud and a good succession of flowers can be had for several months. When the patch of bulbs depends only on the winter rains to start them growing I have found that they get nicely started just about the time we begin to have our frosty weather, do not make much progress for several months and by that time all the little scattered fields of narcissus are in bloom under the same conditions and the grower realizes very little for his flowers.

When it is necessary to dig bulbs in this latitude I have found the end of July to be about the proper time to handle them, as by that time they have become sufficiently matured to suffer no shock from transplanting. When it is desired to bring bulbs into flower late in the season I do not replant before the first of January, as there is no difficulty in keeping them until that time. Narcissi do not seem to be very particular as to the soil they are grown in, provided they are in a situation where they get thoroughly dried out and have a good rest in the summer. They do very well under the shade of such trees as do not make many fibrous roots near the surface and in such a location very long stems are invariably produced.

We do not grow narcissi to any extent under glass, as with us it is such a cheap flower that it does not pay for the trouble. Regarding the prices realized on the coast, we sell the flowers, when they first come in, at an average of $1.25 per hundred. When they become more plentiful they drop in price to $1 per hundred and in the early spring, after we have had a few days warm weather, and they are offered by the thousands, they can be bought as low as from 50 to 75 cents per hundred stems. The price for bulbs here is from $5 to $7 per thousand and, as they multiply with great rapidity and need almost no attention, they are, when propery handled, one of the best paying propositions the growers have.

G.

SAN FRANCISCO.

Good flowers are still scarce and will be for several weeks to come. By this I mean carnations, roses and lilies. Outdoor stock is plentiful enough, but it is only used for show by many of the florists and is not in much demand unless indoor flowers are not to be had. The weather has been cool for several weeks and what few roses have been offered have been of fair color but weak stemmed. Carnations are holding their own and if we had any spurt in business they would be in short supply. Thrips have made their appearance in a great many places. Lawson and Hill seem to have suffered most. Valley is in fair supply and also L. longiflorum. Japanese irises are disappearing fast and the showiest flower we have at present is the gladiolus. They are being brought into the stores in large quantities and, although there is not much call for them, they make a very bright effect when massed in the shop windows.

Various Notes.

D. H. Lenox, the Los Angeles florist, is in town for a few days. He has just returned from a trip to Portland, Oregon.

F. Ludemann, of the Pacific Nursery, reports business very good for this season of the year.

N. Rolleri and J. Campiano have opened a branch store near the entrance to the Mountain View cemetery, Oakland.

W. W. Saunders, the bulb grower, is about to commence removing his stock from Golden Gate to Fresno. He is permanently located there and in future will handle his shipping orders from that place.

Mrs. J. Carbone, of West Berkeley, has finished the reconstruction of her residence recently partially destroyed by fire.

Miss Parsons, the Fresno florist, has departed for home. She made an inspection of the largest nurseries in this neighborhood while she was here, as well as the florists' stores.

G.

100,000 CALLA BULBS.

READY TO SHIP

1 inch diameter, $25.00 per 1000 | 2 inch diameter, $45.00 per 1000
1½ " 35.00 " | 2½ " 65.00 "
3-inch monsters, 95.00 "

250 at 1000 rate prepaid to your city.

ASPARAGUS PLUMOSUS NANUS — Strong, 2-inch, $20.00 per 1000. 250 at 1000 rate. Express prepaid. **New Crop GIANT MIXED PANSY SEED**—¼ oz., $1.00; oz., $4.00. **New Crop IMPORTED SHASTA DAISY SEED** — Trade packet, 25c; $5.00 per oz.; $50.00 per lb. Terms cash with order only.

California Carnation Co., Loomis, Cal.

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Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

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Position Wanted in California only

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First-class propagator; several years' experience on the Coast before. Prefer to take charge of a smaller place where owner intends to retire from business, with chance of buying or renting place. Address—

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THE MOST GRACEFUL AND SYMMETRICAL NEPHROLEPIS KNOWN. IT MAKES THREE TIMES AS MANY FRONDS AS THE BOSTON FERN IN A GIVEN TIME.

PRICES—Very heavy 4-inch pot plants, ready for 6-inch pots, $12.00 per doz.; $75.00 per 100: 25 at 100 rate. Strong transplanted runners from the bench or 2¼-inch pots, $4.00 per doz.; $25.00 per 100; $200.00 per 1000. Strong 6-inch pot plants, $2.00 each; 8-inch pans, $3.50 each; 10-inch pans $5.00 each. I have decided to give buyers the option of taking either transplanted runners from the bench or 2¼-inch potted stock.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

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CHOICE

PANSY SEED

Special mixture from named varieties, or colors separate if desired.

Extra Fine Strains

Trade Packet 25c; ¼ oz. 75c; oz. $2.50.

MURRAY'S SEED STORE

Peoria, - - - Illinois

Pansy Seed.

Brown's Extra Select Superb Giant Prize Pansy Seed, my own growing.

NEW 1904 CROP.

Price mixed, 3000 seeds, $1.00.

¼ oz., $1.50; ⅛ oz., $2.50; 1 oz., $5.00.
¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00.

Cash with order.

Plants ready September 1.

PETER BROWN, Pansy Grower,

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PANSY SEED.

Perret's finest strain of pansies is the best one to grow. Flowers of extraordinary size with a variety of colors. This year's seed at following prices: 1 oz., $4.00; ⅛-oz., $2.50; pkt., $1.00; ½-pkt., 50 cents. Send for our bulb catalogue before ordering elsewhere.

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ZIRNGIEBEL GIANT PANSIES.

Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at **$1.00** each.

DENYS ZIRNGIEBEL, Needham, Mass.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

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ROSES STRICTLY No. 1 STOCK

Maids, Brides, Gates, 2½-inch, $2.50 per 100; $20.00 per 1000. **Perles,** 2½-inch, $3.00 per 100; $25.00 per 1000. **Maids, Brides, Gates, Perles,** 3½-inch, $45.00 per 1000. Cut back, bench **Beauties.** A few thousand fine plants remaining, $35 00 per 1000. Elegant stock for benching. **Beauties,** 2½-inch, $40.00 per 1000; 3½-inch, $55.00 per 1000.

Prices are extremely low, considering quality of stock. We have to dispose of them to finish planting. Orders booked for delivery any time during July.

CHRYSANTHEMUMS. Best and most popular varieties.

White.	R. C. Per 100	2½-in. Per 100
Estelle	$1.50	$2.50
Geo. S. Kalb	1.50	2.50
Merry Christmas	1.50	2.50
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Chadwick	2.50	4.00
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Ivory	1.50	2.50
Jerome Jones	1.50	2.50
Yellow.		
E. D. Smith	1.50	2.50
Whilldin	1.50	2.50

Yellow.	R. C. Per 100	2½-in. Per 100
Parr	$1.50	$2.50
Sunshine	1.50	2.50
Halliday	1.50	2.50
Chautauqua Gold.	2.00	3.00
Goldmine	2.00	3.00
Monrovia	2.00	3.00
Nagoya	2.00	3.00
Eclipse	2.00	3.00
Mounier	1.50	2.50
C. J. Salter	6.00	8.00
T. W. Pockett	6.00	8.00

Pink.	R. C. Per 100	2½-in. Per 100
Pacific	$1.50	$2.50
Perrin	1.50	2.50
Murdock	1.50	2.50
Maud Dean	1.50	2.50
Richardson	1.50	2.50
Percy Plumridge	6.00	8.00
Red.		
Intensity	2.00	3.00
Shrimpton	2.00	3.00
Lord Hopetoun	10.00	12.00

Pink Duckham R. C. ..... $25.00 per 100

HEADQUARTERS FOR FINEST CUT ROSES.

Shipments made direct from greenhouses. All stock guaranteed to give satisfaction.

Poehlmann Bros. Company,

MORTON GROVE, COOK CO., ILL.

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XXX PRIMROSES IMPROVED CHINESE.

Ready for 3-inch pots. Well known as the finest large-flowering fringed varieties grown. Single and Double, named or mixed, $2.00 per 100; extras added liberally. If not specified in order for named colors, all varieties mixed will be sent.

PANSY FINEST GIANTS.

The best large-flowering varieties, critically selected. Mixed, 5000 seeds, $1.00; half-pkt., 50 cts.; per oz., $4.00; highly praised by our many florist customers.

☞ **500 Seeds of GIANT "Mme. PERRET"** added to every $1.00 pkt. of Giant Pansy Seed.

DAISY. Finest Double Giant, pure white and rose mixed, 1000 seeds, 25 cts.

Primrose Seed. **IMPROVED CHINESE,** finest grown large-flowering fringed, single and double, fifteen varieties mixed, 500 seeds, $1.00; half-pkt., 50 cts. Have also the varieties separate.

CINERARIA. Finest large-flowering dwarf, mixed, 1000 seeds, 50 cts.

Cash. All packets contain liberal extra count of seeds.

JOHN F. RUPP, THE HOME OF PRIMROSES, **Shiremanstown, Pa.**

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Primroses

	Per 100
Chinese, 2-inch pots	$2.00
Obconica Alba Rosea	2.00
Forbesi, all ready in July	2.00

Asparagus

	Per 100
Plumosus Nanus seedlings	$1.75
" " 2-inch pot, July	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed	$4.50 per 1000.

PANSY SEED ..... **ne plus ultra, oz., $4.00**

Jos. H. Cunningham, Delaware, Ohio

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DES MOINES, IA.

This has been a very good season for outdoor stuff, in fact so good that many receptions and parties have been held without much aid from the florist. Outdoor carnations are doing well and look exceedingly promising. J. F. Marshall is growing his carnations in a novel way, or at least it is novel in this section of the country. He put 10,000 plants into strawberry boxes outdoors and when planting time comes he simply takes off the boxes and sets the plants so, thus saving the working roots. The boxes are better than pots, since they are larger and being square they pack closer, taking up less room and hence are easier to care for.

The parks are looking better this season than usual as the foliage is so dense and luxuriant. Dorothy Perkins roses at Union park have been exceedingly fine and the fact that it is entirely hardy has proven it to be the rose for this climate.

Park Commissioner E. J. Fairall has gone west in search of health. He had expected to accompany "ye scribe" to the convention but his physician ordered him to southern California.

John D. Lambert and W. L. Morris have just returned from a few days with hook and line. We hear that Lambert caught 106 pounds of fish, and we saw one pickerel which he brought to his father that was thirty inches long. He declares that he caught it with a frog and not with an eagle.

Des Moines will not be strongly represented at the convention this year. Our State Fair will be held the latter part of August and those attending the convention will have but a little while to prepare for it after returning.

J. T. D. F.

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

BEGONIA

Gloire de Lorraine

July delivery. 2-in. pots, $12 per 100.

Just from the woods direct:

CATTLEYA GASKELLIANA.

Inquire for prices at once.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

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Begonia Gloire de Lorraine.

Nice 2-inch stock, $12.00 per 100.
3-inch stock, fine specimen, 35.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

4000 Fine, Strong Tomato Plants

10-12 inches, D. Champion and Beauty, $6.50 per 1000. Jersey Wakefield cabbage, $2.25 per 1000.
PEPPER—Ruby King, 40c per 100; $2.50 per 1000. Chinese Giant, $1.00 per 100.
PANSY PLANTS—$8.00 per 1000.
ALLEGHENY HOLLYHOCKS—Large plants, $2.00 per 100.

F. GRISWOLD, :: Worthington, O.

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Rose Plants

	Per 1000
1500 Liberties	$80.00
1000 Brides	70.00
500 Maids	50.00

Extra large and well grown stock.

CHRYSANTHEMUM PLANTS

600 White Bonnaffon
250 Yellow Bonnaffon
300 Col. Appleton
200 Robert Halliday
300 Pink Balsley

Extra large and well grown plants, $2.00 per 100.

LEO. NIESSEN, 1217 Arch St., Phila.

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LAWSON.....

Field plants, extra strong, $50.00 per 1000.

WEILAND & RISCH

59 Wabash Ave., CHICAGO.

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ROSES. 3½-inch pots. First-class Plants.

1000 Sunset, 800 Brides, 300 Meteor,
1000 Chatenay, 700 Golden Gate, 300 Haste,
1000 Maids, 300 Sunrise, 150 Liberty.

$6.00 per 100.

P. R. QUINLAN & CO, SYRACUSE, N. Y.

Mention The Review when you write.

3-inch ROSES Splendid Strong Stock Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Beauties	5.00	45.00
Perles, very fine	5.00	50.00
2½-INCH.		
Brides, Ivory	2.50	20.00
Beauties	3.00	25.00

Very low prices for very choice plants. Order at once. Stock will not last long at such prices.

W. H. GULLETT & SONS, Lincoln, Ill.

KAISERIN
IVORY
BRIDE
BRIDESMAID

Plants from 2½-inch pots, $3.00 per 100 Cash or C.O.D.

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TWO-YEAR-OLD

American Beauty and Liberty Plants

Have a few hundred of each left.

Write GEO. A. KUHL, Pekin, Ill.

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10,000 Brides and Maids

A1 stock, ready for planting. 4-in., $100 per 1000.

GRAFTED STOCK. 4-in., Brides and Maids, $20 per 100.

Pittsburgh Rose and Carnation Co.

Crystal Farm, GIBSONIA P. O., PA.

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ROSE PLANTS

Strong Stock from 2½-in. pots.

Low Prices to close out.

UNCLE JOHN

The finest pink rose yet introduced, beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$3.00	$25.00
Sunrise	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Perle	2.50	20.00
Golden Gate	2.50	20.00

3-INCH POTS.

	Per 100	1000
Beauty	$6.00	$50.00
Chatenay	5.00	40.00
Maid	3.50	30.00
Bride	3.50	30.00
Perle	3.50	30.00
Golden Gate	3.50	30.00

4-INCH POTS.

	Per 100	1000
La France	$5.00	$40.00

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From Benches.

American Beauty

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	Per 100	1000
Liberty	$5.00	$40.00
La France	5.00	40.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

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Assorted dozens, all different, **$3.00** per doz. Strong, 2 and 2½-inch pots. No less than one dozen sent for one order. The whole set, one each of all varieties, at same rate.

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2-inch pots, **$2.50** per 100; 3-inch, **$4** per 100.

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S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA,

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LOUISVILLE, KY.

Business the past week has been very quiet. We have had a very dry spell and it was hard on all plants, especially on field carnations, but on Friday came a fine rain and it made things look fresh again. The carnations in this section are not up to last year, growth rather small.

The Kentucky Society of Florists held its monthly meeting July 5, at River View park, and it was largely attended. The object of the meeting was to see if the members would agree to raise the prices on all kinds of plants, as all kinds of material have advanced, especially coal, and lots of other things which florists must have.

Jos. Coenen & Co.'s house of carnations, all the latest ones, is doing fine.

F. Walker & Co. have moved into their new store on Fourth avenue and are ready to do a big business.

Miss Alice Miller has moved from her old stand to Jefferson, between Second and Third streets.

Wm. Mann is suffering with a bad carbuncle.

J. E. Marrett and family will attend the Elks' festival at Cincinnati July 18.

Mr. and Mrs. Jno. Bohrman have left on their vacation and will be gone some three weeks. They will visit Evansville and the St. Louis World's Fair.

Nanz & Neuner, out at St. Mathews, are making a very fine rustic entrance to their place. HY. LICHTEFELD.

PIPING.

Will you please state the amount of return pipe a 2-inch flow will feed? We have a 3-inch main and wish to heat six runs of 2-inch pipes 124 feet long, three runs under each bench. Our idea was to take two 2-inch flows from the 3-inch main and carry them to the far end of the house, there feeding the 2-inch returns. The boiler is four feet below the returns and we can raise one inch in each ten feet. C. & F. D.

There is little doubt but that the scheme proposed would work quite satisfactorily. My idea would be to carry the 3-inch flow pipe under the ridge to the far end of the house, there divide it into 2-inch branches and feed three returns under each bench from each of the branches. A 2-inch pipe is capable of supplying about 400 feet of radiation and as the six 2-inch pipes 124 feet long only have 481 feet of radiation, one 2-inch supply is nearly large enough to supply all six of them. With the fall which can be given it is quite safe to say that hot water can be made to act quite satisfactorily in this length of pipe, although in general it is not best to endeavor to circulate hot water in runs of pipe exceeding 100 feet in length without a circulating pump.

L. C. C.

I AM very well pleased with the REVIEW, and find it a great help.—H. C. COATES, St. Paul.

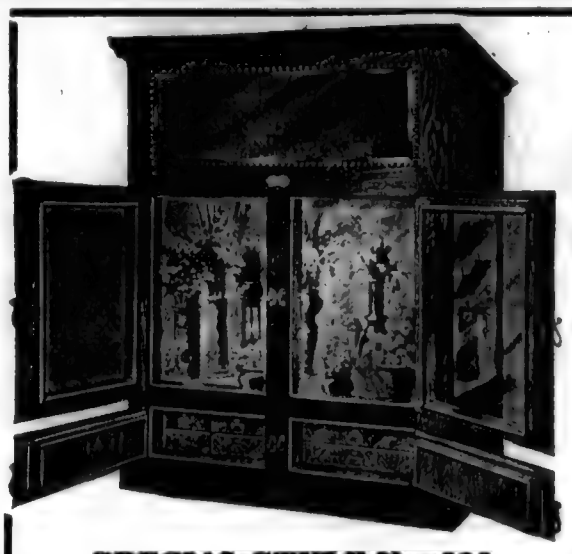
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Lantanas, 10 varieties.	per 1000, $17.50, 40c	2.00
Maranta Messangeana	75c	4.00
Nymphaea Odorata Gigantea	60c	3.50
Smilax	per 1000, $15.00,	3.00
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00

Vegetable Plants

On Cabbage, and Celery we are prepared to make special price on large lots. : : :

CABBAGE—Early and Late Flat Dutch, Succession, L. I. Second Early, Drumhead, Danish Ball Head, Rock Red, Drumhead Savoy, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

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KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

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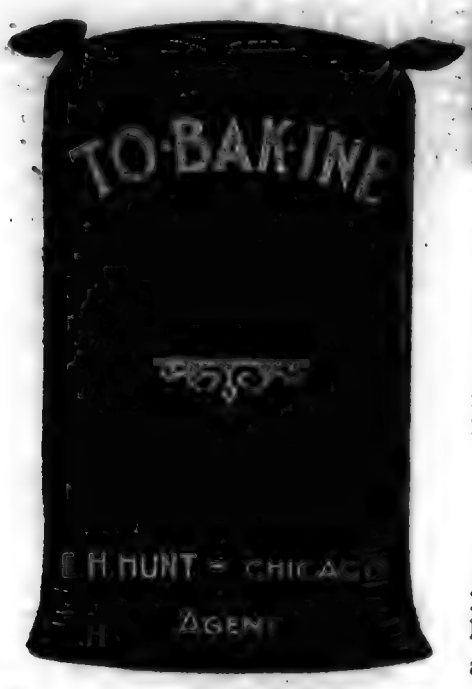
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CYCLAMEN GIGANTEUM.

Fine large plants, 3-inch, ready for 4-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS NANUS from flats, ready for 2½-inch pots, $2.00 per 100. 2-inch pots, ready to shift, $3.00 per 100; $25.00 per 1000.

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Kills all kinds of Aphides.

50 lbs., $1.50; 100 lbs., $3.00

Send postal for a free copy of "WORDS OF WISDOM" by leading growers; also for a free 5 lb. bag of TO-BAK-INE POWDER, sufficient for two thorough fumigations in a house 100x24 ft. This 5 lb. bag will be sent for the express charges only.

DIRECTIONS FOR A HOUSE 100 X 24 FEET.

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From 2¼-inch pots, $1.25 per 100; $10.00 per 1000.

ASPARAGUS SPRENGERI—Plants from seed bed; ready for potting, $1.00 per 100; $9.00 per 1000.

ASP. PLUMOSUS NANUS—Strong 2¼-inch, $2.50 per 100; $24.00 per 1000.

1000 CARNATIONS—Mrs. Lawson, from 3½-inch pots, $3.50 per 100. 400 Glacier, from 3-inch pots, $3.00 per 100.

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$8.00 per 1000; Cash or C.O.D.

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BOUVARDIAS—Red, white, pink. Good, strong plants out of 2½-inch pots, $4.00 per 100.

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WHEN you cannot fumigate with our Fumigating Powder you can apply our Black Stuff Fine direct to the plants; it is strong and equally effective in doors or out for extermination of all plant pests. Your money back if it is unsatisfactory. Trial 5-pound package for nothing if you will pay the express charges on it. Write Dept. D. THE H. A. STOOTHOFF CO., 116, 117, 118 West Street, New York.

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Galvanized Wire Rose Stakes and Tying Wires

Write us for price before ordering elsewhere. Also Model Extension Carnation Support.

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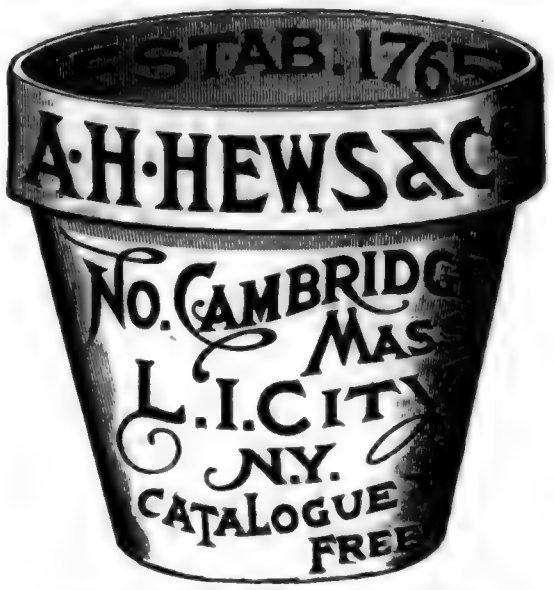
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Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

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ABUTILONS.

Abutilons Souv. de Bonn, Eclipse, Golden Bell, Infanta Eulalia, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Abutilon Savitzii, 2-in. pots, 50c doz., $3.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

ADIANTUMS.

Adiantum cuneatum, ready for 5-inch pots, $12.00 100. Cash.
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Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash.
A. J. Baldwin, Newark, Ohio.

Alternantheras, 2-inch, yellow and brown, $1.00 100; $10.00 1000. Red, $1.50 100; $15.00 1000. Cash. Ernest Harris, Delanson, N. Y.

Alternantheras, yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red, 2-in. strong, $2.00 100. Cash.
Chase & Son, New London, O.

ALYSSUM.

500 alyssum, trailing, 2¼-in. two in each pot, $2.00 per 100. Cash.
E. C. Boss, Honesdale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
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ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50 to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
C. Aschmann, 1012 Ontario St., Phila., Pa.

ASPARAGUS.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

We offer flats of asparagus in which 1000 seeds were originally sown; now contain from 800 to 900 fine seedlings ready for 2½-inch pots, at $10.00 per flat; 2½-inch asparagus, $3.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus plumosus nanus	$3.00 per 100
Asparagus plumosus robustus	5.00 per 100
Asparagus decumbens	3.00 per 100
Asparagus Sprengeri	2.00 per 100

2-inch pot stock ready now.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus nanus, well established, 2½-in., pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri plants from seed bed, ready for potting, $1.00 per 100, $9.00 per 1000. A. plumosus nanus, strong, 2¼-in., $2.50 per 100, $24.00 per 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, very heavy, 2-in., $3.00 per 100, $25.00 per 1000; 3-in., very heavy, $6.00 per 100, $50.00 per 1000. Sprengeri, 2-in., $3.00 per 100. C. Betscher, Canal Dover, Ohio.

Asparagus plumosus nanus, from flats ready for potting, $2.00 per 100; $17.50 per 1000. Cash. J. H. Fiesser, 415 Summit Av., West Hoboken, N. J.

Renew your beds with fine fresh Sprengeri, 3-in. at $3.00 per 100. Also 350 Plumosus nanus, $10.00 the lot. Cash.
Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 6-in. pot plants, 15c and one year old clumps, 10c each; fine for growing strings.
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Asparagus Sprengeri, 5000 plants, choice stock from 3 to 7-in. pots, to close out at a bargain.
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Drake Point Greenhouses, Yalaha, Fla.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
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Asparagus plumosus nanus, from flats ready for 2½-in. pots, $2.00 100; 2-in., ready to shift, $3.00 100, $25.00 1,000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus, 2½-in., $3.00 100; $25.00 1000; 4-in., $8.00 100.
Springfield Floral Co., Springfield, O.

Asparagus plumosus nanus, 2-in., $2.50 100; 3-in., $5.00 100.
Sherman Nursery Co., Charles City, Iowa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, fine 3-in., ready for 4-in., $5.00 per 100. Weber Bros., Florists, Ironton, O.

Asparagus Sprengeri and plumosus all sizes. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-in., strong, $2.00 per 100. Cash. Chase & Son, New London, O.

Asparagus Sprengeri, extra strong, 3-in., $5.00 per 100. J. W. Ross, Centralia, Ill.

Asparagus plumosus, 3-in., strong, $8.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus, 4-in., $10.00 100.
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Equal number of each at $1.00 per 100, $8.50 per 1000. 500 at 1000 rate. If by mail add 10c per 100 for postage. SAMPLES FREE.
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Price, $2.00 per flat.

SCOTTII, strong transplanted runners from bench or 2¼-in. pots, $4.00 doz., $25.00 100, $200.00 1000; 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.
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Fine plants, divide readily in several. Adiantum cuneatum, Aspidium tsussimense, Lastrea opaca, Pteris adiantum, P. Majii, P. serrulata, P. Ouvrardi, P. hastata, P. Wimsetti and others. Send for list. Per 100, $1.50. Fresh spores of all florists' ferns, separate or mixed, pkt., 25c.
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Boston ferns, 6-in., 40c each.
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	100	1000		100	1000
Uncle John	$20.00	$150	Maid	$2.50	$20.00
Chatenay	3.00	25	Perle	2.50	20.00
Sunrise	5.00	40	Gate	2.50	20.00
Bride	2.50	20			

Strong stock, 3-in. pots.

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Maid	3.50	30.00	Gate	3.50	30.00

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One year old plants from benches—Beauty, Liberty and La France, $5.00 100, $40.00 1000.
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Brides, 2-in.	2.50	100;	20.00	1000
Perles, 2-in.	2.50	100;	20.00	1000
Golden Gates, 2-in.	2.50	100;	20.00	1000
Ivory, 2-in.	2.50	100;	20.00	1000

Rose plants, 3-in. stock, Perle, Bride and Bridesmaid, $4.00 100; $35.00 1000.
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	100	1000		100	1000
Brides	$3.00	$25.00	Kaiserin	$4.00	$35.00
Maids	3.00	25.00	La France.	5.00	40.00
Ivory	3.00	25.00	Meteor	3.00	25.00
Gates	3.00	25.00	Liberty	6.00	50.00

Cash with order or references from unknown parties.
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Maids, Brides, Gates, 2½-in., $2.50 100; $20.00 1000. Perles, 2½-in., $3.00 100; $25.00 1000. Maids, Brides, Gates, Perles, 3½-in., $45.00 1000. Beauties, 2½-in., $40.00 1000; 3½-in., $55.00 1000. Cut back bench Beauties, elegant stock, $35.00 1000.
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1000 Golden Gates, 3-in.	$2.00	100
1000 Brides, 3-in.	2.00	100
1000 Maids, 3-in.	2.00	100
500 Perles, 3-in.	2.00	100
500 Meteors, 3-in.	2.00	100

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10,000 Brides and Maids, A1 stock, ready for planting. 4-in., $100 per 1000. Grafted stock, 4-in. Brides and Maids, $20.00 per 100.
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American Beauties, 3-in., $4.00 per 100. Golden Gates, 2½-in., $1.50 per 100. Brides and Maids, 2¼-in., $1.75 per 100.
Will take Boston ferns, Lorraine begonias or Primula obconica, in exchange.
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Roses, 3½-in. pots, first class plants, $6.00 per 100. 1000 Sunset, 1000 Chatenay, 1000 Maid, 800 Bride, 700 Golden Gate, 300 Sunrise, 300 Meteor, 300 Hoste, 150 Liberty.
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10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
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Geo. L. Parker, Dorchester, Mass.

1000 Extra Bridesmaid, from 3½-in. and 4-in. pots, $12.00 100; Bride and Bridesmaids, from 3-in. pots, at $4.00 100; $35.00 1000; 500 at 1000 rates. Cash. W. T. Hillborn, Newtown, Pa.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

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Surplus rose stock, Bridesmaid and Meteor, from 3-in. pots; to make room will close them out at $30.00 1000 net cash.
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275 Bridesmaids, 3-in. pots, 500 Bridesmaid, 600 Bride, 350 Golden Gate, 550 Ivory, 2¼-in. pots. Good stock. Write for prices quick.
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Cherokee rose, splendid for hedges or lawn clumps; perfectly hardy, $4.00 per 100; $35.00 per 1000. T. Robertson, Port Allen, La.

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Grafted Meteors in 2½-in. and 3-in. pots, repotted from 2-in. pots, extra fine stock. $12.00 100. A. N. Pierson, Cromwell, Conn.

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Kaiserin, Ivory, Bride and Bridesmaid plants from 2½-in., $3.00 100. Cash.
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Bridesmaids, fine plants, 1000 2½-inch $20; 1000 3-inch, $22.00. Cash.
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Rose plants. Extra fine 3-in., Brides and Maids, $5.00. Cash.
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Manetti stock for fall delivery.
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Ficus elastica, Belgium-grown, 4-in., 25c; home-grown, 5 to 5½in., 7, 8, 9, 10 leaves, 30c, 35c, 40c to 50c.
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Surplus salvias, 4-in., $5.00 per 100; 5-in., $7.00 per 100.
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500 Salvia splendens, 2¼-in., $2.00 per 100. Cash. E. C. Boss, Honesdale, Pa.

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New crop pansies from the most reliable English, German and French growers. Azure Blue, Emperor William, Havana Brown, Prince Bismarck, golden bronze; Snow Queen candidissima, satiny white; white with dark eye, pure yellow; splendid mixed German, 3000 seeds, 25c; oz., 75c. Belgian striped; bronze vars.; Fire Dragon, orange bronze; Lord Beaconsfield, deep purple violet; mahogany colored; Meteor, bright yellow, brown; Snow Queen yellow with dark eye; 3000 seeds, 25c; oz., 80c. Bugnot's giant blotched, Mme. Perret, Cassier's giant blotched, 3000, 50c; oz., $4.00. Peacock, ultra. blue, claret, white, 3000, 30c; oz., $1.00. Rainbow or Pheasant's eye, 3000, 25c; oz., 85c. Improved Giant Trimardeau, 3000, 25c; oz., $1.00; sep. colors, 30c, $1.25. Our Kingly collection of giant pansies, 1000, 30c; 2000, 50c; 5000, $1.00; oz., $5.00.
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Berger's Never Fail superb giant pansies in mixture of all colors; sorts, prize strains. Try them. 1000 seeds, 25c; 5000, $1.00. All sorts and colors separate, 1000 seeds, 25c; 5000, $1.00. Primula Chinese—white, rose, crimson, scarlet, blue, 100 seeds, 25c; 1000, $1.75; mixed, 100 seeds, 20c; 1000, $1.50. Primula obconica—white, rose or mixed, pkt., 25c. Calceolaria grandiflora max. or dwarf, pkt., 25c; 5 pkts., $1.00. Calceolaria rugosa, shrubby, pkt., 25c. Cineraria max. or dwarf, giant flowers, pkt., 25c. Cineraria stellata, grand sort, pkt., 25c. Cyclamen, giant flowers—white, rose, blood red, 100 seeds, 65c; 1000, $5.50. Dracaena indivisa, oz., 25c. Dracaena australis, oz., 40c. Smilax, oz., 25c.
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Seeds. Pansies—Finest giants, large flow., mixed, 5000 seeds, $1.00; half pkt., 50c; oz., $4.00. Daisies—Finest dbl. giant, pure white and rose mixed, 1000 seeds, 25c. Primulas—Improved Chinese, single and dbl., 15 vars. mixed, 500 seeds, $1.00; half pkt., 50c; also separate. Cineraria—Finest large-flowering dwf., mixed, 1000 seeds, 50c. Cash. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed.
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Seeds. Giant Trimardeau, extra trade pkt., 20c; oz., $2.00; Giant Mme. Perret, trade pkt., 25c; oz., $3.50; Cecile Davy, white, 20c. Marguerite, new, 25c, and 25 varieties for exhibition at $1.00 per trade pkt. Bellis. Giant—white, pink, red and mixed, 20c. Forget-me-not Victoria, blue, extra trade pkt., 25c.
Beaulieu, Woodhaven, N. Y.

Pansy seed. Brown's extra select superb giant prize pansy seed, my own growing, mixed, 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00; ¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00. Cash. Plants ready Sept. 1.
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Perret's finest strain of pansies; flowers of extraordinary size with a variety of colors. This year's seed, oz., $4.00; ½ oz., $2.50; pkt., $1.00; ½ pkt., 50c.
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Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.
HENRY METTE, Grower and Exporter of Choice Flower Seeds, Quedlinburg, Germany.

Vaccinium atrococcum, V. corymbosum, V. pennsylvanicum and V. vaccillans seed, $1.00 per lb. Betula lenta, B. lutea, and B. papyracea seed, $1.00 per lb.
L. E. Williams, Nottingham, N. H.

Zirngiebel's FANCY and MARKET strains of giant pansies are the finest in the market. New crop seed, in trade packets at $1.00 each for either strain, ready now.
Denys Zirngiebel, Needham, Mass.

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New crop Giant pansy seed, mixed, ¼ oz., $1.00; oz., $4.00. New crop Shasta Daisy seed, trade pkt., 25c; oz., $5.00; lb., $50.00. Cash.
California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. Guaranteed true to name and of highest germinating quality.
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Choice pansy seed, special mixture from named varieties or colors separate if desired. Trade pkt., 25c; ¼ oz., 75c; oz., $2.50.
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Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Giant pansy seed. New crop, choice mixed, finest strain. Trade pkt., 5000 seeds, $1.00.
W. H. Newman, Akron, Erie Co., N. Y.

Michell's giant pansy seeds, exhibition strain. Packet, 50c; ⅛ oz., 75c; oz., $5.00.
Henry F. Michell Co., 1018 Market St., Phila.

Asparagus plumosus nanus seed, greenhouse grown, 75c 100, $6.00 1000.
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Wholesale price list of seeds for florists and market gardeners.
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Rawson's Arlington tested seeds for florists. Catalogue free.
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Cyclamen seeds, our well-known strain, $7.00 per 1000.
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Asparagus plumosus seed, $4.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

Pansy seed, ne plus ultra, $4.00 oz.
Jos. H. Cunningham, Delaware, Ohio.

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Several hundred strings of smilax now ready, $10.00 per 100. 50 at 100 rate. Cash with order. All smilax plants are sold.
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Smilax, 2000 fine, clean plants, 2½-in., $2.00 per 100; $18.00 per 1000. 500 at 1000 rate. Cash. Sample 5c.
John Beimford, Wilton Junction, Iowa.

Smilax, strong, well-grown plants from 2-in. pots, $1.50 per 100; $12.50 per 1000.
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Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100, $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax, 2¼-in., strong and healthy, $1.75 per 100; $15.00 per 1000.
H. M. Totman, Randolph, Vt.

Smilax, 2½-in. pots, strong plants, $2.50 100; $20.00 1000. Cash.
Wilmington Floral Co., Wilmington, N. C.

Smilax, from 2¼-in. pots, $1.25 100, $10.00 1000. Cash. Buckley Plant Co., Springfield, Ill.

Smilax, 2¼-inch, strong, $2.00 100; $15.00 1000. SCHAEFERS (Inc), Newburg, N. Y.

Smilax, from 3-in. pots, fine, $3.50 100; $30.00 1000. W. T. Hillborn, Newtown, Pa.

1000 smilax plants, from 2-in. pots, $1.00 per 100. Daniel Branch, 3949 Indiana Ave., Chicago.

Smilax, fine plants out of 2½-in., $1.25 100; $10.00 1000. J. C. Schmidt Co., Bristol, Pa.

Smilax, extra strong 3-in., $2.50 per 100. Cash, please. C. F. Krzysske, Sandusky, Ohio.

Smilax, 2½-inch pots, $2.50 100; $20.00 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, strong 2-in., $1.25 per 100.
Van Aken Bros., Coldwater, Mich.

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Stevia variegata, 2½-in. pots, 50c doz., $3.00 100; S. compacta, 3-in., 60c doz., $4.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Stevia, fine stocky plants, 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

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200 Cannas, Vaughan, Italia, 4-in., $3.00 100. 200 Salvias, 3-in., $3.00 100. 500 Coleus, Verschaffeltii, Bedder, 2-in., $1.50 100.
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CABBAGE—Early and Late Flat Dutch, Succession, L. I. Second Early, Drumhead, Danish Ballhead, Rock Red, Drumhead Savoy, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Golden Self Blanching, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
KOHL RABI and BRUSSELS SPROUTS, 25c per 100, $1.50 per 1000.
We have a million each of cabbage and celery.
Cash with order.
See our flower plant adv. in this issue.
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Cauliflower, early Erfurt plants; by mail, 75c per 100. Red and White Cabbage plants; by mail, 60c per 100; by express, $3.00 per 1000. Ruby King peppers, in blossom, $1.00 per 100. Cash with order.
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3,000,000 celery plants, strong transplanted. White Plume, Giant Pascal, Winter Queen, Golden Self-Blanching and Hartwell Perfection, 30c per 100, $2.00 per 1000; field-grown, not transplanted, $1.00 per 1000. Cash with order.
Ludwig Mosbaek, Onarga, Ill.

Celery plants, White Plume and Giant Pascal seedlings, $1.00 per 1000, $8.50 per 10,000; transplanted White Plume, $2.50 per 1000.
Leek and parsley, Hamburg-rooted, $1.00 per 1000. Cash with order.
L. Mosbaek, So. Chicago, Ill.

Celery—White Plume, Golden Self-blanching, Giant Pascal and Golden Heart, large plants, $1.25 1000; $10.00 10,000.
Cabbage—Plants of all kinds, $1.00 1000; 5000 for $4.00.
J. C. Schmidt Co., Bristol, Pa.

Tomato plants—Champion and Beauty, strong plants, 10 to 13 in., $6.50 1000. Cabbage plants—Jersey Wakefield, $2.25 1000. Pepper plants—Ruby King, 40c 100, $2.50 1000; Chinese Giant, $1.00 100.
F. Griswold, Worthington, O.

10,000 Ponderosa and Dwarf Champion tomato plants, transplanted, from 8 to 12 inches, $2.00 per 1000. E. C. Boss, Honesdale, Pa.

Pacos Valley celery—Giant Pascal celery plants, cut back twice, $1.25 per 1000.
Alameda Greenhouse, Roswell, New Mex.

Cabbage plants—Hollander, Flat Dutch, Winningstadt, $1.00 per 1000.
R. H. Gwinner, Ashland, Ohio.

Cabbage—Late Flat Dutch, $1.00 per 1000.
D. W. Walter, Massillon, Ohio.

Tomato plants, $2.50 1000. Cash.
W. T. Hillborn, Newtown, Pa.

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Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lemon verbenas, 3-in. pots, 75c doz., $5.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

VINCAS.

Vinca variegata major, 2-in., $2.00; 3-in., $4.00 100. Cash.
Chase & Son, New London, O.

VIOLETS.

Marie Louise violets, February and March struck, strong, healthy plants, free from disease. A No. 1 plants. Can fill large orders as well as small ones. $15.00 1000. Cash with order. Your money cheerfully refunded if not satisfactory.
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Marie Louise violet plants, extra fine, clean, healthy stock, out of soil, $15.00 per 1000. If not satisfactory, money refunded. Cash with order.
John G. Bahret, Violet Ave., Poughkeepsie, N. Y.

Violets from 2-in. pots. Marie Louise, Lady Campbell, Princess of Wales, $20.00 1000. Imperial, $25.00 1000. Princess of Wales from 2½-in. pots, $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Violets Princess of Wales, California and Swanley White, 2½-in., $2.00 100; $18.00 1000.
Springfield Floral Co., Springfield, O.

Rooted cuttings of Princess of Wales violets, $8.00 per 1000. Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

Violets. 500 Lady Campbell, strong, healthy plants in pots, $3.00 per 100 or $12.50 for the lot. Cash with order, please.
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Violets. Marie Louise, February and March struck. Strong, healthy plants, free from disease, $15.00 1000.
SCHAEFERS (Inc.), Newburg, N. Y.

Marie Louise violets, 5000 sand struck cuttings, clean and free from disease, $15.00 1000. Cash. H. W. Stewart, Rhinebeck, N. Y.

Marie Louise violet plants in soil, first class, free from disease, $20.00 1000. Cash with order. Elmer J. Wager, Rhinebeck, N. Y.

25,000 violets, field and pot plants, 6 varieties. Write Benj. Connell, West Grove, Pa.

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About 3000 fine healthy plants $12.00 1000.
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To Exchange—200 Bridesmaid, 300 Bride, 100 Ivory, 200 G. Gate, 3-in. pots, good, healthy stock. Will exchange for surplus bedding stock or hardy plants like marguerites, S. patens, L. fulgens, C. maximus, etc.
Ind. S. and S. O. Home, Knightstown, Ind.

To Exchange—American Beauties, 3-in., $4.00 100; Golden Gates, 2½-in., $1.50 100; Brides and Maids, 2¼-in., $1.75 100, for Boston ferns, Lorraine begonias, and Primula obconicas.
Rhoten Bros. Co., Box 5, Danville, Ill.

To Exchange—Mme. Bergmann, Glory of Pacific and Geo. S. Kalb chrysanthemums for Boston ferns or anything we can use. What have you?
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To Exchange—1000 well-grown plants of Bonnaffon chrysanthemum for Jerome Jones.
Mrs. Minna C. Krueger, Narberth, Pa.

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Wanted—Boston ferns, good medium-sized stuff from bench or pots; also small and medium cuttings or plants of P. Veitchii. State number, size and price.
J. Welsh Young, Germantown, Pa.

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Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

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Wax flowers and wax floral designs.
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The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Peerless glazing points are the best.
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250,000 Japanese bamboo plant stakes, 5 ft. and over, ¼ to ⅝-in., per 500, $2.75; 1000, $5.00; 2000, $9.00; 6 ft., ¼ to ⅝-in., per 500, $3.25; 1000, $6.00; $2000, $11.00. Cash with order, please. C. H. Joosten, 201 West St., N. Y.

Cane stakes, 6 ft. long, strong and durable, $6.00 per 1000, $11.00 per 2000, $27.50 per 6000. Stumpp & Walter Co., 50 Barclay St., N. Y.

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Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

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Buy your moss now while we are curing it. 1 bale or 100 at 60c each.
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Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

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Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

WESTERLY, R. I.—Louis Reuter has returned from Bucksport, Me.

EXCELSIOR, MINN.—The first annual show of the Minnesota Rose Society was held at the casino at Lake Minnetonka July 9. There was a large display and a good attendance.

TORONTO.

The Market.

We are now settled to the routine of July business, which cannot be said to be anything above the ordinary. Stock has been coming in quite plentifully and quality gradually deteriorating. Roses and carnations are especially plentiful. Since the peonies are done there has been quite a call for lilies and other large flowers for designs. George Guard has brought in the first Lilium auratum seen in town this season.

Various Notes.

T. A. Plum, one of Yonge street's enterprising florists, has purchased Mr. Butterworth's greenhouses on Howland avenue. Mr. Plum is figuring on growing a good portion of the cut flowers he will want for his store in future. Mr. Butterworth, who is one of the oldest florists in Toronto, has retired from active business.

J. S. Simmons carried off first and second prizes with his delivery wagons at the open-air horse show on July 1. He has bought a new dapple gray horse which he considers a sure winner in any company.

The Toronto Horticultural Association had an enjoyable outing on July 6 in the form of an excursion to the Guelph model farm.

The florists of Toronto, as well as amateur horticulturists, are at present working hard completing plans for the big flower and fruit exhibition to be held in Toronto this fall. The prize list for the flower section has just been issued and is the most elaborate that Toronto florists have had the privilege of competing for, something over $1,500, besides medals and certificates, being in the list. Those who have not had a copy of the prize list should write the Toronto Gardeners' and Florists' Association, E. Collins, secretary.

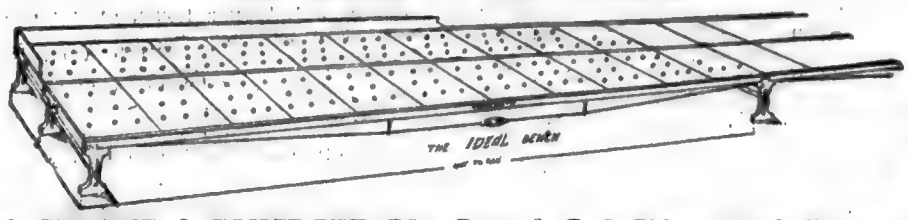
The Canadian Horticultural Association meets at Ottawa August 9 and 10 and those wishing to have a good time should take it in. D. J.

Bala, Pa.—A. E. Wohlert has removed here from Pittsburg.

THE BENCH OF THE FUTURE

Practical, everlasting, cannot rot out.

Patents pending.



8c per square foot complete.

Send for estimates.

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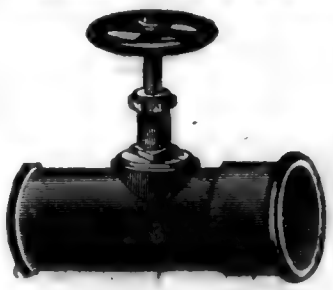
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Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.

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Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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10,000....$1.50; 50,000... $6.25. Sample free

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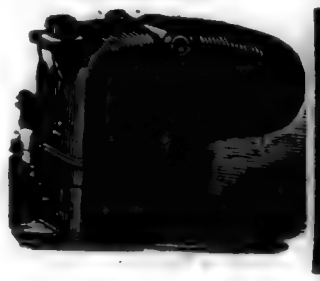
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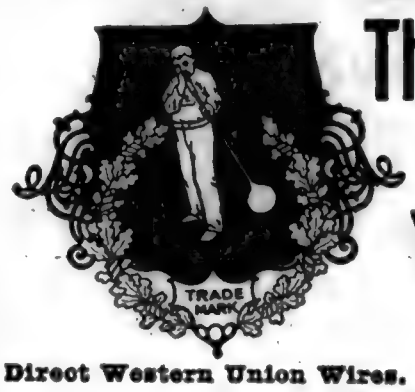


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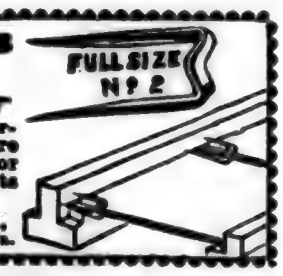
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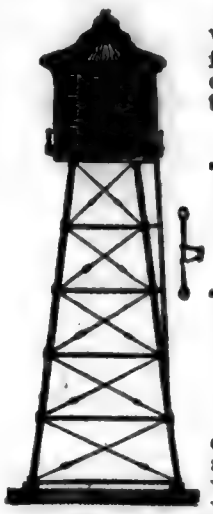
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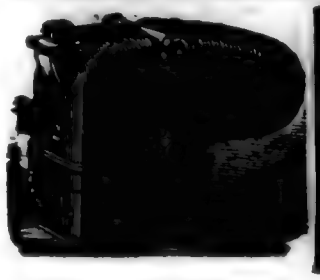
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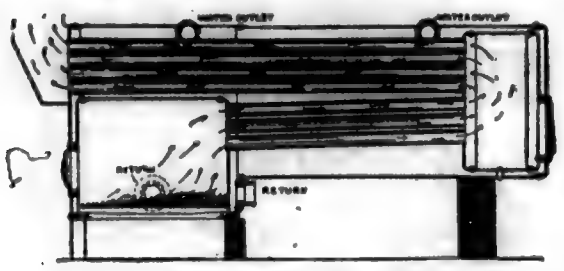
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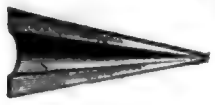
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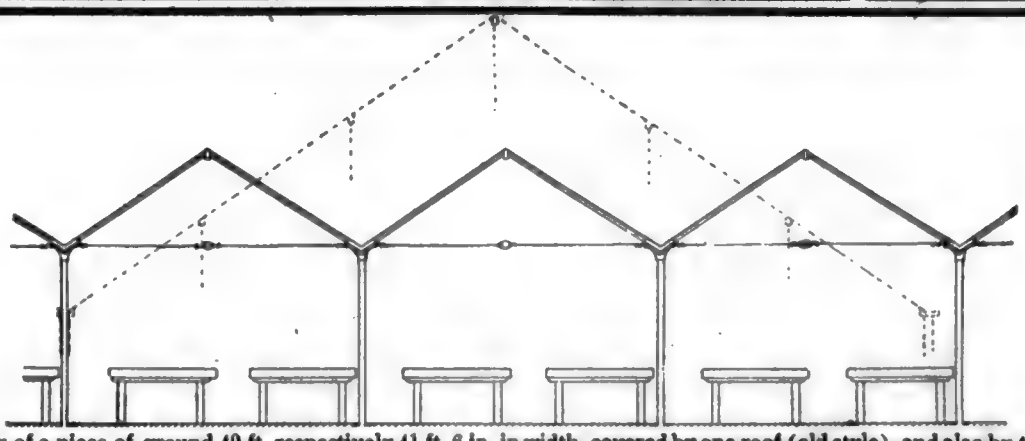
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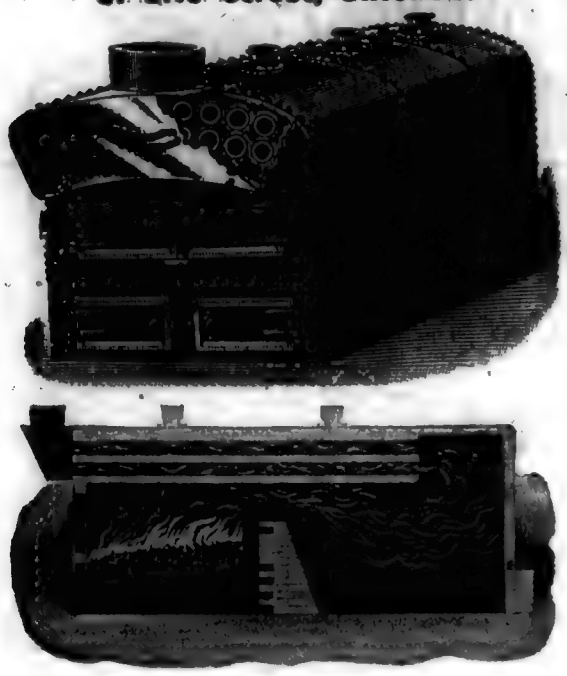
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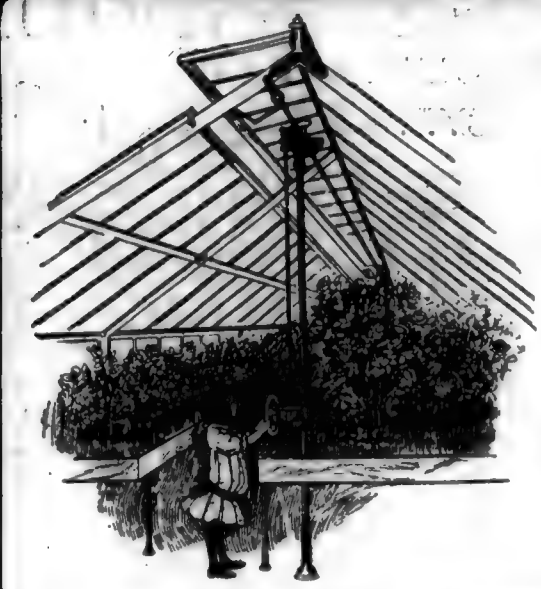


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THE WEEKLY

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A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XIV. CHICAGO AND NEW YORK, JULY 21, 1904. No. 347.

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RICHMOND, IND., Dec. 3, 1902.—The writer wishes to add her congratulations upon your having secured "Fiancee." It certainly is a wonder. Yours truly, [Signed] THE E. G. HILL CO., per S.

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Beautiful stock of Pierson Ferns, strong,	2½-in.,	$4.00 per 100.
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Necessity for Watering.

For instance, if you got your plants out the very earliest opportunity that was safe in the spring, then with such frequent showers as we have had up to now, the roots of the plants would be deep down, strong and vigorous and with frequent hoeing to keep the surface loose and allow free evaporation and ensuing rise of moisture from below, little need would there be of watering for many of our flower garden plants. Geraniums, particularly, need no artificial watering if once well established. If the soil in our gardens and fields was trenched two feet deep, as the European nurserymen often do, there would be little need of watering.

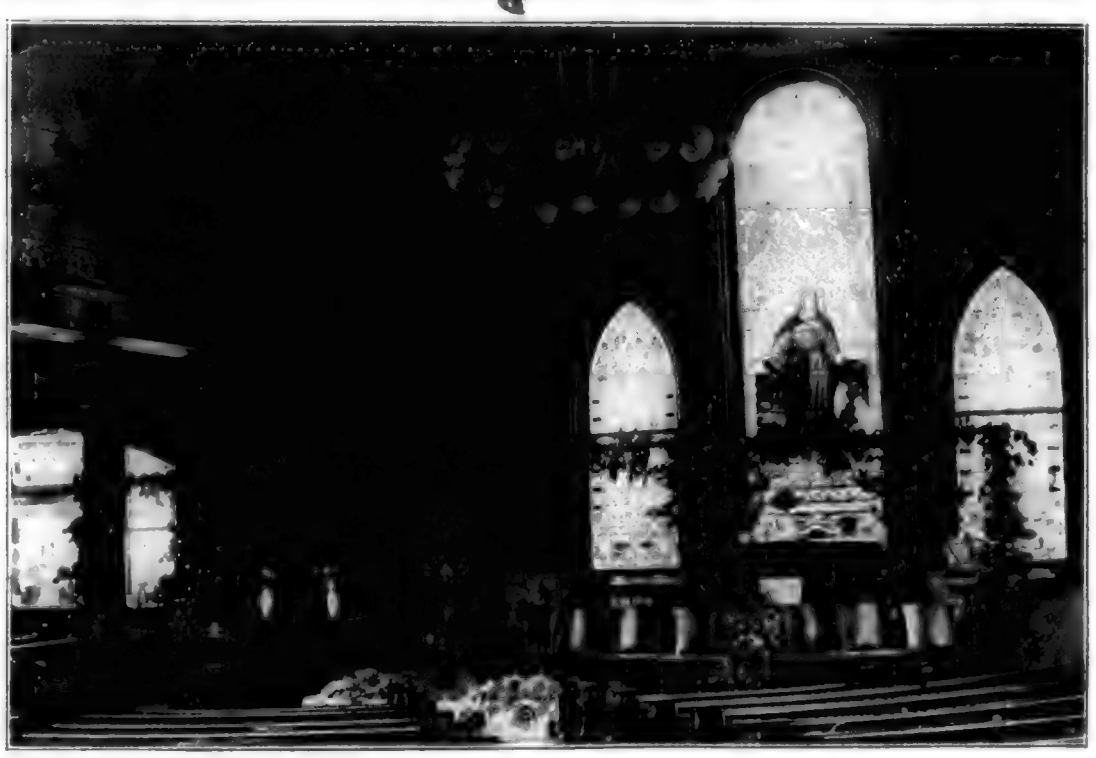
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Sweet Peas.

Sweet peas have been fine with us and I hope will continue to be, if every flower is plucked as soon as developed. When allowed to go to seed your vines will soon stop blooming. Hoe between the rows deeply, then spread three inches of stable manure between the rows completely covering the ground. Then you can let the hose run for half an hour on one spot and that will be thoroughly watered; with the mulching it will be a long time in drying out; at least, in the driest of weather, no watering will be needed for a week, with proper cultivation.

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Growers of experience, those who have moved from east to west, say that without irrigation it would be impossible to keep alive, much less grow anything, in Colorado and perhaps other states may be even less favorably supplied with water in the good old summer time. So conditions must be studied in our eastern states. Some seasons there may not be two successive weeks without a copious rain, and again we have all been occasionally two months without a drop. Water is the staple food of plants, but how to apply it artificially is the gardeners' knowledge. This sprinkling that you often see done, wetting the soil perhaps one inch below the surface, and leaving it baked and caked at that, is nothing but an apology for watering and I truly believe worse than nothing, not a quarter as much good as a hoeing.

Sweet Peas.

Sweet peas have been fine with us and I hope will continue to be, if every flower is plucked as soon as developed. When allowed to go to seed your vines will soon stop blooming. Hoe between the rows deeply, then spread three inches of stable manure between the rows completely covering the ground. Then you can let the hose run for half an hour on one spot and that will be thoroughly watered; with the mulching it will be a long time in drying out; at least, in the driest of weather, no watering will be needed for a week, with proper cultivation.

Different localities and conditions and conveniences may find different methods

best suited, but there can be but one opinion of the desired effect and that is to thoroughly soak the ground when it is dry and then hoe. WILLIAM SCOTT.

THE ADIANTUMS.

ED. REVIEW:—Since naming my new fern plants Adiantum Croweanum, about a year ago, I have heard through other parties that there are a great many growers who claim they have the same kind of fern as mine. I have sent fronds of my fern to some of these parties and have had no reply afterward from them.

I have on my place several kinds of adiantum, such as cuneatum, decorum, concinnum, Bausei and Mr. Ley's hybridum, which, when in young plants, it would take experts to point out the very slight differences, but when from five to six months old there is a vast difference in all kinds. Those growers who claim they have the same fern as Adiantum Croweanum, if they are good growers, why did they not push it for all it was worth when they found they had a money maker?

Now, I challenge those men to exhibit samples of their plants at the florists' convention in St. Louis in August. I want them to put up or shut up. I will have a few plants of my fern at that convention, also a few hundred of the cut fronds. Will also have a few plants of other kinds of adiantum.

PETER CROWE.

Utica, N. Y., July 15, 1904.



MULCHING.

Plants that were set out on the benches in May now have the soil filled with roots and to keep things up to par a light mulch is necessary. This mulch will serve a double purpose. It will protect the roots from the hot sun and afford nourishment to the plants. The bed should have a dusting of fine bone meal, the finer the better, and then a nice layer of half rotted cow manure, from half an inch to one inch in thickness.

I always prefer cow manure to any other for this mulching because it is mild and does not burn the roots, if sufficiently decayed. Do not use fresh cow manure by any means, or the ammonia rising from it will strip all the bottom leaves off the plants and kill all the feeding roots. If one has nothing but the fresh manure, it should be mixed with an equal bulk of dry soil and turned over several times before being used. Sheep manure that has previously been used for making liquid makes a fair top dressing, but I would not care to use it fresh as received from the dealers. Some growers use leaf-mold to top dress with, mixing with it either fine bone, or a highly concentrated fertilizer like Clay's, and it seems to work very well.

Whatever is used, do not delay too long in putting it on, the idea being to keep the plants moving along nicely without a check of any kind. Always remember in feeding a plant that [illegible] applied frequently is very much better than a strong dose of anything applied at once. In the absence of any kind of manure suitable for top dressing, tobacco stems scattered over the bed will keep it from drying out too rapidly and help to keep down the black and green fly.

Watering with liquid water need not yet be commenced unless you are growing your plants in pots or boxes and think they really need it.

Seasonable Work.

Routine work mostly is now in order. By killing all the butterflies that you find in the houses much of the work of chasing caterpillars will be done away with, though there are always enough to keep one from getting lonesome.

Keep the side shoots and suckers picked off and have the plant grow on in the straight and narrow way. Do not neglect the tying up of your plants until they are falling all over and getting crooked in the stem. The keynote of chrysanthemum growing is never to put off till tomorrow what should be done to-day.

Where plants are producing buds, some little care is necessary. Pinch out the bud and leave the three or four young shoots all grow until you can see that they are not blind; then select the best one and remove all the others. This disbudding should not be hurried, because it sometimes happens that a shoot makes one or two leaves and then goes blind after it has apparently started away all right. As a general thing I have found that the second shoot below the bud is the best one to retain.

A New Pest.

Hearing of a new pest that is raising havoc with a friend's plants, I journeyed to see it and found that it is a serious matter. It is a grub about an inch long, with a light-colored head, and having a violet-colored stripe running down from the head to the tail. This grub seems to penetrate the plant at a point where the bark is soft, and then bores its way right up to the top of the plant eating out all the center of the stem and leaving nothing but the outer bark. The whole plant, of course, collapses and the grub then seems to move on to the next one, and the process is repeated. Occasionally he turns round, and bores down to the soil, coming out at the base of the plant. It is a new grub to me and I certainly hope it will be a stranger to all my readers. It is very active and gets away in double quick time when disturbed, with the humpy movement common to most of the type.

It seems impossible to suggest any way of getting rid of it. Its method of getting all its food from inside the plant precludes the possibility of using poison, and about all one can do is to cut off the plant and kill the borer after the damage is done. Where it passes its existence up to the boring stage I cannot say, but it seems to appear out of the soil. I feel positive in saying that the eggs are not deposited in the plants to hatch out. If any reader can throw any light on this fellow, such information would be greatly appreciated.

BRIAN BORU.

TARRYTOWN, N. Y.—The sixth annual exhibition of the Tarrytown Horticultural Society will be held November 1 to 3. A schedule has been issued, copies of which may be obtained by addressing the secretary, E. W. Neubrand.



CARNATION NOTES.—EAST.

Filling the Benches.

The first of August should see a great part of the field grown stock in the benches. Many growers hesitate to throw out the old plants if there is a prospect of a few good blooms ahead, but the longer old stock is held, the less time the new plants will have to become firmly established in their permanent quarters; besides many varieties, if left in the field until the middle or last of August, get too large to handle well.

Medium-sized plants are preferable as a rule. They will lift better, can be housed more rapidly, will take hold of the soil sooner and in finishing their growth must necessarily get more firmly established than large plants nearly or quite mature. The exception to the rule is with slow-growing varieties of the nature of Mrs. Bradt, which, to give paying returns, requires large plants at housing time. However, this should be provided for by early propagation.

If planting is deferred till late the rush of work often necessitates putting off needed repairs to benches and hurried filling of same, when in point of fact this operation demands thorough work and time to do it well. Filling benches, while seeming to call chiefly for main strength, nevertheless needs considerable common sense and intelligence mixed in if any degre of success is looked for.

One of the main objects is to have the soil of equal density throughout and this is much easier to accomplish by arranging the help to level the soil as fast as brought in instead of dumping large quantities here and there and leveling afterwards. One may think, from appearance, a bench to be properly filled but after planting and several good waterings the defects, if any, will show when it is too late to remedy them.

Some growers advocate putting manure in the bottom before filling with soil and others regard the practice as a waste of raw material. After reported expri-



Employes of the Park Floral Co., Denver, Starting on their Annual Picnic.
(See Page 358, issue for July 14.)

ments I would recommend about an inch layer of not too well rotted horse manure sprinkld fairly well with bone meal. Have the manure moist when spread, immediatly apply the bone and cover with soil at once.

Several years ago we tried tobacco stems in a section of bench which had no manure at the bottom of the other sections. Careful observation all winter and spring failed to show any advantage whatever in using the stems.

I would not recommend planting a bench immediately after filling, or even the next day. If possible allow a week or more to intervene between filling and planting. During that time the soil gets settled and numerous weed seeds sprout, which are destroyed by a thorough raking in of a sprinkling of air-slaked lime a day or two previous to planting, at which time a watering may be needed to put the soil in just the right mechanical condition. GEO. S. OSBORN.

CARNATION NOTES.—WEST.

Size of Plants.

There is a great difference in opinion as to whether it is best to plant early, regardless of the size of the plants, or to wait until the plants have grown to a certain size, even though it may cause one to plant a little late. Nearly every grower likes to plant strong, bushy plants, with fifteen or twenty shoots ready to start into growth, and such plants can easily be had by September. But to have such plants by July 10 is quite another question and up to August 1 you will usually find more plants with less than a dozen good leads than you will find with over that number. Even with early propagated stock you will find this to be true, and among plants grown from cuttings taken after February 1 you will find mostly from six to ten shoots to the plant.

Personally I do not think anything is gained by leaving the plants out after August 1 to gain size. If the plants average very small I would not advocate extremely early planting, but I would by all means get my plants housed early in August, even though the plants be small. You can set two plants together or plant a little closer if you like, but you will find that the plant will grow as rapidly in the house during the fall months as they would in the field. If a plant has made enough growth in the field to require the third topping, which will mean about eight shoots, I would not hesitate to bring it in. Such a plant will take hold quickly and if planted before August 1 it can be topped again before it is allowed to come into bloom and by September 1 it ought to have fifteen good young shoots ready to run up to bud. They will be more certain to run up, too, than if the fifteen shoots had been started in the field before the plant was brought in.

Give me a medium sized plant in preferance to a large one, always. A few seasons ago we bought several hundred plants of Flora Hill late in August. Most of them came out of a batch of medium-sized plants, all except 100, which were very large and bushy, with at least twenty or more shoots to each plant. No doubt the grower thought he was doing us a favor by sending us those fine, large plants, and we thought so, too. But in less than six weeks we changed our minds. The smaller plants went right to work and bloomed early, while the large ones just stood still and looked sick until toward spring.

You can notice the same thing right along in your beds. You will always find the smaller plants recover quicker than the larger ones and if any of them die you usually find them among the larger ones. You will always find more dead leaves on the larger plants when you clean them off later on. The medium-sized plant will throw a few less blooming shoots the first crop, but you will find the stems grow longer and the blooms come larger than those on the large plants. The difference in the quality alone will make up the difference in the quantity of the first fall crop. You will also find less tendency to crop with the medium-sized plants later in the winter.

The foregoing is taking for granted that you plant early, say before August 15. If you choose between medium-sized plants August 1 and large plants September 1, then you will find the medium-sized early plants even more preferable. A. F. J. BAUR.

FREESIAS.

We have one house planted in mums. They are planted ten inches by twelve inches apart. If we plant freesias between the rows when the mums show buds will the freesias do well? We have never grown them before and as the mums are early ones we thought the freesias could be done that way so they could have the room after the mums are gone. How long does it take freesias to bloom, and narcissi? Will freesias do well in flats with two and a half inches of good, rich soil? A. R.

To plant freesias between chrysanthemums is a very poor combination, the worst I can think of. Your mums are so far apart that to make them profitable you should get at least three blooms to each plant. They will shade every inch of the ground and their roots will occupy all of it. Don't do it.

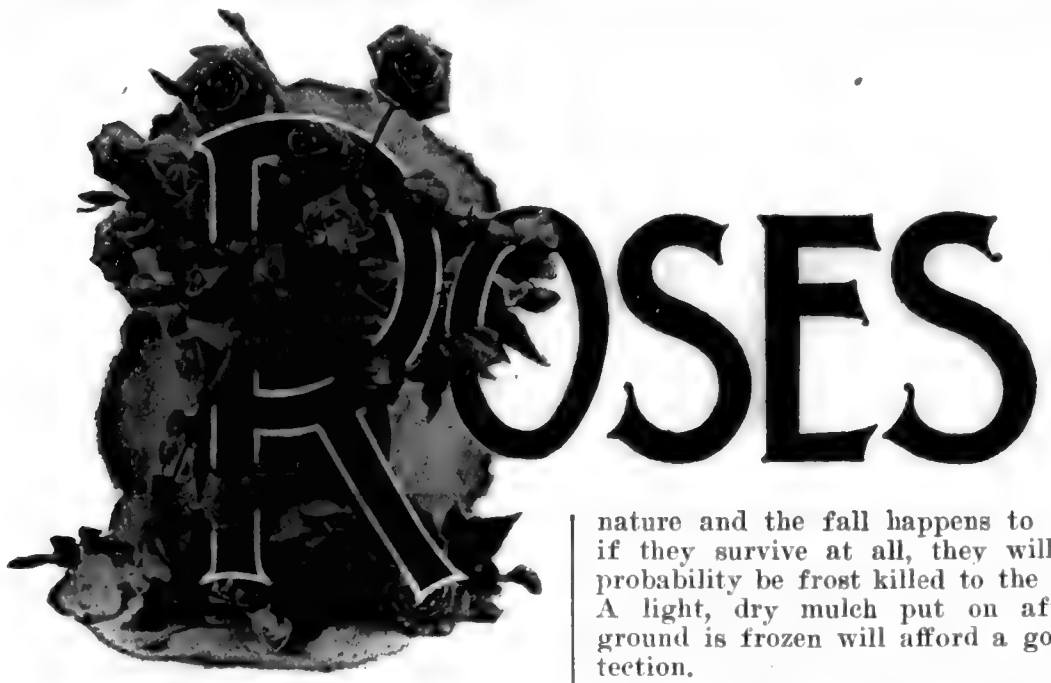
You can grow freesias in 5-inch or 6-inch pots, seven or eight plants to a pot, or you can plant them in flats of three and a half or four inches of soil; two and a half inches is rather shallow.

The best freesias I have ever seen were grown on a bench, such as you use for carnations. The corms were about three inches apart and the rows about five inches. Freesias are beautiful, delicate, sweet scented flowers and deserve generous treatment. The time from planting to flowering will depend somewhat upon the temperature and season. In midwinter in a carnation temperature it may be three months. Don't forget that a freesia is not a bulb. It is a corm and starts to grow directly it is planted and does not need covering or darkness to keep top growth dormant, as is necessary with the true bulbs, tulips, hyacinths and narcissi.

The narcissus family is a large one and their time of flowering varies greatly

when forced. Supposing you planted all the forcing narcissi as soon as received, say the end of September. Then you could have in flower the Dutch Von Sion by early January, Golden Spur a week or so later, Princeps about the middle of February, and some fine narcissi cannot be flowered satisfactorily until the middle of March. The French grown bulbs of some narcissi are received in August and can be had in flower much earlier, the well known Paper White in early November, the French Trumpet Major in December and the pretty yellow Campernelle flowers easily by Christmas, so there is a wide difference in the adaptability for forcing among narcissi.

W. S.



PRECAUTIONS.

During the bright summer weather green fly, while not so troublesome as during the winter months, should be carefully looked after and kept in check. A systematic fumigation once a week during these months will reduce their numbers to such an extent that they will be easier to manage during the winter.

Our ever present enemy, red spider, should also share our attention, and all nooks and corners where the syringe cannot have full play should be thoroughly inspected, as it is there they congregate, multiply and if not combatted, will soon overrun a house.

During the season when firing cannot be resorted to mildew is still our most troublesome and insidious enemy and it is only by close attention to providing a supply of pure, fresh air, avoiding draughts and a judicious use of the sulphur blower that we can escape having trouble with this pest.

So that the plants may derive the full benefit from the fresh air supplied, and to facilitate syringing, supporting and training the bushes should never be neglected. By keeping the growths in an upright position the eyes will break stronger, thus avoiding that strawy, we formation of wood which can never produce a high grade bloom, but is more likely to be followed by a heavy crop of blind wood, which, as one of my correspondents naively remarks, "does not command much of a price even during the holiday season."

Ribes.

PROTECTING ROSES.

Is the American Beauty hardy? Will it stand zero weather? How should one make a cold frame to keep rose plants over winter? What attention do they require during winter? Sometimes it gets as low as zero.

G. W. R.

Yes, the American Beauty is hardy, and in New York there should be little trouble in keeping it over winter. Of course, this depends altogether on conditions. If the soil is of a cold, moist nature and the fall happens to be wet, if they survive at all, they will in all probability be frost killed to the ground. A light, dry mulch put on after the ground is frozen will afford a good protection.

Any ordinary frame that is deep enough to hold the plants laid on their sides, with ample room for a good covering of dry litter or leaves, with a board or sash covering to keep out the wet, and a covering over all to protect them during very severe weather, will suffice. When danger from hard frost is past the covering should be removed and the plants gradually exposed to the light. After a few days of this treatment they can be planted in their summer quarters.

Ribes.

ROSES AND GREENS.

Can roses and Adiantum cuneatum be grown successfully in the same house? If so, under what conditions? How would asparagus do in the same house with roses?

W. J.

The temperature of a rose house would suit adiantum but the amount of fumigation required by roses would be fatal to them. There are no conditions under which the two can be grown together successfully, and the same objections are applicable to asparagus. A partition across the house, if carefully planned and executed, would make conditions more suitable for both of these crops.

Ribes.

OUTDOOR ROSES.

I read the article "Outdoor Roses" that appeared in the last number of the Review and, as W. W. D. asks for information concerning the behavior of his plants and methods of culture, I venture to give our experience along that line.

First, in answer to the inquiry as to the cause of the condition of the plants: The cause of the weak growth and undeveloped buds is lack of proper nourishment, caused by slow or dormant root action, which is affected by cool, wet weather and souring of the soil. This inactivity of the roots also causes the leaves to turn yellow and drop off, also promotes blackspot, a fungus growth which causes the spots noticed on the leaves.

Pure bone meal, free from acid, will do no harm, and will promote free flowering. Hellebore will not kill aphides, as they suck the sap from the tissues of the plant. Spraying the plant with water in hot, dry weather would be beneficial, but not necessary to vigorous growth.

We make our rose bed where the soil is well drained. If the soil is a good clay loam it is all right. We dig the soil twelve inches deep, and to every three cubic feet of soil add one cubic foot of thoroughly rotted manure. Set the plants in the spring as soon as hard freezing weather is over. Water when necessary, but never overwater. Keep a mulch of fine soil over the bed by cultivating, after every rain as soon as dry enough. Stir the soil close up to the plants and about two inches deep. This airs and sweetens the soil and promotes vigorous growth. Disbud by pinching out all buds as soon as large enough to get hold of. Take off just the bud and continue to do this until the plants are thoroughly established, which is shown by vigorous young shoots and large foliage. When the buds on these first strong shoots begin to show color cut them off, taking about one-half the stem with them. This will give strong growth, which may be allowed to produce flowers. Spread three or four inches of rotted manure on the beds, the beginning of spring and work in well.

As to insects and fungi: The rose slug can be poisoned, with a weak solution of Paris green or powdered hellebore. For aphides we use one tablspoonful of nitrate of soda to twelve quarts of water, watering the plants with this solution every ten days until the aphides disappear. For mildew use sulphur but, better still, select those varieties of roses which are less liable to mildew. For blackspot keep foliage sprayed with ammoniacal copper carbonate solution, from start to finish.

R. H. P.

ASPARAGUS.

I have about 1,500 fine young Asparagus plumosus plants which I think of planting on a bench for cutting during the winter. I have a solid bed 5x75 three feet from the glass. With good rich soil, will this do? I have another bench 6x75 in a house ten feet high. Would this be better? Does asparagus pay best cut in sprays or strings? How far apart should they be planted?

F. I.

A solid bed is much the best for growing Asparagus plumosus, especially if it is to be grown to strings, and if this be the purpose a house with ten feet of headroom above the bed is none too high. The low bench could be used for asparagus that is to be cut as sprays, many growers planting the asparagus on side benches containing about six inches of soil when it is intended to be cut in that way. This method applies to both A. plumosus and Sprengeri.

Some time is required to establish a bed of asparagus so that long strings will be produced, and a deep bed of rich soil is needed for the purpose, good loam, with about one-fifth of well rotted stable manure, forming a suitable compost, and the bed having a depth of about two feet, including a layer of broken bricks or cinders that should be placed in the bottom for drainage.

The plants should be spaced fifteen to eighteen inches apart in the bed, and during the summer the glass should have



Field of Dahlias of Rowehl & Granz, Hicksville, L. I.

a light shading. The best temperature for asparagus during the winter is 65° at night. As the season is progressing rapidly, the sooner the asparagus is planted the better. W. H. TAPLIN.

GREENHOUSES AND HELP.

[A paper by J. W. Dunford, read before the St. Louis Florists' Club, July 14, 1904.]

Having been assigned to lead a discussion on greenhouse building at this meeting, with the privilege of choosing my own subject if I wish, it now develops that I am expected to write an essay.

Treating the topic of greenhouse building in a general way, I will say that the high price of labor and material, I think, has put a temporary check on the erection of houses in some sections. Perhaps it is just as well, for there is certainly a limit to the consumption of all luxuries, including flowers. The tendency in building is ever to improve on existing types, and this is as it should be, for there is room for much improvement and the situation merits more thought than it generally gets. Take the ventilating machinery and sash alone, while a thousand times better than the types seen twenty-five years ago, yet who can say that there is at present anything like a perfect system?

Men who build, construction men and greenhouse men alike, copy too much. A has built a new range, and like all other new houses, it is capable of growing good stuff, and, A being a good grower, takes advantage of his opportunities. B sees the range, likes the style and falls in love with the kind of stock that can be grown in it, goes home and builds in just the same way, only to regret it in a few years, perhaps.

Houses for cut flowers built connected lengthwise, that is, with no open space between, seem to be returning to favor. For good reasons, too, as the temperature is more easy to regulate in them. They are also more economical to heat and build. The tendency seems to be to keep the gutters high. This is also good for many reasons, the chief being the saving of valuable space, besides giving a better circulation of air. Just why houses of this type are better built narrow, we could never see, except that this brings the ridge lower, but the extra time in taking care of the air, besides extra cost in building, more than offsets this.

In regard to iron versus wooden gutters, while the former of course are the better of the two in point of durability, in building a range where cheapness is any consideration I would not use iron. With us we find necessity for an extra galvanized drip gutter under the iron gutter, which is never needed under a good wooden gutter.

The most popular bench, and we think the best is one made on the ground with plenty of good drainage, either tile or cinders. This is the most durable bed and need not cost nearly as much as a wooden one.

Now about help. The nature and qualification of our helpers is largely governed by the class of work they are wanted for. The small man, who is grower and retailer alike, must needs have men of experience about him. This is also true of wholesaler and retailer, pure and simple. The large grower must have a few good experienced men, but can depend on inexperienced help for much of the routine work.

To be successful in handling men a man must be diplomatic. Give in all you consistently can, but make it known that there is a limit and never go beyond the limitations. When a man thinks he is worth more to you than you do, don't coax him to stay, but rather encourage him to find a place with more money in it.

Never use or permit bad language. When a man is inclined that way, talk to him sensibly and let him know that you don't like it. If he persists after he has been told to wash his mouth out a few times, let him go.

Treat all men with kindness and consideration. Never ask a man to do what you would not be willing to do yourself. Encourage your help to think for themselves, and if they can improve on your methods, let them. In the case of experienced help, if you know your way is best, stick to it and see that it is done that way. Never mind what your man used to do at Mr. So and So's with great success. Pay the best wages to the best men. One good man is better than three poor ones.

FINDLAY, O.—E. J. Foster has sold a one-third interest in his greenhouses and business and the firm will hereafter be Foster & Fellabaum. The plan is to considerably enlarge the plant.

NEW YORK.

The Market.

The market is still quiescent. The weather is wilting. Chicago is not the only city where the "breath of the simoon" is felt. Here, with the tempering ocean breezes, Monday gave us nearly 100 degrees of heat and about 1,000 degrees of humidity, an infliction which your inland cities cannot appreciate. The wholesale men close early these days, and the retailers ought to.

Stock is not quite so plentiful, and consequently the market began to "sit up and take notice" on Saturday. But it had the usual relapse Monday and there are no signs of immediate recovery. Asters have asserted themselves once more and are of fine quality. Sweet peas are less abundant and prices slightly advanced from the valueless quotations of the month. Plenty of lilies, still, of every kind. Carnations and roses sufficient for any possible demand. Society is at Newport and shipments to that center from New York are abundant.

Various Notes.

The "traveler" representing the F. R. Pierson Co. was fortunate in securing from the billionaire oil merchant lately, an order for 10,000 evergreens to add to the beauty of the great estate at Pocantico Hills, which John D. Rockefeller intends to make, when complete, the grandest horticultural paradise this side of the "Everlasting Hills."

The president of the New York Cut Flower Exchange, Wm. Amos, Sr., of Woodside, L. I., has retired in favor of his son, Wm. Amos, Jr., after thirty-five years of business experience as a grower, and with the universal respect and good will of his confreres.

N. Lecakes & Co. have purchased the stock and fixtures of G. E. Bradshaw and moved from 45 West Twenty-ninth street to their new quarters on Saturday. They will hereafter make 53 West Twenty-ninth street their headquarters, having assumed the lease of the premises. Mr. Bradshaw made an assignment to John Foley, of 213 East Forty-fifth street. He asserts that the book accounts will about meet the liabilities.

Philip J. Kessler has been appointed general manager of the Cut Flower Exchange. The right man for the place and always faithful to its interests.

George Saltford and family will enjoy their annual outing at Oswego and vicinity, and David Mellis and family, of Flatbush, are in the Adirondacks.

Mr. Hayden, of the Florists' Board of Trade, is planning to enlarge the scope and usefulness of his information and collection system, and to the extent of his reference book, which should be in the hands of every nurseryman and florist in the country. He is now sending to his patrons advance ratings of anyone not mentioned in his quarterly book, free of charge.

Elliott reports his first consignment of Harrisii already sold, and the arrival this week from the south of France of a large stock of seeds of primula, calceolaria and cineraria.

Alf. Wheeler, of Weeber & Don, is in Worcester, England, enjoying a two months' pleasure trip amid familiar scenes.

Charles Noll, formerly with French, of Tuxedo, is now with Mr. Butler at Hartsdale, N. Y., and Walter Jack, lately with C. Lambert, has taken a position as manager on the estate of John C. Alexander, of Lennox, Mass.

fields exceptionally fine this season, the best for many years, but believes the total yield of the island will not amount to more than seventy-five per cent of last year's output.

The design for the gold medal of the Horticultural Society of New York has been prepared by the committee, of which Patrick O'Mara is chairman, and is very handsome.

The July number of the Journal of New York Botanical Garden has an exhaustive report by G. V. Nash on the effects of the past winter on shrubs, which is very interesting.

R. Ulrich, the landscape architect, whose wonderful handiwork many of the S. A. F. conventionists will remember at Omaha, Buffalo and Chicago, has returned from southern California, where he laid out an immense park, and is now located at 136 Liberty street, New York.

The American Institute of New York will hold its first fall show September 21 and 22 at the Berkeley Lyceum. Dahlias, gladioli, and vegetables will comprise the bulk of the exhibits. November 10 to 17 the Great Show will take place in the Herald Square Exhibition Hall. Seventy-four classes of the cut flower division alone are devoted to chrysanthemums.

Prizes of $100 and $50 are offered for plant groups and liberal premiums in every department of the great exhibition.

The picture of the dahlia field of Rowehl & Granz in this issue is published through the courtesy of James McManus.

W. H. Long, with C. H. Brown, of 412 Columbus avenue, and formerly with Thorley, is enjoying his holidays in Boston, and John Curry of the same establishment is recuperating at Lake Hopatcong.

Henry Weston, of Hempstead, L. I., left on Saturday for a pleasure trip in Europe.

Reed & Keller have already in readiness two carloads of samples for shipment to the St. Louis convention, with many surprises in the way of new designs and novelties. Mr. Reed will leave early for St. Louis, and says his display will far exceed any exhibit ever made by his firm at any meeting of the S. A. F. He reports sales of over 20,000 of his folding bells to date and the season is hardly begun.

The interest in the coming convention is just beginning and the prospects for a good representation from New York and vicinity are encouraging. In another week definite information as to the number can be given. There is no doubt the Baltimore & Ohio will have a jolly company to test its courtesy and conveniences. A good many have arranged with Mrs. Ellison, the popular St. Louis florist, to make their home with her during their stay in the city and while visiting the World's Fair after the convention closes.



White Cloud Carnation at Sinner Bros.', Chicago.

THE SINNER PLACE.

The accompanying illustrations show three views in the establishment of Sinner Bros., on Ridge avenue, in Rogers Park, the well known market gardening and greenhouse suburb of Chicago. The Sinner establishment is within a stone's throw of the big range of Wietor Bros. and also close to M. Winandy. The place was originally given to vegetables, during the days of Theodore Sinner, the father of the present proprietors,

Wm. Hillebrecht, of Secaucus, died suddenly on Saturday, of heart disease, and was buried on Monday. Only four weeks ago Mrs. Hillebrecht was buried. Universal sympathy for the bereft family is felt by all in the trade. Mr. Hillebrecht was still a young man and had a prosperous business.

Miss Herrington, the youngest sister of Arthur Herrington, of Madison, has arrived from England and will make her brother a protracted visit.

Julius Roehrs and Mrs. Roehrs have been enjoying the sea air at Newport, R. I., during the past week with the rest of the millionaires.

J. M. Keller and family, of Bay Ridge, are at Elka Park, in the Catskills, in their summer cottage.

Mrs. Carl Hoffbauer, daughter of Julius Roehrs, is spending the summer in Europe .

Cleary's horticultural hall has been transformed into a retail palm and fern store for the summer and is neatly fitted up for the purpose.

Geo. J. Stumpp, of the Stumpp & Walter Co., is back from his ten days' trip to Bermuda. He reports their



Interior of a House at Establishment of Sinner Bros., Chicago.



The Establishment of Sinner Bros., Rogers Park, Chicago.

who died about four years ago. There are fifteen houses in all, making a total of 85,000 feet of glass.

Roses and carnations are the principal crops. Beauties are grown in small quantity, but they have not been found to pay as well as the smaller roses, and most of the space will be given to Liberty, Chatenay, Bride, Bridesmaid, and Golden Gate for the next season.

It takes 60,000 carnation plants to stock the benches. Not a large list of varieties is grown, the policy being to have only about two varieties in each color, using the best money makers. There will be two houses of Lawson this year. White Cloud and Flora Hill are the principal whites, but the latter did not do so well last year as it has heretofore. America has been found the best paying red.

In the spring about 75,000 bulbs are forced. One of the accompanying illustrations shows a bench of callas. When the cutting bench was emptied this spring it was filled up with lettuce, the crop bringing 40 cents a case and proving about the most profitable bench in the house, considering the time it was occupied.

The growing end of the business is conducted by J. P. Sinner, the elder brother. John Sinner has charge of the selling department in the Flower Growers' Market and is working a very nice business.

CHICAGO.

The Market.

Trade is no more active this week than in the past fortnight, but supplies are so reduced in all lines of staple goods that better averages are resulting. On the whole, business is probably about the same as usual in the middle of July. There are still too many poor roses, but not enough of the better grades to meet the shipping demand. The teas are very small and some growers have a great deal of mildew, which renders the stock practically unsalable. The summer cuts of Beauty are coming on and some fair qualities are shown. There are large quantities of short-stemmed Liberty.

The carnation crop has been given its quietus by the few days of hot weather. The receipts are only a fraction of those of the early part of the month, and with many of the growers the cut is hardly worth shipping to market, but what good carnations are received are selling for pretty fair money, $1 to $2 being asked for the better grade of goods.

The principal over-supply at present is in sweet peas, but asters are beginning to come in heavily and it will not be long before their disposal will present another problem to the wholesalers. The peonies are gone except one crop, part of which still remains in storage. Auratum lilies are becoming more plentiful, but are selling for funeral work. Garden flowers in general are in light supply.

Various Notes.

There was a fair crowd at the Albert Fuchs auction last week and most of the stock was disposed of except such parts as Mr. Fuchs reserved for his retail trade. Among the buyers from out of town were: J. C. Rennison, Sioux City; A. L. Glaser, Dubuque; W. E. Kemble, Oskaloosa; W. A. Hartman, South Haven, Mich.; A. McFadden, Cincinnati; P. L. Larson, Fort Dodge; L. A. Whitmore, Buchtel, Ohio. The principal local buyers were the George Wittbold Company, H. R. and L. C. Hughes, Jacob Russler, John C. Ure, J. F. Kidwell & Brother and J. S. Wilson, of Vaughan's Seed Store, although a number of local store men were present and bought more or less. In general the prices received were fair, the kentias and pandanuses being in demand. The greenhouses have all been disposed of for removal from the ground. Edward Amerpohl, of Janesville, Wis., bought two houses. Nees Bros., who are starting a new place at Glen Ellyn, took two houses. Two more were sold to A. L. Whitmore, Buchtel, Ohio; three to B. Blameuser, at Niles Center, Ill., and one to F. Walker & Son, of Junction City, Kan., who are starting a branch place at Wakefield. Mr. Fuchs expects to start this week for Europe. He has retained the retail store and two houses, which he will leave in charge of F. Lautenschlager.

Julius Schnapp is in charge of T. D. Mosconosotes' new store on North State street, having succeeded George Weinhoeber.

J. B. Deamud is at Springfield as a guest of Captain A. I. Simmons, the Sixty-third street retailer, who is a member of the Seventh regiment.

J. P. Risch is on his vacation this week. Replanting operations will begin at the Evanston establishment next week.

Phil Shoup, of J. A. Budlong's, is doing jury duty this week.

Wietor Bros. will drop Perle from their list of roses for next year.

Dr. Weil, a close friend of Alderman Peter Reinberg, was last week appointed a member of the Board of Education.

Kennicott Bros. Company is still receiving some good White Cloud and Lawson carnations.

A. Lange and family will leave the latter part of this week to spend a month in Colorado.

S. Garland, Jr., is sending Percy Jones some very good Enchantress carnations.

Will Kyle, of Kennicott's, is away on his vacation. He expects to visit St. Louis.

George J. Ball, who has the Harms Park Floral Company place, is growing two acres of Benthey's Perfection aster, which is giving indications of a very fine large crop next month. There is no sign of disease in the field.

Ed Harmes, of Niles Center, died last Friday after a long illness with cancer. He was the son of Henry Harmes and 37 years of age. A widow and three children survive. The Harmes family is well known in the trade, the father and several sons having been connected with several branches of the industry. The deceased was at one time in the wholesale business with Louis Gresenz, the firm being Gresenz & Harmes.

The building in which the Flower Growers' Market is located was sold at Master's sale July 5. It is likely that the structure will soon be rebuilt, but

the Market lease gives it first call on its present quarters in that event.

Mr. and Mrs. P. J. Hauswirth are at Cincinnati this week attending the gathering of Elks.

George Weinhoeber is in Colorado for a three weeks' vacation.

A special meeting of the Florists' Club was called for last evening to act on the new by-laws and other pressing matters.

The growers at Reinbergs' have a first-class base ball team. Last Sunday they were defeated, 9 to 10, by the Only Ways, one of the best of the local amateur teams.

Visitors this week were: E. G. Hill, Richmond, Ind.; S. S. Skidelsky, Philadelphia.

H. N. Bruns and family are at Pewaukee, Wis., for an outing.

PHILADELPHIA.

The Market.

While business is very dull, it is not any duller than in midsummer a year ago. There is a little doing every day. The bright particular day from a business standpoint was Thursday of last week, when J. J. Habermehl's Sons decorated the Royal Palace at Atlantic City for the Shriners. They used gladioli, Liberties, carnations and peonies. How did they manage that? Among other flowers, asters are more plentiful and higher in price. Carnations are in demand, especially Hill and Crocker. Sweet peas are held a little more firmly. Greens are very slow sellers.

Various Notes.

Letters received here this week from Paris and from London state that H. Bayersdorfer is having a very successful trip. He will sail for home the end of July.

A meeting of the creditors of Robert Craig & Son has been called for Tuesday next, 3 p. m., at Forty-ninth and Market streets, by the assignee, John Burton.

M. Rice & Co. have put three new salesmen on the road, two for distant cities and one for this city. They promise that the finest exhibit of florists' supplies ever made will be seen under their banner at St. Louis.

H. M. Collins, of Boston, was a visitor this week.

Samuel S. Pennock speaks in glowing terms of the stock of field grown carnations that he is offering. They come from a distance and are better, even, than last year, when two experts said they were the best they had ever seen.

The Conard & Jones Co. appears to have a good thing in the Philadelphia Rambler.

Visitors say that Joseph Heacock has some of the finest palms in the market.

J. Liddon Pennock is happily recovering from a serious attack of tonsilitis, which threatened diphtheria.

Jacob Becker is tearing down the ends of two houses in Market street and will then build a show house parallel to the street.

William J. Baker was pleased with the business done last week.

Geo. Waterfield is growing a house of Beauties as a trial and has begun to cut from the new plants.

The Flower Market has been getting a fine lot of carnations, especially white, for which there is a good demand.

Charles Griffin, a nephew of H. W. Weiland, of Newtown, with whom he lived, was drowned last Wednesday. With some other boys he was swimming. He dived and struck his head on a stone and was unable to reach shore.

Mrs. S. I. Smith, of Secane, whose asters last year were the best coming to this city, has this year been unfortunate in losing most of her plants through stem-rot. Her carnations look very promising in the field.

Bowling.

The contest for places on the team to represent the Florists' Club of this city at the great bowling tournament to be held during the S. A F. convention at St. Louis next month, which was commenced on June 1, was completed Wednesday, July 13. There were seven evenings of play, three games being rolled each evening, and different alleys each time. The scoring was by points, as last year, the six highest scores in each game receiving one point. Ten men entered and eight were present the last night. The following is a summary of the contest:

Player.	No. Games.	High.	Total.	Av.	Pts.
Robertson	21	210	3591	171	16
Yates	18	220	3072	171	15
Connor	21	187	3360	160	15
Kift	21	224	3390	161	14
Watson	18	193	2869	159	13
Adelberger	21	214	3426	163	12
Anderson	21	209	3353	160	12
Westcott	21	192	3226	154	12

PHIL.

BOSTON.

The Market.

There has been practically no market during the past week. Flowers were abundant and demand light. Roses and carnations were each hard to move; few of the latter brought over 50 cents per 100. One first-class grower stated that he was offered $1 per 300 for his best blooms and donated a large number to charity rather than sell at such prices. Many have been cleaned out at lower rates than these.

Sweet peas have been the one flower which seemed to be in quite good demand. Prices have varied from 10 cents to 40 cents per 100, according to the call. As a rule, 25 cents is as high as good stock will reach. The pretty orange variety, Miss Wilmott, seems to be a first-class seller. No other flowers seem to be in request and the market is excessively dull.

Exhibition.

At Horticultural Hall on July 16, sweet peas were the principal feature and were largely shown. In the class for thirty-five distinct varieties there were five competitors, prizes going to W. J. Clemson, E. A. Clark, William Riggs, gardener, and W. Whitman, M. Sullivan, gardener. For twelve varieties, E. A. Clark, W. J. Clemson and Mrs. E. M. Gill won in the order named. W. N. Craig received honorable mention for the new varieties, King Edward VII., Dorothy Eckford and White Wonder. The finest varieties shown to suit the florists' trade were: Sadie Burpee, White Wonder and Dorothy Eckford, white; Salopian and King Edward VII., scarlet; Lady Grisel Hamilton, lavender; Hon. Mrs. E. Kenyon, primrose; Lovely, light pink; Prima Donna, deep pink; Miss Wilmott, orange; Prince of Wales and Lord Roseberry, rose; Blanche Ferry, pink and white.

William Riggs showed a fine lot of pentstemons, which are becoming increasingly popular. James Garthley, gardener to H. H. Rogers, received honorable mention for the double tuberous begonia, Gold of Ophir, also for a collection of the new Begonia erecta cristata. L. H. Atkins had a beautiful table of Shirley poppies and there were general displays by E. P. Shaw, Mrs. E. M. Gill and Mrs. J. B. Lawrence. The class for forty varieties and species of native plants, as usual, drew a strong entry, prizes going to Mrs. Arthur Clark, the Misses Doran, Mrs. A. S. Colbourn and Miss S. K. Buitta. The Boston Mycological Club had its first display of fungi. There was a good display of seasonable fruits and vegetables.

Various Notes.

Edward Butler, whose death recently occurred at Wellesley, was for many years gardener to Mrs. Durant, at Wellesley College. Mr. Butler, who was an Englishman by birth, was well up in his profession and used to be a frequent exhibitor at Horticultural Hall, of orchids, azaleas, acacias and other plants. He was especially successful in the cultivation of Dendrobium nobile, and used to exhibit plants of this favorite orchid carrying over 1,000 blooms. A large circle of florists and gardeners were grieved to learn of his death.

A strong northeast breeze on the evening of July 12 blew millions of brown tail moths from the infested districts into the city of Boston. The street lamps were almost white with them, and they resembled a snow storm in places. The Public Gardens and other resorts are now teeming with this pest, which, in addition to destroying the foliage on the trees, causes a very irritating and poisonous rash. The fine hairs dropping from the moths and touching the skin have created an ailment known as moth rash, for which remedies are being advertised in all our dailies. Radical measures are necessary to free Boston from this pest, which is now being quite widely distributed. Drs. Montague and Woodbury, who have been making a special study of the brown tail and gypsy moth, say the much maligned English sparrows are devouring both pests by the tens of thousands. The sparrows catch them as they fly and, devouring the bodies, drop the wings to the ground, where in some places they cover the walks.

A. Sibthorpe, formerly with J. Tailby & Son, Wellesley, who started in business for himself in that town a year ago, is building a considerable addition to his plant. Mr. Sibthorpe grows a general stock, as his retail trade is considerable.

A recent visit to Framingham found the various florists in that thriving town busy planting and preparing houses for carnations and chrysanthemums. At William Nicholson's we noted Fair Maid carnations of fine size and color. As a summer bloomer, this outclasses Enchantress, which comes almost white, as does Prosperity. Eldorado is still considered the best seller here and was being planted in benches from pots. Some fine plants of this sort were noted outdoors for summer blooming, along with the old Mrs. Fisher. The Queen and other popular sorts. Carnations are the principal feature here, but chrysanthemums are quite largely grown. The last of these were being benched. A nice lot of use-

ful general stock for retailing was also noted.

J. T. Butterworth has a nice, compact plant centrally located in South Framingham. Two houses were still occupied with carnations. The Queen showed up as the best summer bloomer. Chrysanthemums were being planted out. Orchids are now Mr. Butterworth's hobby and he owns the best commercial collection of these in New England. Cattleyas looked particularly well. Some fine specimens of gigas, labiata, trianæ, Percivaliana and other standard sorts were noted and all had greatly improved since our previous visit. Laelia anceps and L. autumnalis, dendrobiums, Cœlogyne cristata and Cypripedium insigne were noted in quantity and all were very promising. Plants are all grown in fern fibre and sphagnum. Bulbous stock is extensively grown here, about half a million being forced annually, but Mr. Butterworth plans to reduce these as his orchids increase.

S. J. Goddard is now comfortably located in his new place in Framingham. His newly completed houses, which are 28x135 each, are principally planted with carnations, including considerable batches of Mrs. M. A. Patten, Flamingo, White Lawson, Lady Bountiful and other novelties. All stock looked well. Mr. Goddard has just installed a ninety horse-power boiler, which should keep his houses comfortable.

Alexander McKay, at Mrs. A. W. Spencer's, has gone over to the florists' side, handling a promiscuous stock. His divisions of chrysanthemums, which included all the best novelties, looked well. Orchids are also dabbled in a little. He says he is through with exhibiting, as it caused him too much nervous worry. This is to be regretted, as Boston has no better grower of specimen chrysanthemums and blooms.

J. Tailby & Son have had numerous visitors the past week to see their display of yellow callas. The variety, Mrs. Theodore Roosevelt (C. albo-maculata x C. Elliottiana) is of a deep primrose color. The leaves are beautifully variegated and the plant a vigorous grower for either pot culture or massing in beds. It should be very popular. Messrs. Tailby have some thousands of flowering sized bulbs and rows of seeds seemed to be germinating as freely as peas. Although some tempting offers have been made for the stock, it will probably be held until it can be marketed at a popular price.

Alfred Ackerman, instructor in the Yale school of forestry, will begin his work as state forester of Massachusetts in August. Mr. Ackerman graduated from the University of Georgia in 1898. He studied German forestry methods some time and graduated from Yale forestry school in 1902. He prepared plans for the celebrated Austin Corbin park of 25,000 acres in southern New Hampshire.

Colonel Joseph H. Woodford, for many years chairman of the committee of arrangements at Horticultural Hall, is critically ill.

Mrs. E. M. Gill, the well known florist of Medford, reports the gypsy moth pest as being terrible there. Hardy roses and perennials are being eaten up and even greenhouse stock is not exempt.

W. N. CRAIG.

BUFFALO.

Various Notes.

As was expected, business has dropped to a low ebb since the first of the month. Our wealthy citizens follow the fashion of larger cities and seek the mountain and seashores, or make a trip across the herring pond, but they need not leave home in search of a better climate, for nothing can be finer than the breezes off Lake Erie. No excessive heat, no mosquitoes, little politics and ideal weather, a great contrast to last summer.

Buffalo lost a noble citizen last week in the death of Robert B. Adam, head of the old dry goods firm of Adam, Meldrum & Anderson. As chairman of the great work, the grade crossing commission, he has left an enduring monument, insisting that the commission should serve without a cent of remuneration, and not a breath of corruption or even favoritism has ever been uttered in connection with their work involving millions. But this is only one of his many good works and to give them all here would be out of place. Oh, that our great cities could have such men for mayor, or better still for aldermen. When it is considered an honor to represent your ward in a great city, then our leading, independent, good citizens will be willing to serve and we shall be approaching a business-like, pure, municipal government. Now too many of our city fathers are merely professional politicians, and is it any wonder that graft and boodle are so often heard of? We prosper and are blessed in spite of this affliction, but our city government will some day be different. It will come in time, when many of us have ceased worrying about taxes.

It may interest some of the readers of the REVIEW to know that Mr. Adam was the possessor of many original manuscripts of Robert Burns. His Johnsoniana was the most valuable in the world. His Burnsiana was not as extensive as that of our friend, William R. Smith, of Washington, which is the third largest in the world and most complete, but he spent thousands in autograph letters and original manuscripts of Burns' poems. Among many others in his collection is the original manuscript of "Tam O'Shanter" and "A Man's a Man for a' That."

There was a very elaborate and beautiful display of flowers at the funeral and the many designs were arranged at the altar of the church by some lady friends far more artistically than any professional florist could do it. W. J. Palmer had several large and costly designs. A pall of lavender and white sweet peas was very beautiful and an immense wreath on a stand. Anderson sent a five-foot wreath which I thought was rich. Half of it was American Beauty roses and the other half lily of the valley. Designs came from Boston and New York. Altogether it was a beautiful sight and, although there is a tendency to overdo the flower business at funerals, they were so tastefully arranged that it gave one the impression that it was proper and fitting for the occasion and would have pleased this great, good man could he have seen it.

William F. Kasting was a delegate to the St. Louis convention from his congressional district and shouted so long and loud when the name of Parker was mentioned that we don't expect his voice to be fully restored much before he meets John Westcott at St. Louis again. He expects to shout a little louder on the night of the first Tuesday in November, and it would not surprise us a little bit if he has good occasion to.

While we hear from some quarters of a scarcity of rain, we have frequent showers, rather too frequent for keeping the weeds down. It has been a most favorable time for carnations and they never looked better. Planting has begun. At Corfu a big house was planted July 8 and they never looked over their shoulder. This is not cultural notes, so I can dip a minute into carnations. What a change in time of planting! The end of September was considered right twenty-five years ago. Then gradually it worked up to the end of August. Then early in August, and now the best, most uniform and splendid lot of carnations I saw anywhere last year was at Trenton Falls, N. Y., and they were lifted from the field early in July. It was about December 15 that I saw these houses and you know that if your plants are loaded with splendid flowers at that date, you are decidedly in it.

There are many points of advantage with those who plant in May or June from 3-inch or 3½-inch pots, as so ably explained by that modest phenomena, Peter Fisher, and now practiced by many, yet it seems that if you can get them out in the field early in May and give them two months outside they do better in the field during those two months than they will in the hothouses, and by early July the roots have spread but little. Not a fibre is lost, and they go right on growing. Plants that were put on the benches about June 10 from 3½-inch pots don't look near as healthy and vigorous as those lifted from the field a week ago.

We don't hear much St. Louis talk locally, but I think we shall have a bowling team. It is pleasant to hear that Mr. Tesson will have charge of the shooting. That assures us a good time. The writer has fired off twenty-five shells today at crow blackbirds that are devouring our cherries. We bagged twenty-seven birds in twenty-five shots, mostly sitting. I mean the birds were sitting, not I.

I wish a shotgun with dust shot would destroy the aster beetle. This pest has again made its appearance in quantity. The crown of the plant wilts and dies. The little beetle is very visible, but knows enough to descend to the ground directly you handle the plant, and the slight damage done to the stem will hardly account for the sudden wilting and drying up of the leaves. We have tried Paris green and hellebore, but not with much success. Please give us a remedy that will exterminate this lively little wretch.

W. S.

LODA, ILL.—The I. C. R. R. Co. will build a greenhouse here for raising plants for use on station grounds.

GLOVERSVILLE, N. Y.—G. W. Pool is adding another greenhouse, 20x85, and is also building a boiler house and office. He recently installed a No. 5 Kroeschell boiler and has a most up-to-date establishment. This season he will have two houses of carnations, one of roses and one of palms and ferns.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE peony Richardson's Rubra Superba has made an appreciable advance in popular esteem this season.

THE pecan industry is growing rapidly and many southern nurserymen find the call for pecan trees a large part of their business.

THE Association of American Cemetery Superintendents meets at Chicago August 24 to 26. There will be a large attendance.

THERE will be large plantings of native rhododendrons, azaleas and kalmias this fall, according to inquiries received by southern shippers.

THE hickory is a tree which is no longer sought, the results having been unsatisfactory in almost all localities where it has been planted.

PLAN the thinning of trees and shrubs and, before the foliage falls, mark those to be removed. The cutting out can be done at any convenient time.

IT is reported that the call for American elm for park work last spring pretty well cleaned up stocks except in one or two large nurseries making a specialty of this tree.

BLACK APHIS.

Could you offer a suggestion as to the best means of killing, as I term it, black aphis? They appear on clematis and hardy chrysanthemums and have infested the plum trees. I have sprayed these plants with water and covered them with tobacco dust, but it seems to do no good. My Jackmanni vine was infested with black aphis. I sprayed with tobacco dust and washed it off the next day. I gave them two applications and the result was that I have killed about three-fourths of the large, old vine. My Rudbeckia Golden Glow has been infested with a red aphis. A local bugologist tells me that this is the same aphis that has attacked the chrysanthemum and the clematis, but the color is due to the plants upon which they feed.

W. W. D.

We would suggest the use of kerosene emulsion for clearing out black, red or green aphis. It can be made as follows: Dissolve one-half pound of any hard soap in one gallon of boiling water; add two gallons of kerosene and churn well with a pump for a few minutes. Use a wooden or earthen vessel. Dilute fifteen times before applying. This emulsion is also very useful for scale insects, for which it may be diluted five times. Whale oil soap will also be found effectual for the pests named. Directions for use are on every package. Sulpho-tobacco soap we can also recommend. An 8-ounce cake is sufficient for four gallons of water. The kerosene emulsion will keep some time but is better fresh. We use both this and the whale oil soap on trees fifty to eighty feet high for aphides and plant lice with best results.

W. N. CRAIG.

THE READERS' CORNER.

A Spite Fence.

I would like to get advice from some florist who has had experience about a board spite fence. I have been in the florist business for about twenty-four years in Winton Place. Two years ago the Cincinnati Chemical Company built a large factory on the west side of my place. Last winter they bought 200 feet more ground on the east side. They want to build a switch track from the Baltimore & Ohio railway to their factory, and to do this they have to get the right of way through my place. They offered but a trifle and I refused to let them go through. Now, to spite me, they put up a tight board fence eight feet high, a distance of 235 feet along my place. My greenhouses are built low, each 160 feet long, and are one foot from the line of the fence. It shades the first greenhouse so badly in the winter season that I cannot grow anything in it. I told my lawyer of this and wanted to get an injunction against the Cincinnati Chemical Company to prevent them from building the fence, but he said he could not do anything for me, because he says people can build fences as high as they want and there is no law that can stop them. This fence was put up the latter part of May.

Will some brother florist tell me what to do to get this fence down, so as not to shade my glass? Would like to hear from one who has had experience in this line.

HERMAN SCHLACHTER.

GLADIOLI AT WORLD'S FAIR.

There will be a special exhibition of gladioli at the Horticulture building at the St. Louis World's Fair August 6 to 17. Entries must be in the hands of Superintendent Hadkinson not later than August 3. There are fifteen classes, as follows:

Collection of white and light varieties; six of each variety.
Collection of pink varieties; six of each named variety.
Collection of red or scarlet; six of each named variety.
Collection of striped or variegated; six of each named variety.
Collection of yellow; six of each named variety.
Collection of scarlet and pink, white throat, six of each named variety.
Collection of blues in clematis, lilac and heliotrope shades; six of each named variety.
Collection of named varieties; six spikes of each.
Collection of Lemoine's type of hybrids, named variety; six spikes of each.
Collection of Groff's type of hybrids, named variety; six spikes of each.
Collection of Childsii type of hybrids, named variety; six spikes of each.
Collection of Gandavensis type of hybrids; named variety; six spikes of each.
Display of all colors and types; not less than 500 spikes.
Collection of varieties of 1900 and 1901; any type, named variety.
Collection of unnamed seedlings; not less than fifty spikes of either Groff's, Ingleside, Childsii or Gandavensis types.

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With supplies of the best stock the market affords at this season of the year. Your orders will receive as careful attention as ever.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75

	Per 100
Brides and Maids	$3.00 to $5.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Asters	1.00 to 2.00
Valley	4.00
Marguerites	.50 to .75
Sweet Peas	.25 to .40
Auratum lilies, doz.	$1.25 to $1.50
Longifloruma, doz.	$1.00 to $1.50
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 4.00
Ferns	per 1000, $1.00 .15
Galax	per 1000, $1.25 .15
Adiantum	.75 to 1.00
Smilax	per doz., $1.25

Subject to change without notice.

ST. LOUIS.

The Market.

The week just past was very quiet in the cut flower line. At the wholesale houses very little shipping trade is going on, and about the only thing that keeps the trade alive now is funeral work, and even that seems to be slow. There are very few social affairs given at the World's Fair grounds just now, and so we are in summer stillness, which gives us plenty of time to look after convention affairs.

In the market there are a lot of roses of fair quality just now—in fact, too many for the demand. Brides, Maids and Kaiserins are plentiful and fairly good stock can be bought for $3 and $4 per 100. Liberty, Meteor and short Beauties run about the same in price. Very few good long Beauties are seen. In carnations, the market is somewhat short of fancy stock and not any too many of the common grades. The average price is about $1.50 per 100, though a few fancy bring $2. The common grades do not bring over 50 cents to $1 per 100.

Sweet peas were a little scarce the past week, owing to the heavy rains, which spoiled thousands of them. A few dry days will again see them plentiful. The outdoor flowers, such as gladioli, asters, tuberoses and cornflowers, are plentiful. Some excellent lily of the valley is going begging for want of demand. Smilax is in demand, and so are other greens, with fancy ferns a little scarce.

Club Meeting.

The July meeting of the Florists' Club was large and harmonious. The afternoon was warm, but thirty-five members were on hand. After the regular routine work, the chairmen of the different S. A. F. committees reported that all arrangements were completed for receiving and entertaining the S. A. F. members during the convention next month. The applications for membership were numerous. The following were elected: C. Winters, W. E. Robinson, John Nyflot, Charlie Schonelle, Arthur Y. Ellison, Nic Himmer, John Himmer, J. S. Secketer, H. M. Schisler, George S. Walters, Geo. M. Ostertag and Harry Young, making fourteen in all. This makes the membership of the club ninety-one. Nine new applications were promised by next meeting, making 100 members by the opening of the S. A. F. convention.

The nomination of officers resulted as follows: For president, Otto G. Koenig and Chas. A. Juengel; for vice-president, Carl Beyer, W. J. Pilcher and Henry Ostertag; for secretary Emil Schray; for treasurer, F. H. Meinhardt and J. W. Dunford; three trustees, Theo. Miller, George Windler, Fred C. Weber, E. W. Guy, Theo. Klockenkemper and Frank Weber.

James W. Dunford read an essay on "Greenhouse Building and Help," which was well received and quite a discussion followed. At the next meeting of the club, August 11, the election of officers will take place. The date will be just four days before the opening of the S. A. F. convention, when the largest attendance of the year is expected.

Various Notes.

William Ward Tailby and bride, of Wellesley, Mass., spent a week of their honeymoon in St. Louis. Mr. Tailby found time to call on the trade.

A. F. J. Baur, of Indianapolis, Ind., whose notes are so much looked after in the REVIEW, in company with Mrs. Baur, visited the World's Fair last week. They also made the rounds of the trade.

After the club meeting on last Thursday a special bowling match was arranged between Theo. Miller, Carl Beyer, C. A. Kuehn and Frank Ellis. Kuehn and Ellis won all four games. Theo. Klockenkemper, who accompanied them, showed some ability as a bowler.

Mr. and Mrs. F. M. Ellis returned Wednesday night from a week's fishing trip at Whitehall, Ill., and report a big catch of fish every day.

J. J. BENEKE.

The S. A. F. Convention is close at hand and everyone is interested in knowing all about

What You Will Show

in the Trades' Display or at the World's Fair. Tell them about it in the next few issues of

The Review

THE S. A. F. PROGRAM.

Since our last issue the program of the S. A. F. meeting at St. Louis has been altered in one or two unimportant details. The meeting of the Florists' Hail Association will be held at two o'clock on Thursday and the Carnation Society will meet at four o'clock the same day. This will be while the shooting is in progress.

CATALOGUES RECEIVED.

S. A. Van Konijnenburg & Co., Noordwijk, nr. Haarlem, Holland, bulbs; H. Beaulieu, Woodhaven, N. Y., onion and pansy; E. H. Hunt, Chicago, insecticides.

WORCESTER, MASS.—Hugo Book is building a greenhouse 23x175 at an estimated cost of $2,500.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

EUROPEAN flower seed crops in general promise well.

D. E. WITTPENN, of McHutchison & Co., New York, is in Europe.

REPORTS continue to come to hand of damage to the sweet pea crop in California.

THE harvesting of onion sets is in progress on early fields in the Chicago district.

REPORTS from the Pacific coast are to the effect that pole beans are likely to make a good crop.

THE onion maggot is doing serious injury to the crop throughout the marsh sections of Ohio and Indiana.

THE Leonard Seed Company has finished harvesting its Pearl onion sets. It is considered an early harvest for such a late spring.

VISITED CHICAGO: J. T. Huntington and T. V. Page, of Huntington & Page, Indianapolis; Frank Rue, with J. C. Murray, Peoria, Ill.

WORD has been received from the Harry N. Hammond Seed Company that Mr. Hammond is no longer connected with the business.

THE dry, hot weather of the past week will shorten the onion set crop at Chicago many thousand bushels. It will add to what is termed quality, however.

MESSRS. HUNTINGTON & PAGE, of Indianapolis, who are somewhat interested in onion sets, inspected the Chicago set fields, in company with S. F. Leonard, July 19.

EXTREME dry weather at some of the bean growing points is causing uneasiness. The present is a very critical time, as the crop is just along where weather conditions will either make or break it.

THE World's Fair notices have led to the belief that the great floral clock is one of the works of the landscape department, but, instead, it is the exhibit of the St. Louis Seed Co. It is probably the most widely discussed exhibit on the grounds.

THE blight, or aphis, or whatever it is, is causing the pickle vines to dry up just as they did last year. This will cause the same shortage of pickles and also of the seed crop as has prevailed the past two years unless a remedy of some sort is discovered speedily.

THE general chairman of the membership committee of the American Breeders' Association, Eugene D. Funk, Bloomington, Ill., is progressing with his campaign for a large membership for that new organization. A life membership has been received from Philip de Vilmorin, Paris, France. Annual membership is $1 a year, life membership $20.

CORN TO PLANT.

Referring to recent notes on this subject, published in these columns, P. G. Holden, professor of agronomy at the Iowa Agricultural College and Experiment Station, writes:

"Our experiments would all indicate that the butts and tips should be shelled off. First, because it is impossible to secure a good stand with any planter when they are shelled in with the rest of the corn. Second, even if the stand should be secured, they give a lower yield of corn. Last year we shelled off about an inch from the tips and about two-thirds of an inch from the butts and then planted these by hand, putting three kernels in each hill of both the butts, middles and tips. The yields were fifty-nine bushels for the butts, sixty-six and two-thirds bushels for the middles and fifty-five bushels from the tip kernels. It so happens that one or two of the varieties of corn that are best filled out at the butts and tips, have had the butts and tips removed for some forty or fifty years. I will say further, that there seems to be no good evidence at hand to show that corn would be improved by leaving the butts and tips on, in fact there is every reason to believe that it would tend to reduce the vitality of the corn somewhat."

C. G. Hopkins, professor of agronomy of the University of Illinois and Experiment Station, writes:

"Investigations relating to the selection of seed corn sustain the opinion which I think is commonly held by Illinois seed corn breeders, namely, that the only good reason for discarding tip and butt kernels is that they will plant more uniformly and thus insure a more even stand, on account of the kernels from the main part of the ear being all about the same size while the tip and butt kernels are commonly irregularly shaped and of a different size."

MILLEPEDS.

Enclosed find a little box containing a few worms which have been giving us quite a little trouble for nearly a year in our greenhouse, especially in the smilax. At present there are thousands of very small ones in the smilax bed and quite a number of the plants are dying. We do not find that they trouble the plants above the surface of the bed. They do not appear to work during the day but are very much in evidence after dark, climbing over the benches and other parts of the house. Can you tell us what to apply to rid the house of them? N. C. G.

The worms in question are variously known as millepeds, myriapods, or thousand-legs, the scientific name of which is julus, there being several varieties of this species. This pest is quite a common one in greenhouses and sometimes becomes very plentiful. While they have been credited with living upon decayed vegetable matter only, yet I believe that they also attack living vegetable matter, such as the young fronds of adiantums and other tender organisms, and it is quite probable that the millepeds have troubled the smilax also.

The best remedy that I have discovered, and that was discovered accidentally, is thorough fumigating with aphis punk, this preparation being used in the proportion of six to eight rolls of the punk to a house 24x100 feet, and the house being fumigated on two successive evenings, with the result that very few live millepeds could be found afterward. W. H. TAPLIN.

SPIDER ON ARAUCARIAS.

I am sending a few branches cut from my Norfolk Island pines and would like to know what the trouble is. I have heretofore been successful with these plants, but now they are all more or less affected. The branches seem to dry up, turn brown and die. M. R.

An examination of the araucaria branchlets that accompanied this query seems to show that the plant has been kept in a warm house and in rather too dry an atmosphere, under which treatment it has been attacked by red spider, the marks of this insect being abundant on the leaves of the specimens.

Araucaria excelsa enjoys moderately cool treatment, with abundant moisture, a night temperature during the winter of 50 degrees being better for this plant than warm house culture.

The plant may be cleaned of red spider and also of thrips, some of which may be present, by dipping two or three times at intervals of a week in moderately strong tobacco water, to which has been added a thumbpot of flowers of sulphur to a bucket of the tobacco extract. A similar potful of rose leaf extract of tobacco to a bucket of water would provide a solution quite strong enough for this purpose, this being a more reliable way of preparing tobacco water than the old method of steeping or boiling the stems. After dipping, the plant should be laid down on its side in order to avoid the mixture running down the stem to the roots, the tobacco and sulphur preparation being liable to do injury to the soil. W. H. TAPLIN.

BROOKLYN, N. Y.—F. Maukee is building a greenhouse 20x100 to cost $3,000.

Pansy Seed.

A distinct and most beautiful race, which for size of blooms, diversity of colors and robust growth is unrivalled. The flowers are much larger than the ordinary pansies, whilst the form colors and markings are what a celebrated French grower terms "quite remarkable."

THE FINEST STRAIN IN CULTIVATION.

Far superior to any other English, French or German selections.

Price $4.00 per oz. $1.00 per pkt. Postage paid. Dollar notes accepted in payment.

The Surrey Seed Co., Ltd.,
REDHILL, ENGLAND.
Mention The Review when you write.

ATTENTION! Orchid Growers

Just received direct from the Tropics

ONCIDIUM VARICOSUM ROGERSII

Strong imported plants, $1.75 each; $18.00 per doz.; $125 per 100.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 342 W. 14th St., **NEW YORK.**

Mention The Review when you write.

FLORISTS' FLOWER SEEDS for Present Planting.

MIGNONETTE—DEFIANCE, packet 2000 seeds, $1.00; ½ pkt., 50c.

STOCK—S. & W. CO.'S IMP. GIANT PERFECTION, pkt., 25c; ¼ oz., $1 50; per oz., $5.00. STOCK—BEAUTY OF NICE, pkt., 25c; 5 pkts., $1.00. PANSY—NON PLUS ULTRA, pkt., 25c; ¼ oz, $1.50; per oz., $5.00.

For other seed, etc., send for catalogue. **STUMPP & WALTER CO., 50 BARCLAY ST., NEW YORK.**

Mention The Review when you write.

Thorburn's Bulbs

We are now prepared to quote

Lilium Harrisii,
Lilium Longiflorum,
Dutch Hyacinths,
Roman Hyacinths,
Paper White Narcissus,
Tulips and other Bulbs for Florists.

Send for prices stating kinds and quantities required.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Cineraria Grandiflora.

TALL .....Finest Mixed, per pkt., 50c.
SEMI-DWARF....Finest Mixed, per pkt., 50c.
STELLATA.....Finest Mixed, per pkt., 25c.

Pansy, Superb Mixed.

⅛ oz., 75c; per oz., $5.00.
Choice Mixed, per oz., $2.00.

W. C. Beckert, Allegheny, Pa.

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,
1409 W. Madison St., CHICAGO.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

RAWSON'S Arlington Tested Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

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Always Mention the....
Florists' Review
When Writing Advertisers.

ENGLISH PRIZE STRAINS
Calceolaria, Cineraria and Chinese Primrose

Are unsurpassed for size and brilliancy of color. If you have been growing the American seed you will have a startling revelation when you behold these **Incomparable English Strains.**

ENGLISH PRIZE MIXED CALCEOLARIA AND CINERARIA,
Half trade packet ... 50c. Trade packet .....$1.00.

PRIMULA (Chinese Primrose)—ENGLISH PRIZE FRINGED MIXED,
Per 100 seeds..... 25c. 500 seeds..... $1.00. 1000 seeds.....$1.50.

CYCAS STEMS—LONG LEAVED VARIETY,
10c per lb.; 10 lbs. 80c; 25 lbs., $1.75. 100 lbs., $6.50; per case (300 lbs.) $18.00.
Stems range in weight from 1 lb. to 10 lbs.

Prices of **FREESIA, FRESH MUSHROOM SPAWN AND FRENCH AND DUTCH BULBS** quoted upon application.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

Michell's Mignonette

Our Strain is the Original Allen's Defiance Mignonette celebrated all over the Country for its magnificent Spikes of bloom. We offer this grand seed in original packages direct from the grower. **Half size, 50c each; full size, $1.00 each.**

Henry F. Michell Co., 1018 Market St., **Philadelphia**

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D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

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Burpee's Seeds Grow

Mention The Review when you write.

THE ASTER BEETLE.

One of the best known aster pests is the slender, lively black beetle (Epicauta Pennsylvanica) which attacks the blossoms. If left unchecked they soon destroy every flower when at all prevalent. Thorough hand picking has been our best remedy and if done every day is not a great task even in a large bed.—Geo. E. Stone, in bulletin of Hatch Experiment Station.

Elmira, N. Y.—The United States Cut Flower Co. had its Meteors all planted last week and now the Beauties are in, with good progress being made on the teas. J. J. Curran, the superintendent, is visiting Buffalo, Toronto and Brampton this week.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Large greenhouse together with 40 acres of land, near Erie railroad station; shipping facilities first-class; good roads; situated at Vail's Gate, about 4 miles from Newburgh, N. Y.; sold on account of death in family. Wm. Miller, Vail's Gate, Orange Co., N. Y.

FOR SALE—Greenhouse, 2500 feet of glass; a bargain; good location; business established; owner in failing health. For particulars address S. A. Noble, El Dorado, Kans.

SITUATION WANTED—By a first-class grower to take charge of the growing end of a small place; state wages without board. Address Wm. Kirkham, 3847 State street, Chicago, Ill.

SITUATION WANTED—By thoroughly experienced grower of palms, ferns and bedding plants; orchids a specialty; Englishman; age 25. Address No. 186, care Florists' Review, Chicago.

WANTED—A single man to take charge of a rose section; $30.00 per month, room and board; will raise wages first month to right man. Kranz Floral Co., Ottumwa, Iowa.

FOR SALE—On leased ground, at a bargain, greenhouses, dwelling, barn, sheds, etc., with 5½ acres leased land cultivated with vegetables; have a well established 12 year local business in vegetables and a very good local as well as a shipping trade in pansies and bedding plants; call or write for descriptive circular; can be bought with or without growing crop and stock plants; if not sold will take a good active partner capable of running the business; will sell for less than half value. Ludvig Mosbaek, 8500 Anthony Ave., South Chicago, Ill.

FOR SALE—Four greenhouses, heated by hot water, well stocked; good retail business; 4 railroads; in city of 10,000 in Indiana; fine dwelling, 7 rooms and bath; plenty of good soil; good reason for selling. Address No. 188, care Florists' Review, Chicago.

WANTED—A young man for greenhouse and store; send references; wages $12.00 and room. H. F. Halle, 548 W. Madison St., Chicago.

WANTED—A man that can get around to take charge of cemetery work in one of our largest cemeteries. Koenig Floral Co., 6471 Florissant Ave., St. Louis, Mo.

FOR SALE—500 ft. 5-inch greenhouse pipe, new, never been used. Geo. Reinberg, 51 Wabash Ave., Chicago, Ill.

FOR SALE—Weathered No. 5 boiler, in good condition; will heat 1000 feet 4-inch pipe; price, $50. Nemaha Greenhouses, Seneca, Kans.

SITUATION WANTED—As gardener on private place. Address No. 189, care Florists' Review, Chicago.

FOR SALE—One Page No. 30 hot water boiler, brick set; capacity 1825 feet; used 3 seasons; practically as good as new. For price address G. W. Pool, Gloversville, N. Y.

FOR SALE—Greenhouse built last year; 8000 ft.; 2½ acres ground; 50 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

WANTED—A second-hand first patent Carmody boiler. Address L. Heinl, Terre Haute Ind.

FOR SALE—Greenhouse, dwelling-house, furniture, etc.; lot 110 feet square; only greenhouse in Union Co.; must sell. For particulars write Box 637, La Grande, Oregon.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED—To buy 5000 to 15 000 ft. of glass with few acres of land. Address P. O. Box 261, Lee, Mass.

FOR SALE—Central Valley Greenhouse plant, Toughkenamon, Chester Co., Pa., consisting of 2 houses 100x20 ft. and 1 house 100x10 ft., nicely located on steam and trolley roads; all in complete order; will sell at a bargain or will rent from one to two years with option of buying during lease; poor health only cause for selling; a splendid chance for party with experience and small capital. Call on or address H. P. Owen, Toughkenamon, Pa.

WANTED—S. H. H. W. heater for 1000 to 1200 ft. glass. Address W. T. Wilson, Rockland, Mass.

FOR SALE—Some 10x14 and larger double thick glass at $2.60 per box. W. H. Salter, Rochester, N. Y.

FOR SALE—Twenty-five 1¼-inch brass gate valves in perfect condition. $1.00 each. J. A. DeMar, Silver Lake, Mass.

WANTED—At once, a young man as assistant in greenhouses; send references and state wages with room and board. J. Sanstrom, Momence, Ill.

WANTED—Competent single German gardener with special knowledge of carnations and hotbeds; state experience and wages with furnished room. South Bend Floral Co., South Bend, Ind.

WANTED—Competent man for general greenhouse work; good salary; references. Address E. C. Henry, Frankfort, Ky.

SITUATION WANTED—As foreman by a first-class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 184, care Florists' Review, Chicago.

FOR SALE—Second hand Boynton hot water heater, six sections, will heat 1500 lineal feet 2-inch pipe; warranted sound and practically as good as new. Price f. o. b. Randolph, $50 cash. H. M. Totman, Randolph, Vt.

WANTED—Six greenhouse valves to use on 4-inch soil pipe, must be in good condition and state the price. D. C. Noble, Columbia City, Ind.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—14,000 feet of glass; well paying, in thriving town with six railroads, in central Indiana natural gas belt; best rose soil in country; large stock, in full running order; on time, at a bargain as the owner wishes to retire. Address No. 178, care Florists' Review, Chicago.

FOR SALE—8000 feet of glass, well stocked; two acres; good five-room cottage; city water; telephones; wagon and tools; can sell everything you grow; in city of 6000 in Missouri; poor health reason for selling. Address No. 185, care Florists' Review, Chicago.

WANTED—A competent man to take charge of private place for a customer of ours; must thoroughly understand lawns, bedding and vegetables, as well as the care of hotbeds and cold frames. State all particulars, age, single or married, salary expected, etc. No attention paid to letters without testimonials. Lindsay Floral Co., Birmingham, Ala.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. 149, care Florists' Review, Chicago.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot. Also some 4-inch. W. H. Salter, Rochester, N.Y.

WANTED—By September 15 or October 1, an experienced propagator to take full charge of three houses devoted to the growing of a general line of nursery stock from soft and hardwood cuttings. Address with particulars F. & F. Nurseries, Springfield, N. J.

WANTED.

At once, good all-round florist, married, to take charge on shares of a 10,000 square foot greenhouse; mostly carnations. Address at once, with references,

No. 187,
Care Florists' Review, Chicago.

WANTED

Immediately; a first class Tea Rose grower.

DALE ESTATE, BRAMPTON, ONTARIO.

Wanted—Fireman

Strictly temperate. Understanding steam and hot-water. One who has had experience in greenhouse firing. Must come well recommended. Address

The Elizabeth Nursery Company,
Elizabeth, N. J.

WANTED.

A good reliable man, capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.

J. F. WILCOX, COUNCIL BLUFFS, IA.

For Sale.

3 Greenhouses; new boiler; double thick glass; fine order; doing good business. Sold at **great sacrifice.** Size of each 120 x 26 ft.

A. A. NALL, care Gen'l Delivery,
DETROIT, MICH.

A FIRST-CLASS

Top Delivery Wagon

For Sale. Can be used by commercial grower or retail florist.

Also a first-class **TWO-SEATED WAGON.**
Apply to **CHARLES MILLANG,**
50 West 29th St., NEW YORK CITY.

WANTED.

Boston Ferns—good medium sized stuff from bench or pots. Also Pandanus Veitchii cuttings or plants, small and medium. State number, size and price.

JOHN WELSH YOUNG,
Germantown, Philadelphia, Pa.

NOTICE!

My Son, CARL H. OELSCHIG, has acquired an interest in my busines and hereafter the firm name will be **A. C. OELSCHIG & SON.**

A. C. OELSCHIG, Savannah, Ga.

July 18, 1904.

SAMUEL S. PENNOCK,

Summer Roses. **Beauties, Kaiserins, etc.** Wholesale Florist, **1612 Ludlow St., PHILADELPHIA.**

Mention The Review when you write.

ROSES, CARNATIONS AND SWEET PEAS **EUGENE BERNHEIMER**

WHOLESALE FLORIST, 11 South 16th St., **PHILADELPHIA.**

Mention The Review when you write.

BERGER BROTHERS, Roses and Sweet Peas.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. **PHILADELPHIA.**

Mention The Review when you write.

FERNS AND GALAX LEAVES.

A-No. 1 Bronze Galax Leaves.....$1.00 per 1000.
Fancy and Dagger Ferns..... 1.00 "
English Ivy Leaves..... 5.00 "
Sphagnum Moss.....60c per sack.

TIN FOIL, LETTERS AND ALL STAPLE FLORISTS' SUPPLIES

H. L. MENAND, 34 William Street, ALBANY, N. Y. Telephone.

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Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1 00 each.

Ficus Elastica--(Belgium) 4-inch pots, 25c. Home-grown 5 to 5½-inch pots, 7, 8, 9, 10 leaves, 30c. 35c, 40c to 50c.

Asparagus Plumosus—3-inch, strong, $8 00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, 15 and 20 leaves, 8 cents a leaf.

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Philadelphia, July 20.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	5.00 to 6.00
" Seconds	2.00 to 3.00
Liberty, Firsts	8.00 to 10.00
" Seconds	2.00 to 6.00
Cattleyas	50.00
Carnations, Commons	1.00
" Fancy	1.50
" Novelties	2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Asters	.75 to 1.50
Lilium Auratum, doz.	1.00 to 1.50
" Harrisii, doz.	.75 to 1.00
Lily of the Valley	2.00 to 4.00
Gladioli	3.00 to 6.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50

YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.



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30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	3 00 to 6 00
Golden Gate	3 00 to 6 00
La France	4 00 to 6 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

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New York, July 18.

		Per 100
Beauties, Specials	$ 8.00 to	$12.00
" Extra	4.00 to	6.00
" No. 1	2.00 to	3.00
" Shorts	1.00 to	2.00
Brides and Maids, Specials	3.00 to	4.00
" " Extra	2.00 to	3.00
" " No. 1	1.00 to	2.00
" " No. 2	.50 to	1.00
Golden Gate	1.00 to	4.00
Liberty	1.00 to	8.00
Orchids, Cattleyas	40.00 to	60.00
Carnations, Common	.25 to	.50
" Selects	.50 to	.75
" Fancies	.75 to	1.00
" Novelties	1.00 to	2.50
Adiantum Cuneatum	.25 to	.35
" Croweanum		1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	6.00 to	10.00
Gladioli	1.00 to	4.00
Lilium Auratum	2.00 to	3.00
Lily of the Valley	1.00 to	3.00
Smilax	6.00 to	8.00
Stocks, bunch	.01 to	.03
Sweet Peas, "	.01 to	.02

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Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

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Pittsburg, July 20.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	12.00 to 15.00
"	No. 1	6.00 to 10.00
"	Shorts	4.00
Brides and Maids,	Specials	6.00
" "	Extra	5.00
" "	No. 1	8.00 to 4.00
" "	No. 2	1.00
Carnot		1.00 to 3.00
Kaiserin		1.00 to 8.00
Liberty		2.00 to 4.00
Carnations,	Common	.50 to .75
"	Selects	1.00 to 1.50
"	Fancies	1.50 to 2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	30.00 to 50.00
" "	Sprays	1.00 to 3.00
"	Sprengeri, "	1.00 to 3.00
Asters		1.00 to 3.00
Gladiolus		6.00 to 10.00
Lilium Longiflorum		6.00 to 10.00
Lily of the Valley		2.00 to 4.00
Smilax		10.00 to 15.00
Sweet Peas		.25 to .50

I LOOK for the REVIEW on Sundays just as I do my meals and could do without one as well as the other.—FRANK IMBACH, Newport News, Va.

AM WELL pleased with the REVIEW, particularly with Mr. Scott's notes.—H. HUEBNER, Groton, Mass.

THE instruction in the last REVIEW alone pays me for many years' subscription.—S. DUMSER, Elgin, Ill.

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Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
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Aspidistra
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Chicago, July 20.

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Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" Shorts per 100	$4.00 to 6.00
	Per 100
Bridesmaids, Specials	$4.00 to $ 5.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 5.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
La France	5.00 to 6.00
Carnations, Fancy	1.50 to 2.00
" Common	.50 to 1.00
Asters	1.00 to 1.50
Sweet Peas	.15 to .40
Easter lilies, $1.00 to $1.50 per doz.	
Auratums doz.	1.25 to 1.50
Water Lilies	1.00
Valley	4.00 to 5.00
Asparagus strings	40.00 to 50.00
" sprays per bunch	.35 to .50
" Sprengeri	3.00 to 4.00
Smilax per dozen	1.25
Galax per 1000	1.25
Ferns per 1000	1.00

I LIKE the REVIEW very much and do not wish to be without it.—J. W. CROPPER, Akron, O.

WE highly value the REVIEW, indeed we cannot dispense with it.—F. H. DE WITT & Co., Wooster, O.

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Wholesale Cut Flower Prices.

St. Louis, July 20

		Per doz.
Beauties, Specials	$1.50 to	$2.00
" Extra	1.00 to	1.25
" No. 1	.50 to	.75
" Shorts	.35 to	.50
		Per 100
Brides and Maids, Specials	$4.00 to	$5.00
" " Extra	2.00 to	3.00
" " No. 1	1.00 to	1.50
Kaiserin	3.00 to	4.00
Liberty	3.00 to	5.00
Meteor	3.00 to	4.00
Perle	2.00 to	3.00
Carnations, Common	.75 to	1.00
" Fancies	1.50 to	2.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	1.50
Asters	1.50 to	2.00
Gladiolus	3.00 to	4.00
Lily of the Valley	2.00 to	3.00
Smilax	15.00 to	18.00
Sweet Peas	.15 to	.25
Tuberoses	3.00 to	4.00

I WOULD rather miss a turkey dinner than miss one issue of the REVIEW.—J. E. CONNOR, Coatesville, Pa.

ORLANDO, FLA.—J. F. Allen has been located here four years and now has an acre under cover, doing a nice business. He makes a specialty of Asparagus plumosus for cutting. Variegated pineapples are a novelty seen here.

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

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Wholesale Cut Flower Prices.

Cincinnati, July 20.

		Per 100
Beauties, Specials		$25.00
" Extra	$15.00 to	20.00
" No. 1	10.00 to	12.50
" Shorts	3.00 to	6.00
Brides and Maids, Specials		5.00
" " Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	6.00
Meteor	2.00 to	5.00
Perle	2.00 to	4.00
Sunrise	2.00 to	4.00
Carnations, Common		1.00
" Selects	1.50 to	2.00
" Fancies	2.00 to	3.00
Adiantum Cuneatum	1.00 to	1.50
Asparagus Plumosus, Strings	40.00 to	50.00
" " Sprays	4.00 to	5.00
" Sprengeri, "	2.00 to	3.00
Asters	1.50 to	2.50
Callas	8.00 to	10.00
Daisies	.25 to	1.00
Gladiolus	2.00 to	4.00
Lilium Auratum	4.00 to	6.00
Lilium Longiflorum	8.00 to	12.50
Smilax	12.50 to	15.00
Stocks	2.00 to	4.00
Sweet Peas	.15 to	.25

Buffalo, July 20.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" Shorts	1.00 to	3.00
Brides and Maids, Extra		6.00
" " No. 1	4.00 to	5.00
" " No. 2	1.00 to	3.00
Carnot	2.00 to	6.00
Cusin	1.00 to	4.00
Golden Gate	1.00 to	4.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	6.00
Meteor	1.00 to	6.00
Mrs. Morgan	1.00 to	4.00
Perle	2.00 to	4.00
Sunrise	1.00 to	3.00
Carnations, Common	.40 to	.60
" Selects	1.00 to	1.25
" Fancies	1.50 to	2.00
Adiantum Cuneatum	.50 to	1.00
" Farleyense	8.00 to	10.00
Asparagus plumosus, Strings	40.00 to	50.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	3.00
Asters	1.00 to	1.50
Gladiolus	2.00 to	4.00
Lilium Longiflorum		15.00
Lily of the Valley	3.00 to	5.00
Smilax	10.00 to	15.00
Sweet Peas	.10 to	.20
Water Lilies	.50 to	2.00

KANSAS CITY, KAN.—J. S. Short lost his two-months-old daughter July 11 and has the sympathy of all his acquaintances.

MINNEAPOLIS, MINN.—There is much complaint that thieves are despoiling the flower beds in all sections of the city, and there has been much more bedding out than usual. Some of the florists are anxious that an example be made of an offender, for it is not generally understood how serious is this vandalism. A state law makes it grand larceny to steal growing plants of any kind.

PETER WEILAND,

Wholesale Grower of CUT FLOWERS,

ROSES, CARNATIONS AND FERNS A SPECIALTY.

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Solicits your orders with confidence that he can serve you to your entire satisfaction.

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Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

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Telegraphic orders forwarded to any part of the United States. Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE.
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ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited.
Orders from out-of-town FLORISTS for STEAMERS, COMMENCEMENTS, RECEPTIONS, etc., receive immediate and careful attention.

Satisfaction Guaranteed. Telegraph, Telephone or Write Us. Satisfaction Guaranteed

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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ORDERS EXECUTED ARTISTICALLY.

Providence, Newport, and adjacent New England Cities.

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Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

Shibeley The Florist,

311 SUTTER ST., SAN FRANCISCO, CAL.

M. A. BOWE,

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Mention The Review when you write.

Vegetable Forcing.

THE GREAT difficulty usually experienced with early-forced strawberries is that of the fertilization of the flowers, especially during sunless days.

INDOOR GRAPERIES.

Making the Borders.

In a former article I gave my ideas regarding what I considered the best size and style of house. The next thing to consider is the making of the borders. In this the first essential point is to provide proper drainage. If the situation is high and dry and the subsoil of a sandy nature the natural drainage might be sufficient, but if there is any danger of the water not having free passage, drains will have to be constructed. The bottom of the border should be made firm and so constructed that it will be highest in the middle and sloping gradually toward the outer edges. About nine inches of broken brick or similar material should be placed on the bottom, this in turn being blinded with old lime rubbish if it can be procured. Under ordinary conditions two drains, one along each of the outer edges of the border, will be sufficient, but it may be necessary with certain subsoils to have drains running from the center of the border at intervals of every eight or ten feet and leading into the side drains. These latter should have sufficient fall to insure the carrying away of all surplus water. In low, damp situations it may even be necessary to cement the bottom of the border to insure against stagnation and to prevent the roots getting down into poor soil, where the moisture in such a situation would naturally draw them. Where cementing is done the bottom should be constructed as recommended above and the same amount of broken brick, etc., used. There is always a possibility of having too much of a good thing and it is quite possible to have too much drainage, as we want the borders to retain the necessary amount of moisture so I would not recommend cementing unless the situation calls for it.

In preparing the compost for filling up the border much will depend on the quality and nature of the soil procurable. Both its mechanical and chemical composition may have to be regulated. Should the soil be of a stiff, binding nature a liberal amount of charcoal and lime rubbish will have to be used to make it freer and less retentive. If, on the other hand, the sod contains plenty of fibre, and the nature of the soil be free and open, nothing but manure need be added; the lighter the soil of course the more manure will be necessary.

An ideal soil for grape vines is a good fibrous loam, neither too light nor too heavy.

Regarding manures, the main object should be to use only such as will make the compost as lasting as possible. Soft manures, such as from the barn yard, should be avoided, as they only act as a souring agent and the virtue they contain is spent before the vines are large enough to utilize it. The ingredients they contain can be supplied later in the form of liquid. Use half-inch bone and horn shavings in proportions of about one ton of bone and 100 pounds of shavings to fifty team loads of soil. There is no necessity for making up the compost any length of time before it is to be used, but it should be well chopped up and the ingredients mixed before being filled into the border. The sod should be taken up just the same as if it were to be used for roses or carnations and the more fibre it contains the better it will be. A layer of sod intact should be placed green side down over the drainage to keep the latter clear until the whole has settled and it is a good plan to have the soil three or four inches higher than the intended level, so as to allow for settling. I don't approve of packing the soil in any way but simply fill it in as above and let it settle of its own weight. If it should settle a little below the level it is easy to add an inch or two as needed.

A theory that is advanced by some growers is to make the border in sections in place of making it all at once. They advocate planting the vines in a section three or four feet wide and adding other sections of a similar width as the growth of the roots requires it, claiming that it saves a loss of manurial elements which would occur by the compost or that part of it in the center of the border lying idle so long before the roots are strong enough to reach it. Though the theory may be all right to a certain extent, I have never seen the advantages claimed for it proven by practical results, and prefer to make the border all at once rather than have it done by patch work. If good, strong vines are planted they will pretty well occupy the whole border the second season after planting and, when the border is made all at once, there is no restriction whatever to the roots.

W. S. CROYDON.

LETTUCE SOIL.

I am emptying my carnation benches and would like to know if the soil in which the carnations grew last season would be good for lettuce if piled outdoors until the latter part of October, with a fourth of manure added?

L. H. W.

Under ordinary conditions the soil from your carnation benches ought to be all right if mixed as you suggest and exposed to the weather until the latter part of October. We have often used old carnation soil for lettuce under similar conditions with good results, only in adding the manure make sure that it is well rotted, as by adding fresh manure you might be adding properties, such as ammonia, which the soil already contains, in excess of what are needed. If liquid or other manures have been applied to your carnation benches, which in all likelihood has been the case, the soil is almost sure to be overcharged with certain ingredients which only a chemical analysis would reveal. Most of us apply manures by rule of thumb and can only judge by the health of our crop whether we are overdosing or not. But a soil that would produce good carnations might not be altogether suitable for lettuce, their softer nature making them rather susceptible to damage through an excess of certain chemical properties in the soil.

If your carnations have been heavily fed it would be better to leave your soil over winter, so that it would not only get washed out but be subjected to the sweetening influence of frost. But if heavy feeding has not been given, then there is little danger of excess of chemical properties in the soil and I would consider it quite safe to use as you suggest. The soil should not be piled too deep and would be benefited by being turned over several times while lying out of doors. W. S. CROYDON.

READING, PA.—Harry Seiders, a former employe of Hoskin & Giles, is under arrest on a charge of having burglarized the place July 9.

PEORIA, ILL.—The local florists have agreed to join the movement for closing all stores on Wednesday afternoons during July and August.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We are having another spell of cool, damp weather, something rather unusual at this season of the year. The effect has been good on both roses and carnations and they have better color and substance than we usually have during this month. Such varieties as Lawson, that are always full of thrip at this time, have been brought well up to color and length of stem. Flora Hill is in full crop in most of the greenhouses and there is no scarcity of white in consequence. The best, fancy varieties are selling at $3 per hundred and the standard sorts bring about $2, while Portia, Scott and Joost can be had at a less price. Many of the rose growers are commencing to dry up their houses and very small cutting is the result. Bride, Maid, Testout, Liberty and Carnot are selling at from $3 to $4 per hundred and Beauties, although the majority of them are poor, are selling at from 75 cents to $2 per dozen. Sweet peas are very good and very plentiful and still bring 50 cents per dozen bunches. Great bunches of goldenrod are being brought in from the country and it makes a very good showing as a decorative flower. A few asters are in market. There has been quite an acreage of asters planted this season and from what I have seen, and from reports by the growers, they are in good shape, and will be as fine and as plentiful as they were last season. This branch of the business has passed almost entirely into the hands of the Chinese gardeners and they sell them at prices that exclude almost anyone else from going into aster or chrysanthemum growing.

Various Notes.

Miss Wollenberg is spending a week's vacation in Los Gatos.

Podesta & Baldocchi are having quite an improvement made to their store in the shape of new and up-to-date show windows.

Thos. Cox arrived from his visit to the eastern states this week. He had a very pleasant trip.

J. T. Shephard, of Oakland, has leased several acres of ground on Prospect avenue with the intention of running it as a nursery as an adjunct to his florist's store.

W. M. Frodden, superintendent of parks of the town of Alameda, has been authorized by the town trustees to import half a million of the Australian lady bird to destroy the cottony cushion scale. G.

HARDY ANNUALS.

For a grower who has plenty of water in the summer, there is considerable money to be made in cultivating hardy annuals. At this season of the year, when greenhouse roses and carnations, especially the former, are not at their best and when there is always a demand for cheap flowers, it is no trouble to have a succession of showy blooms that will go a long way toward paying expenses in the dull season. One of the most satisfactory plants to grow is the Coreopsis lanceolata. This is a perennial, although the best results are obtained from plants that are grown from seed each year. We plant the seed in February and transplant the young plants in the open ground in April. The soil should be well worked up and plentifully manured and given plenty of water. By keeping it well spaded quantities of big, long-stemmed flowers will be produced until late in the fall. The seed pods should be picked off every few weeks to get the full benefit of the plants. Coreopsis bicolor is an annual and is used extensively in decorating, but it is not of such merit as the other variety mentioned.

Gaillardias are grown best from cuttings, as the flowers from plants grown from seed seem to deteriorate easily. Select a good double-flowered plant and the cuttings are easily rooted in February. Long stems and good flowers are, as in the case of the coreopsis, only to be had on the youngest stock. I do not find that the gaillardia is particularly fond of rich or heavy soil and it can be grown in almost any location.

Canterbury bells I have found, when well grown, both the purple and white, were quickly bought up by the retailers. They are of easy growth from seed. This is a flower that has been neglected by the growers, but it is very decorative and a good keeper and the long spikes are an agreeable change from gladioli, a flower that is being grown here in vast quantities.

There is some demand for double dahlias, especially the white varieties. They begin to bloom early in May and until the asters get plentiful several months later, they pay very well. There is not such a demand for stocks the last few years as there was before asters and chrysanthemums became so popular. For many years they were used almost entirely as a foundation in funeral designs, but now only around Decoration day or in the winter season are stocks in any demand. If the plants are raised from seed in time to get them planted by the first of October in the open ground, and the season is not too wet afterwards, it is possible to get continuous pickings of this valuable annual throughout December and January, when they come in very handy after the chrysanthemum season is over.

Candytuft is another flower that at one time was very popular with retailers, but is now grown for Decoration day trade almost exclusively. Sweet sultan, when well grown, is a desirable annual and a good seller. Marigolds are hardly ever seen in the shop windows. Likewise mignonette and daisies have lost their charm and are no longer in demand. Sweet peas, asters, chrysanthemums and violets are entirely in the hands of specialists and the ordinary grower does not handle them to any extent, but this has only been the rule for the past ten years or thereabouts, as it was the custom before that time for every grower to have a patch of each of them.

Violets always were, and always will be, one of the best paying crops that it is possible to grow. But although the novice always looks on this little flower as an easy proposition to raise, it is one of the most difficult to handle at a profit. Eternal vigilance is necessary during the whole year to have the plants in such shape that they will be remunerative. The right location and soil-moisture in the summer and not too much water in the winter, natural protection from extremes during the coldest weather and immunity from red spider and rust in the dry season, are among the many items to consider when about to go into violet culture.

Pansy flowers are not used in the stores here, the plant being confined entirely to garden decoration. Bachellor's buttons are grown by the Italian gardeners and calla lilies grow wild in everyone's back yard in California. They are in some demand during Easter and Decoration week, but the public will not buy them at other times. Both peonies and iris are good paying crops to handle. Neither requires any special treatment and the flowers are usually in good demand at very fair prices. G.

CARROLL, IA.—On July 3 a cyclone struck the greenhouses of N. A. Neilsen and carried away about twenty-five feet of the east end of one house. The other damage was slight.

100,000 CALLA BULBS.

READY TO SHIP

1 inch diameter, $25.00 per 1000 | 2 inch diameter, $45.00 per 1000
1½ " 35.00 " | 2½ " 65.00 "
3-inch monsters, 95.00 "
250 at 1000 rate prepaid to your city.

ASPARAGUS PLUMOSUS NANUS—Strong, 2-inch, $20.00 per 1000. 250 at 1000 rate. Express prepaid. **New Crop GIANT MIXED PANSY SEED**—¼ oz., $1.00; oz.; $4.00. **New Crop IMPORTED SHASTA DAISY SEED**—Trade packet, 25c; $5.00 per oz.; $50.00 per lb. Terms cash with order only.

California Carnation Co., Loomis, Cal.

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Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

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From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

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3041 Baker Street,

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Burbank's Shasta Daisy Seed

New crop. 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

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FIELD-GROWN CARNATIONS

An unusually fine lot of plants. Choice varieties, bushy, full of vigor. A portion of them ready for planting now. List of varieties and prices on application.

ROSES Strong from 2x3-in. pots BEAUTIES $6.00 per 100, 50.00 per 1000 BRIDESMAID & MRS. PIERPONT MORGAN $3.00 per 100, 25.00 per 1000

SAMUEL S. PENNOCK, 1612-18 Ludlow Street, PHILADELPHIA, PA.

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CHOICE

PANSY SEED

Special mixture from named varieties, or colors separate if desired.

Extra Fine Strains

Trade Packet 25c; ¼ oz. 75c; oz. $2.50.

MURRAY'S SEED STORE

Peoria, - - - Illinois

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Pansy Seed.

Brown's Extra Select Superb Giant Prize Pansy Seed, my own growing.

NEW 1904 CROP.

Price mixed, 3000 seeds, $1.00.

¼ oz., $1.50; ⅛ oz., $2.50; 1 oz., $5.00.
¼ lb., $14.00; ⅛ lb., $25.00; 1 lb., $50.00.

Cash with order.

Plants ready September 1.

PETER BROWN, Pansy Grower,

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PANSY SEED.

Perret's finest strain of pansies is the best one to grow. Flowers of extraordinary size with a variety of colors. This year's seed at following prices: 1 oz., $1.00; ⅛-oz., $2.50; pkt., $1.00; ½-pkt., 50 cents. Send for our bulb catalogue before ordering elsewhere.

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WICKHAM PAYS EXPRESS.

250 Note Heads $1.00, 250 Statements $1.00, 250 Envelopes $1.00; all three lots $2.50. 100 visiting cards, name in script, 30 cents, postpaid.

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[By Elmer D. Smith.]

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80 PAGES, 18 ILLUSTRATIONS
TWENTY-FIVE CENTS POSTPAID

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XXX PRIMROSES IMPROVED CHINESE.

Ready for 3-inch pots. Well known as the finest large-flowering fringed varieties grown. Single and Double, named or mixed, $2.00 per 100; extras added liberally. If not specified in order for named colors, all varieties mixed will be sent.

PANSY FINEST GIANTS.

The best large-flowering varieties, critically selected. Mixed, 5000 seeds, $1.00; half-pkt., 50 cts.; per oz., $4.00; highly praised by our many florist customers.

☞ 500 Seeds of GIANT "Mme. PERRET" added to every $1.00 pkt. of Giant Pansy Seed.

DAISY. Finest Double Giant, pure white and rose mixed, 1000 seeds, 25 cts.

Primrose Seed. IMPROVED CHINESE, finest grown large-flowering fringed, single and double, fifteen varieties mixed, 500 seeds, $1.00; half-pkt., 50 cts. Have also the varieties separate.

CINERARIA. Finest large-flowering dwarf, mixed, 1000 seeds, 50 cts.

Cash. All packets contain liberal extra count of seeds.

JOHN F. RUPP, THE HOME OF PRIMROSES, **Shiremanstown, Pa.**

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As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at $1.00 each.

DENYS ZIRNGIEBEL, Needham, Mass.

FIELD-GROWN CARNATIONS.....

30,000 PLANTS.

Enchantress, Queen, Prosperity, Bradt, Lawson, Gov. Roosevelt, Lorna, Glacier, Harlowarden and others. Healthy stock warranted. Delivery any time as desired. Write me for prices.

CHARLES H. TOTTY, Madison, N. J.

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FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

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Field plants, extra strong, $50.00 per 1000.

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59 Wabash Ave., CHICAGO.

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TWO-YEAR-OLD

American Beauty and Liberty Plants

Have a few hundred of each left.

Write **GEO. A. KUHL, Pekin, Ill.**

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10,000 Brides and Maids

A1 stock, ready for planting. 4-in., $100 per 1000.

GRAFTED STOCK. 4-in., Brides and Maids, $20 per 100.

Pittsburgh Rose and Carnation Co.

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CARNATIONS. FIELD-GROWN PLANTS.

First size, $8.00 per 100.
Second size, $6.00 per 100.

Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Stella, Bradt, Maceo, Gomez, Roosevelt, Crane, Adonis.

COLEUS—2½-inch at $2.00 per 100.

Roses 2½-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Golden Gate, Ivory.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

BEGONIA

Gloire de Lorraine

July delivery. 2-in. pots, $12 per 100.

Just from the woods direct:

CATTLEYA GASKELLIANA.

Inquire for prices at once.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock, $12.00 per 100.
3-inch stock, fine specimen, 35.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

SMILAX. 1000 nice plants, 2-inch pots, $1.25 per 100. 25,000 **Asp. Plumosus Nanus**, 2-inch pots, $2.50 per 100. Cash.

Jos. H. Cunningham, Delaware, Ohio.

CINCINNATI.

The Market.

This is the week of the Elks' great reunion. The city is gay with flags and white and purple bunting and the streets are thronged with strangers. A fine program of entertainments has been planned and there will be great things doing. All of this has helped out the florists' business a good deal and the demand for all kinds of stock, but especially the best quality, is first class.

Carnations have advanced in price several points and are very scarce at that. They will be virtually out of the market in a few days. Roses also are scarce, but some of very fair quality are to be had. Some very good Beauties are coming in and they are quickly disposed of. Brides and Maids are poor, but they sell anyway. Liberties and Kaiserin continue good and much in demand.

Sweet peas are not quite so much in evidence, but there are still more of them than can be disposed of. Some fine gladioli are in the market and they sell well. A few lilies are also good property. Some first class asters are coming in and with the extra demand this week they will be mighty handy.

Various Notes.

There were several openings of amusement places and cafes the past week and many flowers were used. Julius Baer made a very effective outdoor decoration for one new cafe. He used very heavy festooning of oak leaves and it was very pretty.

Theo. Bock, of Hamilton, is an Elk and he will be in this city with the home lodge. Each member in the parade Wednesday will wear a pink carnation.

Fred W. Kelsey, of Orange, N. J., member of the park extension board of that city, was a visitor this week. He was shown over our parks by Supt. Critchell and expressed himself as greatly pleased with the amount of work that was being done on the small amount of money that is allowed for park maintenance. C. J. Ohmer.

Fergus Falls, Minn.—S. N. Mehlin is building a cement lined cellar under an addition to his greenhouse establishment which he proposes to use as a celery bleaching department.

$20 ROSE PLANTS $20

To make room and quick sale 28,000 good, clean and healthy stock; large plants, been shifted twice. The following varieties only at $20.00 per 1000; less at same rate. Perles, Bridesmaids, Brides, Liberty and Ivory.

GEO. REINBERG, 51 Wabash Ave., CHICAGO, ILL.

A. Plumosus Nanus.

2-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Mention The Review when you write.

ROSES.

10,000 3½ and 2½-in. Maids, $10 and $20.00 per 1000
10,000 3½-in. Brides ..... 40.00 "
10,000 3 and 3½-in. Beauties .. $5.00 per 100, $45.00 per 1000. 2½-in. Beauties .... $35.00 per 1000 "
2,500 3½-in. Gates ..... 40.00 "
500 3½-in. Franz Deegen ..... 4.50 per 100
1,500 3½-in. Perles ..... 4.50 "
15,000 2½-in. Stevia ..... 2.00 "
Stevia R. C. ..... $1.50 per 100, 12.00 per 1000

R. C. of Ivory, Murdock, Willowbrook, Christmas Shrimpton, Intensity, Parr, Jones, Wilidin, Bonnaffon, Pacific, Halliday, Sunshine, Appleton, Richardson.

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Mention The Review when you write.

15,000 EXTRA FINE ROSE PLANTS

3-inch pots, propagated for our own use, Bride, Bridesmaid, Golden Gate, Ivory, Meteor, $4.00 per 100; $35.00 per 1000.

A. GUDE & BRO.

1124 F Street N.W., WASHINGTON, D. C.

Mention The Review when you write.

GOOD ROSES.

Kaiserin 3 inch ..... $6.00 per 100
Sunrise, 3-inch ..... 8.00 "
Clean, healthy, young plants. CASH with order, please.

CHARLES E. MEEHAN,

Musgrove and Slocum Sts., GERMANTOWN, PA.

Mention The Review when you write.

3-inch ROSES Splendid Strong Stock Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Beauties	5.00	45.00
Perles, very fine	5.00	50.00
2½-INCH.		
Brides, Ivory	2.50	20.00
Beauties	3.00	25.00

Very low prices for very choice plants. Order at once. Stock will not last long at such prices.

W. H. GULLETT & SONS, Lincoln, Ill.

Always mention the Florists' Review when writing advertisers.

Rose Plants

	Per 1000
1500 Liberties	$80.00
1000 Brides	70.00
500 Maids	50.00

Extra large and well grown stock.

CHRYSANTHEMUM PLANTS

600 White Bonnaffon
250 Yellow Bonnaffon
300 Col. Appleton
200 Robert Halliday
300 Pink Balsley

Extra large and well grown plants, $2.00 per 100.

LEO NIESSEN, 1217 Arch St., Phila.

Mention The Review when you write.

Rose PLANTS

Strong Stock from 2½-in. pots.

Low Prices to close out.

UNCLE JOHN

The finest pink rose yet introduced, beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$3.00	$25.00
Sunrise	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Golden Gate	2.50	20.00

3-INCH POTS.

	Per 100	1000
Chatenay	$5.00	$40.00
Maid	3.50	30.00
Bride	3.50	30.00
Golden Gate	3.50	30.00

ONE-YEAR-OLD PLANTS From Benches.

American Beauty

$5.00 ... per 100; $40.00 ... per 1000

	Per 100	1000
Liberty	$5.00	$40.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

Chrysanthemums!

THE NEW ONES!

They are going to be the winners this fall for both commercial and exhibition purposes. As stated in our advertisement of last week, if you want to get into the first row you want to put them in now, and we are offering the full list as advertised in last week's paper.

These plants are fine 2½-inch stock, and are sure to give satisfaction. **$3.00 per dozen**, assorted kinds. Same rate for entire lots of one or more each. No orders filled for less than one dozen.

Have also a few of the standard sorts on hand, such as Estelle, the best early white; Polly Rose and Mrs. Murdock, a fine, all-around pink, at **$2.50 per 100; $20.00 per 1000.**

CASH WITH THE ORDER.
SATISFACTION GUARANTEED.

"CRITCHELL'S"
Avondale, :: Cincinnati, Ohio.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00 per 100	$50.00 per 1000	
Queen Louise	6.00	"	50.00	"
Mrs. Geo. Bradt	6.00	"	50.00	"
Norway	6.00	"	50.00	"
Estelle	6.00	"		
Flora Hill	5.00	"	40.00	"
Joost	5.00	"	40.00	"
Genevieve Lord	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots.....$8.00 per 100
Golden Gate Roses, strong, 4-in. pots 8.00

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

Field-Grown Carnations.

Strong Healthy Plants.

Lawson	$6.00 per 100	$50.00 per 1000	
Flora Hill	5.50	"	45.00	"
White Cloud	5.00	"	40.00	"
Guardian Angel	5.00	"	40.00	"

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.
PETERSON AVE., NEAR ROBEY ST.

H. Weber & Sons
CARNATIONS!
Oakland, Md.

Chrysanthemums

In great variety. $2.00 per 100. From 2¼-inch pots. **Rooted Cuttings,** 25,000 ready, 85c per 100; $7.50 per 1000.

Send us your order — no delay.

COOLIDGE BROS., So. Sudbury, Mass.

ORCHIDS

ARRIVED — Large Shipments in SUPERB CONDITION.

See our advertisement in issue of June 30, p. 273.

Write for special list.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

NOW IS THE TIME

To stock up on Araucarias and reap the benefit of the summer's growth.



Araucaria Excelsa.

As usual at this season of the year we are carrying an immense stock of these plants, all are of good value and will be found a profitable investment.

Araucaria Excelsa.

		Each
4-in. pots	5 to 6 in. high	2 tiers	$ .35
4-in. pots	8 to 10 in. high	3 tiers	.50
6-in. pots	12 to 14 in. high	3 to 4 tiers,	.75
6-in. pots	14 to 16 in. high	4 tiers	1.00
6-in. pots	16 to 18 in. high	4 tiers	1.25
7-in. pots	20 to 24 in. high	4 to 5 tiers,	1.50

Araucaria Excelsa Glauca.

		Each
6-in. pots	13 to 15 in. high	3 tiers	$1.25
7-in. pots	16 to 18 in. high	4 tiers	1.75
7-in. pots	22 to 24 in. high	4 to 5 tiers,	2.00

Araucaria Robusta Compacta.

			Each
6 in. pots	10 in. high	2 to 3 tiers	$1.25
6-in. pots	12 in. high	3 tiers	1.50
7-in. pots	15 in. high	3 to 4 tiers	1.75

Now is also the time

To sow seeds of PANSIES, PRIMULAS, CINERARIAS, DAISIES, MYOSOTIS, etc., etc.

Full list of same see our current wholesale catalogue.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Kaiserins, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Primroses

	Per 100
Chinese, 2-inch pots	$2.00
Forbesi	2.00

Asparagus

	Per 100
Plumosus Nanus seedlings	$1.75
" 2-inch pot	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed	$4.50 per 1000.

PANSY SEED.....ne plus ultra, oz., $4.00

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

Roses

If you are a little late with planting be sure and send your order for **GOOD, LIVE, HEALTHY STOCK** to

GEO. A. KUHL, PEKIN, ILL.,

for any of the following varieties: Brides Maids, Ivory, Golden Gates, Perles, La France, Woottons, Carnot, American Beauties.

Mention The Review when you write.

Last Call--Stock Must Be Sold

Boston Ferns—Nice young plants out of 2½ in. pots, $2.75 per 100. **Kentia Palms**—Cool grown and stocky, 3½-in. pots $12.00 per 100. **Coleus**—Golden Bedder, Verschaffeltii, and 10 other varieties, 2-in. pots, $2.00 per 100. **Stevia**—Fine stocky plants 2-in. pots, $2.00 per 100.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA. **S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.**

VIOLETS

from 2-inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1000; Imperial, $25.00 per 1000. Princess of Wales from 2½-inch pots, $3.00 per 100.

CRABB & HUNTER
GRAND RAPIDS, MICHIGAN

Mention The Review when you write.

MARION, IND.

Gunnar Teilmann is building two new houses, for carnations and chrysanthemums, one 16x90, the other 16x75, using material from the Foley Mfg. Co., Chicago. His chrysanthemums are in fine shape, a bench and a half of the new pink, Wm. Duckham, being especially good. Mr. Teilmann says that for habit of growth Duckham is the finest mum he has ever seen and if the blooms come up to expectations this fall there is going to be an enormous sale for it, larger even than for Eaton and Appleton. Mr. Teilmann has a bench of the early Monrovia that looks good.

J. W. Bernard, after a little trouble, has renewed the lease on his place for five years and has things in good shape again.

F. W. Herleman is preparing to put up an even-span house 100 feet long. Cyrus Wilson will also add a small house to his place.

Ed Bissell has left the Marion Floral Co. and is now in Rushville. A Mr. Councilman, formerly of Knightstown, is his successor.

The spring business was good with everyone here and we now hope for a prosperous fall and winter. G.

ASHTABULA, OHIO.

F. C. Bail, who has been manager of the Ashtabula Greenhouse Co. since it built its plant at Bunker Hill some years ago, has sold his interest and severed his connection with the concern. It is a stock company in which F. N. Stone and J. H. Goddard hold the principal interest. W. Rogers is now the manager.

Mr. Bail has bought three and one-half acres of land and is building four houses 22x175 feet each. He has bought two sixty horse-power boilers and expects to be ready for business on his own account in the early fall. Lettuce will be his principal crop.

Several of the lettuce growers in this vicinity are busy building additions to their glass, all having had a profitable season.

Tong & Weeks say that cut flower and plant business has been good, but that the usual summer quiet is now at hand.

AUBURN, N. Y.—H. M. Hills is adding two houses to his range, each 10x152. One is for smilax and asparagus, the other for carnations. One house, 20x100, is planted to Brides and Maids and another is being put in shape for carnations. The past year was a prosperous one for Mr. Hills.

ASPARAGUS Plumosus Nanus Seed

$3.50 per 1000. Larger quantities less. Guaranteed true to name and of highest germinating quality.

DRAKE POINT GREENHOUSES,

YAHALA, FLORIDA.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

Greenhouse and Vegetable Plants

2¼-inch stock in A No. 1 condition. Not less than 5 of any one variety sold.

	Per doz.	Per 100
Alternanthera, yellow, $2.00 per 100; $17.50 per 1000.		
Asparagus Sprengeri, 2½-in.	50c	$3.50
Hardy Pompon Chrysanthemums, Large flowering, or Aster var.		3.00
Small flowering or Button var.		2.00
Coleus, 15 var., $15.00 per 1000	40c	2.00

GERANIUMS.

Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, Mme. Conover, Jean Viaud, Granville (single), &c., $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety	per 1000, $15.00, 40c	2.00
Hibiscus, 5 varieties		3 00
Lemon Verbena	per 1000, $20 00, 50c	2.50
Lantanas, 10 varieties.	per 1000, $17.50, 40c	2.00
Maranta Massangeana	75c	4 00
Nymphaea Odorata Gigantea	60c	3.50
Plumbago, Blue and White 3-inch		3.00
Smilax	per 1000, $15.00,	2.00
Swainsona Alba	40c	2.00
" **Rosea**	40c	2.00

Vegetable Plants

On Cabbage, and Celery we are prepared to make special price on large lots. : : :

CABBAGE—Early and Late Flat Dutch, Succession, L. I. Second Early, Drumhead, Danish Ball Head, Rock Red, Drumhead Savoy, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—White Plume, Pink Plume, Giant Pascal, Golden Self Blanching, Golden Heart, Boston Market, &c.; also Celeriac, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

KOHL-RABI and **Brussels Sprouts,** 25c per 100; $1.50 per 1000.

We have a million each of cabbage and celery.

Cash with order.

R. VINCENT, Jr. & SON,

WHITE MARSH, MD.

Mention The Review when you write.

CLEARING OUT SALE at Auction Prices

The day was too short to dispose of 50,000 Palms. You may have the unsold lots at the prices we got at the auction.

50 Latanias, 5-inch, at 14c each. **200 Latanias,** 6-inch, extra fine stuff very heavy, at 30c each. **185 Latanias,** 7-in., extra fine stuff, very heavy, at 50c each. **160 Latanias,** 8-inch, very large stuff, very heavy, at **$1.20** each.

These are all worth double the money and are not the leavings of the auction. They are all good. All were sold in lots of 25 as they stood.

500 Kentia Belmoreana, 6-inch, at 70c each. **450 Kentia Belmoreana,** 6-inch, extra heavy, ready for 7-inch pots, at $1.00 each. **200 Kentia Forsteriana,** very heavy, clean perfect plants, $1.50 each, regular price, $2 00 each. **100 Aspidistra,** green, 4-in., 5 to 8 leaves, at 25c each. **400 Kentia Forsteriana,** 7-in., made up, fine healthy stock, $1.25 each, $13.50 per doz. These will make $5.00 to $6.00 plants in one year.

HURRY UP if you want these fine plants at these prices; it is absolutely the last chance as I have not any more to offer after this, and as all the greenhouses are sold.

The bulk of our stock went to the men you will have to buy from later.

ASK THEM WHY THEY BOUGHT SO HEAVY.

No order less than $10.00 at these prices. I hereby wish to thank all of my patrons for their confidence and kindness shown me. We had not one complaint.

ALBERT FUCHS, 2045-59 N. Halsted St., CHICAGO, ILL.

CHRYSANTHEMUMS.

Fine stock from 2 and 2½-inch pots. $2.00 per 100. Eaton, Chadwick, Golden Wedding, Mrs. Jerome Jones, Yanariva Yanoma, Goldmine, Superba, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Col. D. Appleton, Bonnaffon, Pink Ivory, Ivory, Glory of Pacific, Lincoln. CASH or satisfactory reference.

J. J. ARNOLD, HOMER, N. Y.

Mention The Review when you write.

Chrysanthemums!

NATHAN SMITH & SON,

ADRIAN, MICH.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

To-bak-ine Products

Positively kill All kinds of Bugs

Send for our new booklet "WORDS OF WISDOM."

E. H. HUNT,

76-78 Wabash Avenue, **CHICAGO.**

Always mention the Florists' Review when writing advertisers.

EXTRA SPECIAL!

July 1st found us with over 12,000 feet of 7-Ply, 3-4 inch Typhoon Hose in stock.

This **hose** was **manufactured** this spring and is **new** stock.

We don't want to carry it over and offer this the **best hose ever manufactured** for greenhouse use at **12½c per foot, all coupled.** Regular price $14.00 per 100 ft.

E. H. HUNT, 76-78 WABASH AVENUE, **CHICAGO.**

Mention The Review when you write.

POINSETTIAS.

Strong, 2½-inch, $5.00 per 100; $40.00 per 1000, 250 at 1000 rate.

ASPARAGUS SPRENGERI, very strong, 4-in., $7.50 per 100. Cash with order please.

W. W. STERTZING,
7280 Old Manchester Road, ST. LOUIS, MO.

Mention The Review when you write.

Cyclamen Giganteum.

Fine large plants, 3-inch, ready for 4-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS NANUS
2-inch pots, ready for 3-inch, $3.00 per 100; 3-inch, bushy plants, ready for 4-inch, $4.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Mention The Review when you write.

Have an extra lot of

Piersoni and Bostons

In 10-inch pans, also in 6 and 7-inch pots, as well as all other sizes from 2½-inch up.

Write **Geo. A. Kuhl, Pekin, Ill.,** for prices.

Mention The Review when you write.

Boston Ferns

2½-inch $4.00, 3-inch $8.00, 4-inch $15.00, 5-inch $25.00 per 100; 6-inch 40c, 7-inch 60c, 8-inch 75c each. Piersoni rooted runners reduced to $2.00 per 100.

DAVIS BROS
Morrison, Ill, and Geneva, Ill.

Mention The Review when you write.

BOSTON FERNS

CUT FROM BENCH.

$4, $8, $14 per 100.

Fine stock to pot.

CENTRAL GREENHOUSES
SANDUSKY, OHIO.

Mention The Review when you write.

G. A. R. EXCURSION TO BOSTON via THE WABASH.

August 12, 13 and 14 the Wabash Railroad will sell excursion tickets from all stations to Boston and return at one cent per mile in each direction. Fare from Chicago, $17.75. Limit may be extended to Sept. 30 by deposit and payment of 50c. Write for illustrated folder giving full details, with side trips, etc. F. A. Palmer, A. G. P. A., 311 Marquette Bldg., Chicago, Ill.

Mention The Review when you write.

TOBACCO POWDER

THE BLACK STUFF FINE—For Sprinkling Only.

WHEN you cannot fumigate with our **Fumigating Powder** you can apply our **Black Stuff Fine** direct to the plants; it is strong and equally effective in doors or out for extermination of all plant pests. Your money back if it is unsatisfactory. Trial 5-pound package for nothing if you will pay the express charges on it. Write Dept. D. THE H. A. STOOTHOFF CO., 116, 117, 118 West Street, New York.

Mention The Review when you write.

We have special low prices to offer and can save you money on

Galvanized Wire Rose Stakes and Tying Wires

Write us for price before ordering elsewhere. **Also Model Extension Carnation Support.**

IGOE BROS., Manufacturers, 226 North 9th Street, **Brooklyn, N. Y.**

Mention The Review when you write.

50,000 SMILAX

From 2½-inch pots, $1.25 per 100; $10.00 per 1000.

ASPARAGUS SPRENGERI—Plants from seed bed, ready for potting, $1.00 per 100; $9.00 per 1000.

ASP. PLUMOSUS NANUS—Strong 2¼-inch, $2.50 per 100; $24.00 per 1000.

GERANIUMS—Strong 2½-in. plants. Beaute Poitevine, Mrs. E. G. Hill, Jean Viaud, $2 per 100.

1000 CARNATIONS—Mrs. Lawson, from 3½-inch pots, $3.50 per 100. 400 Glacier, from 3-inch pots, $3.00 per 100.

CASH.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

Boston Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,
Keap Street Greenhouses. **BROOKLYN, N. Y.**

Mention The Review when you write.



Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ADIANTUMS.

Adiantum cuneatum, strong, healthy plants, 4-in., $12.00 100; 3-in., $6.00 100, $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum, ready for 5-inch pots, $12.00 100. Cash.
Wm. A. Bock, No. Cambridge, Mass.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest deep red variety grown. To see it is to want it, and if you grow it once, you will drop all other reds. This is the only red grown at Fairmount Park, Philadelphia. $5.00 per 100; 75c per doz. A. nana, $2.00 100, $18.00 1000. Cash.
A. J. Baldwin, Newark, Ohio.

Alternantheras, 2-inch, yellow and brown, $1.00 100; $10.00 1000. Red, $1.50 100; $15.00 1000. Cash. Ernest Harris, Delanson, N. Y.

Alternantheras, yellow, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red, 2-in. strong, $2.00 100. Cash. Chase & Son, New London, O.

ALYSSUM.

500 alyssum, trailing, 2¼-in., two in each pot, $2.00 per 100. Cash.
E. C. Boss, Honesdale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50 to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann, 1012 Ontario St., Phila., Pa.

ASPARAGUS.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

We offer flats of asparagus in which 1000 seeds were originally sown; now contain from 800 to 900 fine seedlings ready for 2½-inch pots, at $10.00 per flat; 2½-inch asparagus, $3.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus plumosus nanus, well established, 2½-in., pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri plants from seed bed, ready for potting, $1.00 per 100, $9.00 per 1000. A. plumosus nanus, strong, 2¼-in., $2.50 per 100, $24.00 per 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, very heavy, 2-in., $3.00 per 100, $25.00 per 1000; 3-in., very heavy, $6.00 per 100, $50.00 per 1000. Sprengeri, 2-in., $3.00 per 100. C. Betscher, Canal Dover, Ohio.

Asparagus plumosus nanus, from flats ready for potting, $2.00 per 100; $17.50 per 1000. Cash. J. H. Fiesser, 415 Summit Av., West Hoboken, N. J.

Renew your beds with fine fresh Sprengeri, 3-in. at $3.00 per 100. Also 350 Plumosus nanus, $10.00 the lot. Cash.
Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 6-in. pot plants, 15c and one year old clumps, 10c each; fine for growing strings.
Jos. Wood, Spring Valley, N. Y.

Asparagus plumosus nanus, 2-in., ready for 3-in., $3.00 100; 3-in., bushy, ready for 4-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, very strong 4-in., $7.50 per 100. Cash with order, please.
W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

25,000 Asparagus plumosus nanus, 2-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 4 to 7-in. pots, in large quantity at a bargain.
H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 2-in., $2.50 100; 3-in., $5.00 100.
Sherman Nursery Co., Charles City, Iowa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, fine 3-in., ready for 4-in., $5.00 per 100. Weber Bros., Florists, Ironton, O.

Asparagus Sprengeri and plumosus all sizes. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-in., strong, $2.00 per 100. Cash. Chase & Son, New London, O.

Asparagus Sprengeri, extra strong, 3-in., $5.00 per 100. J. W. Ross, Centralia, Ill.

Asparagus plumosus, 2¼-in. pots, $2.50 100; $20.00 1000. J. S. Bloom, Riegelsville, Pa.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus, 3-in., strong, $8.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

BAY TREES.

Bay trees. Standards and pyramids, at $10.00 and $15.00 each, according to size.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BEGONIAS

Begonias, Vernon, white and red; metallica, argenteo-guttata, vestissima, rubra, Marjorie Daw, Nitida rosea, Triumph de Lorraine, Lenore, Sandersoni and other good ones, out of 4-in. pots, full bloom, $4.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, nice 2-in., stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100. A. Jablonsky, Wellston, St. Louis, Mo.

Rex begonias, 2-in., $2.00; rooted cuttings, $1.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Begonia rooted cuttings, Angel Wing, and a few other ones, $2.00 100.
N. O. Caswell, Delavan, Ill.

Assorted begonias, 2-in., $2.00 per 100; 4-in., fine, $8.00 per 100.
Hammerschmidt & Clark, Box 161, Medina, O.

Begonia Gloire de Lorraine, 2-in. pots, $12.00 per 100. Julius Roehrs, Rutherford, N. J.

BERRIED PLANTS.

Christmas peppers, nice plants from 2-in. pots, $1.50 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Christmas peppers and Jerusalem cherries, 2-in. pots, $1.50 per 100
Harmon & Henderson, Iola, Kans.

BULBS.

100,000 Paper White narcissus bulbs at $6.00 per 1000, first size, all flowering bulbs; $3.00 per 1000 for second size, most of them will flower. Cash with order.
Geo. Rosmarin, 1419 Bay St., Alameda, Cal.

FREESIAS. Bermuda or California, ready for delivery; ⅜ to ½-inch, 100, 50c; 1000, $3.50; ½ to ¾-inch, 100, 75c; 1000, $6.00.
LILIUM HARRISII. Bermuda, XXX, ready July 25th, 5x7, 100, $3.50; 1000, $32.00; 6x7, 100, $4.50; 1000, $42.00; 7x9, 100, $8.00; 1000, $75.00; 9x11, 100, $16.00.
LILY OF VALLEY. Empress, from cold storage to close out, we offer 100, $10.00; case 2,500 $25.00.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Freesia Bulbs, mammoth size, $7.50 per 1000; 1st size, $6.00 1000. These are a superior large flowering strain of freesias, are home-grown and cannot fail to give complete satisfaction. Cash with order.
Rudolph Fischer, Great Neck, L. I., N. Y.

10,000 Paper White narcissus bulbs, 1 to 2 inches in diameter, 50c per 100. 8000 Calla lily bulbs, 1½-in. and up, $2.50 per 100. Smilax bulbs, 2 inches in diameter, $1.00 per 100.
S. W. Marshall & Son, Fresno, Cal.

We are now prepared to quote LILIUM HARRISII, L. LONGIFLORUM, DUTCH HYACINTHS, and other bulbs for florists. Send for price, stating kinds and quantities required.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

HARRISII and LONGIFLORUMS. The right kind at the right price; and last, but not least, well-ripened stock. Better get your order in early.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Lilium canadensis, red and yellow, $3.00 100, $15.00 per 1000. Lilium philadelphicum, $3.00 per 100, $15.00 per 1000.
L. E. Williams, Nottingham, N. H.

100,000 calla bulbs, ready to ship. See display adv. for sizes and prices.
California Carnation Co., Loomis, Cal.

Write us for quotations on Lilium Harrisii, July delivery.
H. F. Michell Co., Philadelphia, Pa.

Amaryllis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

Prices on all bulbs quoted on application.
Johnson & Stokes, 217-219 Market St., Phila.

CACTI

Cacti, thrifty and true to name; mixed, from 20 varieties, 100 plants for $4.00 by express. Small bedding Echeveria californica and stapelia (star-fish cactus), $1.25 per 100. Cash.
Mrs. M. E. Patterson, Glendale, Cal.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex

CANNAS.

Cannas, to clean out, fine and bushy, in 4-inch pots, Martha Washington, Souv. de Antoine Crozy, Florence Vaughan, Mme. Crozy, Austria, $4.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

Cannas, Crozy, Charles Henderson, F. Vaughan, 4 in., at $6.00 100; good stuff. Cash.
W. T. Hillborn, Newtown, Pa.

Cannas Austria, strong plants from 2½-in. pots, $3.00 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

French cannas, fine plants in 5 and 6-inch pots, $7.00 100. Cash.
Wm. A. Bock, No. Cambridge, Mass.

CARNATIONS

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia, Or, John Murchie, Sharon, Pa.

Carnations, extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100, Crane, Guardian Angel and Queen Louise, the four best varieties for the northwest; selected plants, $8.00 per 100, strong plants, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Field-grown carnations, extra large, healthy plants, ready for immediate delivery. Write for list of varieties and prices.
S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnations, 1000 plants of Queen Louise, extra fine bushy, ready to bench now, $4.00 100; $35.00 1000. Cash.
Jos. P. Johnson, Jr., Hightstown, N. J.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations, field-grown plants; first size, $8.00 100; second size, $6.00 100. Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Stella, Bradt, Maceo, Gomez, Roosevelt, Crane, Adonis. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$40
Q. Louise	6	50	Joost	5	40
Mrs. Bradt	6	50	G. Lord	5	40
Norway	6	50	Mac Richm'd	5	40
Estelle	6	..	Pond	5	40

Isaac H. Moss, Govanstown, Balto., Md.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud	$5.00	$40
Flora Hill	5 50	45	G. Angel	5.00	40

Cash with order.
Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Field-grown carnations. Fine plants now ready for the benches. Not surplus stock.

	100	1000		100	1000
B't'n Mkt.	$7.00	$65.00	Glacier	$6.00	$50.00
Wolcott	6.00	55.00	Joost	5.00	45.00
McKinley	6.00	50.00			

A. C. Canfield, Springfield, Ill.

Carnations, pot-grown, for July planting. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane. Chas. W. Reimers, Hite Ave., Louisville, Ky.

Field-grown carnations. Healthy stock warranted. Delivery any time as desired. Write me for list and prices.
Chas. H. Totty, Madison, N. J.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

1000 Mrs. Lawson carnations from 3½-in. pots, $3.50 per 100. 400 Glacier from 3-in. pots, $3.00 per 100.
W. T. Buckley Plant Co., Springfield, Ill.

3000 Lawson, 2000 Norway and 500 White Cloud, from 2½-in. pots, good stock. Write Gloede, Evanston, Ill.

Extra strong field-grown Lawsons, $50.00 per 1000.
Welland & Risch, 59 Wabash Ave., Chicago.

Carnations. Novelties and standards. Write us. H. Weber & Sons, Oakland, Md.

BUSINESS BRINGERS—
Review
Classified Advs.

CHRYSANTHEMUMS.

Surplus chrysanthemums, cheap. 400 J. Jones, 700 Bonnaffon, 600 Glory of Pacific, 200 Polly Rose, 150 Ivory, 100 Pink Ivory, 100 Rieman, 60 Peter Kay, 75 Philadelphia, 40 Pennsylvania, 75 G. Pitcher, 600 Col. D. Appleton, 80 Timothy Eaton, 100 J. E. Lager, 65 Robinson, 400 Maud Dean, 45 Mayflower, 450 Merry Christmas, 2¼-in. stock, $2.00 100. 50 Yellow Eaton, 175 Bonnaffon, 3-in.; 144 Bonnaffon, 4-in.; 75 Merry Christmas, 3-in.; 275 Merry Christmas, 4-in.; 450 Appleton, 150 Polly Rose, 140 Glory of Pacific; all in 3-in. except where noted, $3.00 100; 275 Sinclair, $5.00 100, 2¼-in.
H. W. Field, Northampton, Mass.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100.
WIETOR BROS., 51 Wabash Ave., Chicago.

Appleton, Eaton, Yellow Eaton, Chadwick, Yellow Chadwick, Marie Liger, Robt. Halliday, Brutus, Yellow Jones, White Bonnaffon, Ivory, Pink Ivory, Mutual Friend, Polly Rose, Pacific, from 2¼-in. pots, $1.75 per 100; $15.00 per 1000. Cash with order.
Geo. Darsley, 176 Claremont Ave., Jersey City, N. J.

Chrysanthemums Eaton, Chadwick, Golden Wedding, Mrs. Jones, Yanariva, Goldmine, Superba, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Appleton, Bonnaffon, Pink Ivory, Ivory, Pacific, Lincoln, 2 and 2½-in., $2.00 100. Cash.
J. J. Arnold, Homer, N. Y.

Hardy pompon chrysanthemums, large-flowering or aster variety, 2¼-in., $3.00 100; small-flowering or button variety, 2¼-in., $2.00 100. Our pamphlet containing description, with cultural directions, of over 125 varieties, mailed free. R. Vincent Jr. & Son, White Marsh, Md.

Chrysanthemums in great variety from 2¼-in. pots, $2.00 100. 25,000 rooted cuttings, ready, 85c 100, $7.50 1000.
Coolidge Bros., South Sudbury, Mass.

Chrysanthemums: Wm. Duckham, 2½-in. pots, $20.00 100; rooted cuttings, $10.00 100. Opah, 2½-in., 6 to 12 in. high, $2.00 100. C. J. Salter, Mrs. Pockett, 2½-in., $8.00; Cheltoni, 2½-in., $40.00 100; rooted cuttings, $25.00 100. Dr. Enguehard, 2½-in., $20.00 100. Miss Alice Byron, 2½-in., $6.00 100.
Larchmont Nurseries, Larchmont, N. Y.

Try a few of the new chrysanthemums. We have the Australian-English varieties, including the famous Wells-Pockett set, and other notables. For varieties and prices, see display adv. in issue of July 14, page 363, or write
Critchell's, Avondale, Cincinnati, O.

Chrysanthemums, fine rooted cuttings, $10.00 per 1000. 1500 Polly Rose, best early white; 325 Glory Pacific, best early pink; 150 Adele, second early pink; 250 Willowbrook, good early white.
E. L. Spalding, So. Framingham, Mass.

Rooted cuttings of Ivory, Murdock, Willowbrook, Christmas, Shrimpton, Intensity, Parr, Jones, Whilldin, Bonnaffon, Pacific, Halliday, Sunshine, Appleton and Richardson. Write us.
Poehlmann Bros. Co., Morton Grove, Ill.

20,000 mums from 2-in., $3.00 per 100. Rooted cuttings, $2.00 per 100. Prime stock Eaton, Pacific, Bonnaffon, White Queen, Niveus, Dean, Ivory, White Cloud and Yellow Queen.
L. I. Neff, 218 6th St., Pittsburg, Pa.

Chrysanthemum plants, extra large and well grown. 600 White Bonnaffon, 250 Yellow Bonnaffon, 300 Appleton, 200 Robt. Halliday, 300 Pink Balsley, $2.00 100.
Leo Niessen, 1217 Arch St., Phila.

Chrysanthemum Mme. F. Bergmann, still the best of the early whites. Good stock in prime condition, $2.00 per 100, $18.00 per 1000.
Morton's Evergreen Lodge, Clarksville, Tenn.

5000 chrysanthemums, 2 and 2½-in., T. Eaton, Appleton, G. Pacific, P. Rose and F. J. Taggart, to clean out at $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

We are headquarters for all the novelties in chrysanthemums. Send for our list.
C. H. Totty, Madison, N. J.

Strong Estelle chrysanthemum plants, from 2-in. pots or bench, $2.00 per 100.
Des Plaines Floral Co., Des Plaines, Ill.

Jerome Jones chrysanthemums, fine plants, 2-in., $3.00 100; $25.00 1000.
Isaac H. Moss, Govanstown, Balto., Md.

BONAFFON rooted cuttings, 90c per 100.
Otto Bourdy, Lowell, Mass.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CLEMATIS

Large flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots at 18c; 1-yr., from 3-in., 9c. C. paniculata, from 4 and 5-in. pots, 12c.
W. H. Salter, Rochester, N. Y.

COLEUS.

Coleus, in assortment, 2-in., $2.00 100. Brilliancy, Model, Hammer and Gaiety (as large as Brilliancy but very finely mottled), in assortment, 50c per doz.; separate, 60c; rooted cuttings, general assortment, 60c 100.
N. O. Caswell, Delavan, Ill.

Coleus, Golden Bedder, Verschaffeltii and fancy mixed, 2-inch, $1.00 100; $10.00 1000. Cash. Ernest Harris, Delanson, N. Y.

5000 coleus, Golden Bedder, good reds, and 10 other kinds, 2-in. pots, $1.00 per 100. Cash, or C. O. D. Dann & Son, Westfield, N. Y.

Coleus, red, yellow and mixed, strong 2¼-inch $2.50 100; $20.00 1000. Also achyranthes.
W. G. Kroeber, New Bedford, Mass.

Coleus G. Bedder, Verschaffeltii and 10 other var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Coleus, 15 varieties, 2¼-in., 40c doz., $2.00 100, $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

500 mixed coleus, 2¼-in., $1.50 per 100. Cash.
E. C. Boss, Honesdale, Pa.

Coleus, 2½-in., $2.00 per 100.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

CRYPTOMERIAS

Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas stems, long-leafed variety, 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; per case, 300 lbs., $18.00. Stems range in weight from 1 lb. to 10 lbs.
Johnson & Stokes, 217-219 Market St., Phila.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas stems weighing from ½ lb. to 15 lbs. each at 10c a lb.; 25 lbs. for $2.00; 100 lbs., $7.00.
Henry F. Michell Co., 1018 Market St., Phila.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, 5, 15 to 20 leaves, 8c a leaf.
G. Aschmann, 1012 Ontario St., Phila.

CYCLAMEN.

Giant cyclamen my specialty, 3-in., $8.00; 4-in., $12.00 per 100. I can now offer seed of my well-known extra fine strain, new crop, in 5 standard colors, per 100 seeds, 75c; per 1000, $6.00. Special prices on larger quantities.
C. Winterich, Defiance, Ohio.

Cyclamen, good strong 2-in. plants, a very fine strain, $5.00 per 100; 3½-in., $10.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen giganteum, large plants ready for 4-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

DRACÆNAS.

Dracaena indivisa, strong 6-in. pots, $3.00 doz.; 5-in. pots, $2.50 doz. D. indivisa latifolia, 5-in. pots, $3.00 doz.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Dracaena indivisa, in fine condition, 5-in. pots, 25c each; 6-inch pots, 30c each.
J. W. Howard, Somerville, Mass.

FERNS OUR SPECIALTY.

We have a fine lot of fern seedlings to offer this season; strong, healthy stock, ready for potting, in the following varieties:

Adiantum cuneatum.	Pteris albo-lineata.
Cyrtomium falcatum.	Pteris adiantoides.
Lastrea lepida.	Pteris argyrea.
Pteris cristata.	Pteris Mayii.
Pteris Ouvrardi.	Pteris serrulata densa.

Equal number of each at $1.00 per 100, $8.50 per 1000. 500 at 1000 rate. If by mail add 10c per 100 for postage. SAMPLES FREE.

Assorted ferns for jardinieres, good varieties from 2¼-in. pots, $3.00 per 100, $25.00 per 1000. 500 at 1000 rate.

Adiantum cuneatum, good sized plants from 2¼-in. pots at $3.50 per 100, $30.00 per 1000.

FERN SPORES.

Gathered from our own stock and guaranteed fresh, 35c per trade pkt., 12 pkts. for $4.00.
ANDERSON & CHRISTENSEN,
Telephone Call 29-I. Short Hills, N. J.

Piersoni ferns, lowest prices, satisfaction guaranteed. Fine 1-yr-old plants from bench, 50c each, $5.00 per doz.; strong, well-rooted runners, $4.00 per 100, $35.00 per 1000; well-established 2-in., $5.00 per 100, $45.00 per 1000; 2½-in., $6.00 per 100; 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $35.00 per 100.
A. C. Canfield, Springfield, Ill.

SEEDLING FERNS IN FLATS. Fine assortments, best varieties, as follows: Aspidium tsussimense, Cyrtomium falcatum, Pteris Mayii, Pteris cretica albo-lineata, Pteris adiantoides, Pteris nana compacta, etc., etc. Each flat will average 400 plants. Price, $2.00 per flat; 12 flats, $21.00. Cash with order.
Ferndale Nurseries, Belleville, N. J.

SCOTTII, ready for delivery. Very heavy 4-in. pot plants, ready for 6-in., $12.00 doz.; $75.00 100. 25 at 100 rate. Strong transplanted runners from bench or 2¼-in., $4.00 doz.; $25.00 100; $200.00 1000. Strong 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.
John Scott, Keap St., Brooklyn, N. Y.

Fine plants, divide readily in several. Adiantum cuneatum, Aspidium tsussimense, Lastrea opaca, Pteris adiantum, P. Majii, P. serrulata, P. Ouvrardi, P. hastata, P. Wimsetti and others. Send for list. Per 100, $1.50. Fresh spores of all florists' ferns, separate or mixed, pkt., 25c.
H. H. BERGER & CO., 47 Barclay St., N. Y.

FERNS, 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
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CENTER MARKET,
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Boston ferns, cut from bench, $5.00 100, $40.00 1000. Anna Foster, ferns cut from bench, $5.00 100, $40.00 1000. Larger plants 25c to 50c each. L. H. Foster, Dorchester, Mass.

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Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up.
John Bader, Troy Hill, Allegheny, Pa.

Boston ferns, 2¼-in., 3c; $30.00 per 1000; 3½-in., 7c; $70.00 per 1000. Cash with order, please. H. H. Barrows & Son, Whitman Mass.

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Boston ferns, 6-in., 40c each.
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Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
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Forget-me-not palustris, from open ground, $3.00 100 clumps.
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Fuchsias, 2½-in., dbl. white and dbl. purple, and asst. single var., $2.00 100.
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400 nice blooming fuchsias, good assortment in 3-in., $3.00 per 100.
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Fuchsias, 4-inch, $6.00 100. Cash.
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Gardenia florida, 4-inch, 8 to 12 inches high, 75c doz.; $8.00 100. Cash.
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Surplus geraniums. S. A. Nutt and other varieties, 3-in., $3.00, 4-in., $5.00, 5-in., $6.00 per 100.
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Geraniums in bloom, 4-in., in variety, $5.00 per 100, $25.00 for 500. Cash or C. O. D.
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Surplus geraniums; strong plants of Poitevine, Ricard, La Favorite, $4.00 per 100.
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400 Poitevine, 2½, 3½ and 4-inch, $2, $3 and $4 100.
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Gladioli, mixed varieties, at $8.00 per 1000.
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Our gladiolis bulbs are good. Try them.
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1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
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2000 hardy perennial phlox, propagated from Henry A. Dreer's collection, $2.00 per 100; $15.00 per 1000; the lot for $25.00. Plants out of 2½-in. pots. Cash.
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Perennial phlox, fine named sorts, 4-in., 10c. Golden Glow, 4-in., 10c.
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For your trees, shrubs, vines and small fruits send to
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Heliotropes, best dwarf varieties, 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

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Hibiscus, 5 varieties, 2¼-in., $3.00 100.
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Hibiscus, double red, 4-in., in bud, 10c.
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White impatiens (Evening Star), strong plants, 2½-in. pots, 50c per doz., $3.00 per 100.
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Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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Lantanas, 10 var., 2¼-in., 40c doz.; $2.00 100, $17.50 1000.
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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
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Cut lily of the valley of good quality always on hand.
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The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
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Thousands of orchids at moderate prices. Write for special offer.
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LATANIA BORBONICA. Per 100:

2-in. pot, seed leaves	$ 3.00
3-in. pot, 15-18-in., 2-3 chr. lvs	12.00
5-in. pot, 18-20-in., 3-4 chr. lvs	15.00
5-in. pot, 20-24-in., 4 chr. lvs	20.00

Sherman Nursery Co., Charles City, Iowa.

Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00; 6-in., $15.00 per doz.; from 7-in. and upward, at $1.75 to $35.00 each.
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Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 25 to 35 in. high, 75c to $1.00 each.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Kentia palms, cool grown, stocky, 3½-in., $12.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Palms and other decorative plants.
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Philadelphia-grown palms. Write.
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Kentia palms. Large assortment.
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Pansies and English daisies in bloom, $2.00 100. Cash. I. Merwin Rayner, Greenport, N. Y.

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Peonies a specialty. The best French collection. Strong plants, all true to name. Catalogue free. A. Dessert, Chenonceaux, France.

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Peonies, over 1000 sorts, large acreage.
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Peonies, 400 kinds, some of the finest.
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Plumbagoes, blue and white, 3-in., $3.00 100.
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Poinsettias. Strong stocky plants, 10 inches high from top of pot, 2½ and 3-in. pots, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate. For large lots prices sent on application with sample.
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Poinsettias, July and August delivery. 2½-inch, $6.00 per 100; 3-inch, $8.00 per 100. Terms cash. Satisfaction guaranteed.
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Poinsettias. Strong 2½-in., $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. Cash with order, please.
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1000 poinsettias, 2½-in., $4.00 per 100. Cash.
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Poinsettias, 2½-inch, $4.00 per 100.
Krueger Bros., Toledo, Ohio.

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Improved Chinese primroses, ready for 3-in. pots, fringed, single and dbl., $2.00 100.
John F. Rupp, Shiremanstown, Pa.

Chinese primroses, large flowering, fringed, no better strain, 2-in., $2.00 per 100.
J. Clint McPheron, Carrollton, Ill.

Primulas. Chinese, 2-in., $2.00 100. Forbesi, $2.00 100. Cash.
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Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
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ROSE PLANTS. Strong stock, 2½-in. pots.

	100	1000		100	1000
Uncle John.	$20.00	$150	Maid	$2.50	$20
Chatenay	3.00	25	Gate	2.50	20
Sunrise	5.00	40	Bride	2.50	20

Strong stock. 3-in. pots.

	100	1000		100	1000
Chatenay	$5.00	$40.00	Bride	$3.50	$30.00
Maid	3.50	30.00	Gate	3.50	30.00

One year old plants from benches—Beauty, Liberty, $5.00 100, $40.00 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. Reinberg, 51 Wabash Ave., Chicago.

Roses, strictly A1 stock. Maids, 2½-in., $20.00; 3½-in., $40.00 1000. Brides, 3½-in., $40.00 1000. Beauties, 2½-in., $35.00 1000; 3 and 3½-in., $5.00 100; $45.00 1000. Gates, $40.00 1000. Franz Deegen, 3½-in., $4.50 100. Perles, 3½-in., $4.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

1000 Golden Gates, 3-in.	$2.00	100
1000 Brides, 3-in.	2.00	100
1000 Maids, 3-in.	2.00	100
500 Perles, 3-in.	2.00	100
500 Meteors, 3-in.	2.00	100

Cash with order.
Chapin Bros., Lincoln, Neb.

Low closing prices. Splendid strong stock. 3-in. Brides, Maids, Ivory, Gates, $4.00 100, $35.00 1000. Beauties, $5.00 100, $45.00 1000. Perles, very fine, $5.00 100, $50.00 1000. 2½-in. Brides, Ivory, $2.50 100, $20.00 1000. Beauties, $3.00 100, $25.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Rose plants. 400 Bride, 400 Maid, 100 Golden Gate, 100 Ivory, 200 Meteor, all from 3-in. pots, $5.00 per 100. A1 stock, raised for our own use, but we have decided not to grow roses next season.
Smith & McDowell, Lansing, Mich.

10,000 Brides and Maids, A1 stock, ready for planting. 4-in., $100 per 1000. Grafted stock, 4-in. Brides and Maids, $20.00 per 100.
Pittsburg Rose & Carnation Co., Crystal Farm, Gibsonia, Pa.

American Beauties, 3-in., $4.00 per 100. Golden Gates, 2¼-in., $1.50 per 100. Brides and Maids, 2¼-in., $1.75 per 100.
Will take Boston ferns, Lorraine begonias or Primula obconica, in exchange.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Roses, 3½-in. pots, first class plants, $6.00 per 100. 1000 Sunset, 1000 Chatenay, 1000 Maid, 800 Bride, 700 Golden Gate, 300 Sunrise, 300 Meteor, 300 Hoste, 150 Liberty.
P. R. Quinlan & Co., Syracuse, N. Y.

ROSE PLANTS. To make room and quick sale we offer Perles, Bridesmaids, Brides, Liberties and Ivories, good, large, clean plants, twice shifted, at $20.00 1000.
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Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Kaiserins, Ivory, Gates, Brides, 3½-in., $15.00 100. J. L. Dillon, Bloomsburg, Pa.

10,000 Beauties, 2½-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
J. F. WILCOX, Council Bluffs, Iowa.

Grafted roses. Bride, Bridesmaid, Kaiserin, Golden Gate, Bon Silene, 2¼-in., $15.00 per 100; $120.00 per 1000; 4-in., $20.00 per 100. Own roots, 4-in., $8.00 per 100.
Geo. L. Parker, Dorchester, Mass.

1000 Extra Bridesmaid, from 3½-in. and 4-in. pots, $12.00 100; Bride and Bridesmaids, from 3-in. pots, at $4.00 100; $35.00 1000; 500 at 1000 rates. Cash. W. T. Hillborn, Newtown, Pa.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La France, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

ROSE PLANTS, extra fine, propagated for our own use. Bride, Bridesmaid, Golden Gate, Ivory, Meteor, 3-in., $4.00 100; $35.00 1000.
A. Gude & Bro., Washington, D. C.

Rose plants. 1500 Liberties, $80.00 1000. 1000 Brides, $70.00 1000. 500 Maids, $50.00 1000. Extra large and well-grown stock.
Leo Niessen, 1217 Arch St., Phila.

Roses. Surplus stock. Brides, Maids, Golden Gate, Ivory, Meteor and Beauties, from 3-in. pots, $3.00 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Strictly fancy American Beauty and Perle roses, as well as other varieties, can be had at once by writing
Geo. A. Kuhl, Pekin, Ill.

Roses, 2½-in. rose pots, $3.00 100, $25.00 1000. Brides, Maids, G. Gates, Ivory. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Brides, Maids, Ivory, G. Gates, Perles, La France, Woottons, Carnot, Beauties, 2-yr.-old Beauty and Liberty plants. For prices write
Geo. A. Kuhl, Pekin, Ill.

Roses. Clean, healthy, young plants in 3-in. Kaiserins. $6.00 100; Sunrise, $8.00 100. Cash
C. E. Meehan, Musgrove & Slocum Sts., Germantown, Pa.

275 Bridesmaids, 3-in. pots, 500 Bridesmaid, 600 Bride, 350 Golden Gate, 550 Ivory, 2¼-in. pots. Good stock. Write for prices quick.
C. L. Reese, Springfield, Ohio.

Roses, strong plants from 2x3-in. pots. Beauties, $6.00 100; $50.00 1000. Bridesmaids, Mrs. P. Morgan, $3.00 100; $25.00 1000.
S. S. Pennock, 1612 Ludlow St., Phila.

2000 Bridesmaid, 5c; 200 Meteor, 5c; 500 American Beauty, 20c each. All plants in 4-in. pots, clean and strong.
Elwood Brant, Madison, N. J.

Extra strong 4-in. Bride, Bridesmaid, Golden Gate and Wootton at $6.00 100. Send now for samples. Cash.
Warrendale Floral Co., St. Paul, Minn.

Brides, Maids, Perles, Golden Gate, from 3-in., strong selected stock, $3.50 per 100.
W. L. Rock Flower Co., Kansas City, Mo.

Roses, 2½-in.—650 Bride, 225 Maid, 225 Golden Gate, and 425 Ivory, $2.00 per 100.
Stuart & Haugh, Anderson, Ind.

3,500 first-class Bride and Bridesmaid, out of 3-inch pots. Will sell at $30.00 1000.
L. C. Rubsamen, Murray Hill, N. J.

Bride and Bridesmaid roses, fine forcing stock, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Surplus Bride and Bridesmaid, from 3-in. pots, to close out, $2.50 100.
Alexander Mead & Son, Greenwich, Conn.

Bridesmaids, fine plants, 1000 2½-inch $20; 1000 3-inch, $22.00. Cash.
Gollan & Wolf, Downers Grove, Ill.

Rose plants, American Beauty and Chatenay. 3½-in. pots, $5.00 100.
Worcester Conservatories, Worcester, Mass.

Rose plants. Extra fine 3-in., Brides and Maids, $5.00. Cash.
Central Greenhouses, Sandusky, Ohio.

70 extra strong grafted Ivories in 4-in. pots for $7.00. Cash.
A. J. Pennock, Lansdowne, Pa.

Perle and Golden Gate roses, strong, 4-in., $8.00 100.
Isaac H. Moss, Govanstown, Balto., Md.

Roses. 3-inch Brides, Maids and Meteors, $3.50 per 100. Krueger Bros., Toledo, Ohio.

Brides and Maids, 3-inch, $4.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

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Manetti stocks. Florists desiring to have good Manetti stocks had better order now at $10.00 per 1000.
The Elizabeth Nursery Co., Elizabeth, N. J.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Several thousand RUBBERS ready for immediate delivery at $150.00 per 1000; $16.00 per 100. Less than 100 17c.
Variegated rubbers, $5.00 per doz.
A. C. OELSCHIG & SON, Savannah, Ga.

Ficus elastica, Belgium-grown, 4-in., 25c; home-grown, 5 to 5½in., 7, 8, 9, 10 leaves, 30c, 35c, 40c to 50c.
G. Aschmann, 1012, Ontario St., Phila.

SALVIAS.

Surplus salvias, 4-in., $5.00, 5-in., $6.00 per 100. J. C. Ure, 2843 Evanston Ave., Chicago.

500 Salvia splendens, 2¼-in., $2.00 per 100. Cash. E. C. Boss, Honesdale, Pa.

SEEDS.

Berger's Never Fail superb giant pansies in mixture of all colors; sorts, prize strains. Try them. 1000 seeds, 25c; 5000, $1.00. All sorts and colors separate, 1000 seeds, 25c; 5000, $1.00. Primula Chinese—white, rose, crimson, scarlet, blue, 100 seeds, 25c; 1000, $1.75; mixed, 100 seeds, 20c; 1000, $1.50. Primula obconica—white, rose or mixed, pkt., 25c. Calceolaria grandiflora max. or dwarf, pkt., 25c; 5 pkts., $1.00. Calceolaria rugosa, shrubby, pkt., 25c. Cineraria max. or dwarf, giant flowers, pkt., 25c. Cineraria stellata, grand sort, pkt., 25c. Cyclamen, giant flowers—white, rose, blood red, 100 seeds, 65c; 1000, $5.50. Dracaena indivisa, oz., 25c. Dracaena australis, oz., 40c. Smilax, oz., 25c.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Seeds. Pansies—Finest giants, large flow., mixed, 5000 seeds, $1.00; half pkt., 50c; oz., $4.00. Daisies—Finest dbl. giant, pure white and rose mixed, 1000 seeds, 25c. Primulas—Improved Chinese, single and dbl., 15 vars. mixed, 500 seeds, $1.00; half pkt., 50c; also separate. Cineraria—Finest large-flowering dwf., mixed, 1000 seeds, 50c. Cash. 500 seeds of giant Mme. Perret added to every $1.00 pkt. of giant pansy seed.
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BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
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Buy your moss now while we are curing it. 1 bale or 100 at 60c each.
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HEATING.

I have a house 18x75 and ten feet high and one 12x75 and eight feet high. These are heated by an eight horsepower upright boiler. I have it lying flat, fire underneath, smoke returning through flues, in which position it has done good service. On the west side of the house I have three strings of 1½-inch to 1¼-inch run in expansion tank, with a 1-inch return to boiler. In the south side there are two 2-inch pipes reduced to 1½-inch also in expansion tank, 1-inch pipe to boiler. Could I improve the system if I should give it a large return pipe to the boiler, therefore causing a quicker flow? The small house has only three lines of 1½ to 1¼-inch reduced in tank, with 1-inch pipe to feed boiler. If I put in 1¼-inch pipe from tank to boiler would it not give a better flow? F. I.

I regret to say I do not understand the system which has been employed in piping these houses. I judge, however, from the description that an open circuit has been employed with an expansion tank or pipe at the far end of the house. If I am correct, the system can be improved by modifying it so as to employ the 2-inch pipes as feeders for several 1¼-inch returns placed in coils under the benches or on the side walls as may be desired. A single expansion tank placed ten or twelve feet above the highest point in the heating system and connected by a 1-inch pipe to the main return close to the boiler should care for the expansion in the entire plant and at the same time increase the pressure on the system so as to cause the water to attain a higher heat and to circulate more quickly. The flow pipes may be placed under the ridge of the house and the water caused to return through several 1¼-inch pipes, or the flow pipe itself may be carried under the bench and used to supply several returns, as in the other case. In your latitude, the house 18x75 feet, to maintain a temperature of 50° at night in severe weather, should be provided with a 2-inch flow, returning to the boiler through ten runs of 1¼-inch pipe, or what would be better still, two 2-inch risers, each supplying four lines of 1¼-inch pipe. The smaller house, 12x75 feet should have a 2-inch feed pipe returning its water through seven 1¼-inch returns to maintain the same temperature during cold weather.
L. C. C.

TABLE DECORATIONS.

A London florist not long ago made a fine effect by decorating a dinner table entirely with La France roses, the dinner service being pink Sevres, matching the flowers perfectly. Old china lends itself to this purpose readily, as was proved at the dinner party given by Baron and Baroness Alphone de Rothschild recently in their fine mansion, Rue Saint Florentin. The flowers were the orchids for which the baron's conservatories at Ferrieres are celebrated, and the golden and mauve tints of the blooms were thrown into harmonious relief by the pieces of green Sevres china placed on the table.

ESCANABA, MICH.—C. Peterson & Sons are building a greenhouse 22x100, the material for which was obtained of the A. Dietsch Co., Chicago.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

PIPING.

How many 1-inch pipes are required to heat a house 10x36, four and one-half feet to the eaves, seven feet to the ridge? The house runs north and south and is in no way protected against winds. The temperature desired is 55° when it is 15° below zero outside.

H. & S.

If the house in question is to be heated with steam at five pounds pressure it will require twelve 1-inch pipes to supply the desired temperature during cold weather. If hot water is to be used it is not advisable to attempt to heat the house with 1-inch pipe. If, however, the 1-inch pipe cannot be exchanged for larger size, say 1½-inch or 2-inch and hot water is to be employed, then nineteen pipes running the length of the house should be provided. With 2-inch pipe, however, the same work would be done with eleven pipes. In other words, it takes over 700 feet of 1-inch pipe to equal 390 feet of 2-inch pipe for hot water heating purposes. L. C. C.

PAINTING PIPES.

Please give us the name of a paint that can be used on the heating pipes without injury to plants and still be a preventive of rust. G. W. D.

On general principles it is not desirable to paint or otherwise cover radiation pipes. Where pipes pass through compartments in which heat is not desired, painting and otherwise protecting them is a direct means of preventing radiation and economizing in fuel. Pipes passing under the ridge and those which branch from a riser to feed radiators beneath benches may often be painted to advantage. The paint best suited for this purpose is the black asphaltum paint used by engineers for painting boiler fronts and other heated metal parts. This paint has no injurious effect upon plants if the painting is done while the pipes are cool and it has time to dry before the heat is turned on. L. C. C.

Joliet, Ill.—Edward Wittamer and Miss Barbara Reinhard were married on June 28. The groom is a prosperous young florist.

Owatonna, Minn.—The Clinton Falls Nursery Co. has begun the erection of two new houses, each 180 feet long. They recently purchased the Lord greenhouses and will shortly remove them to a location beside the new houses.

"NICOTICIDE"
KILLS BUGS
Tobacco Warehousing & Trading Co.
Louisville, Kentucky.

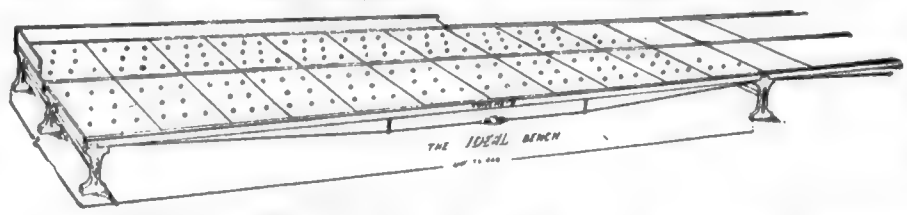
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FULL SIZE No. 2

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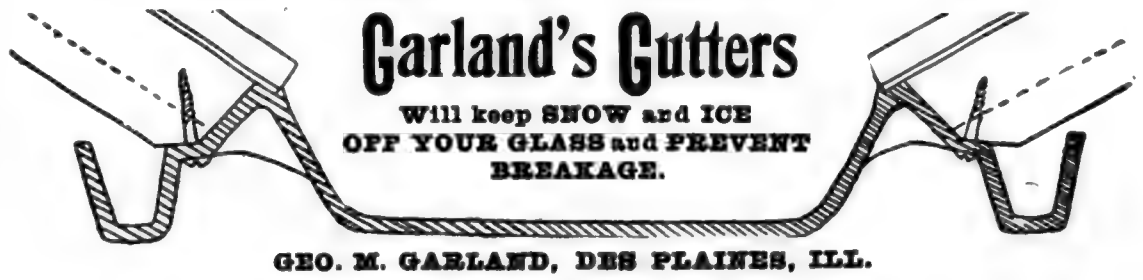
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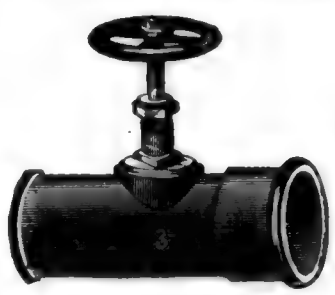
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No. 7	6x16x20	6.50	"	64.00	"
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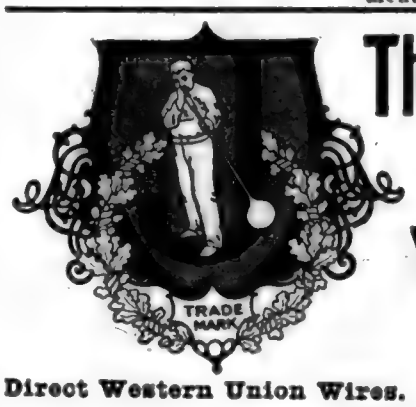
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G. L. GRANT, EDITOR AND MANAGER.

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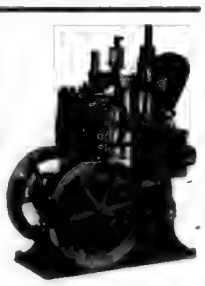
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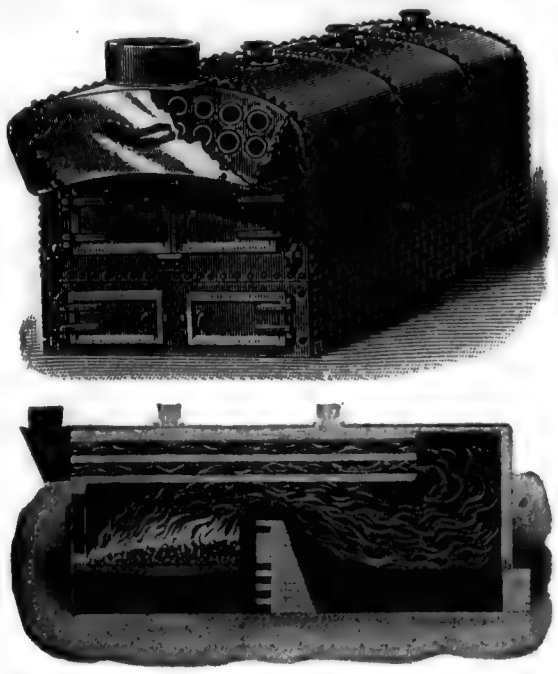
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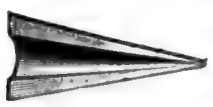
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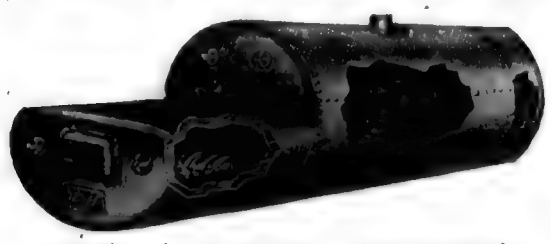
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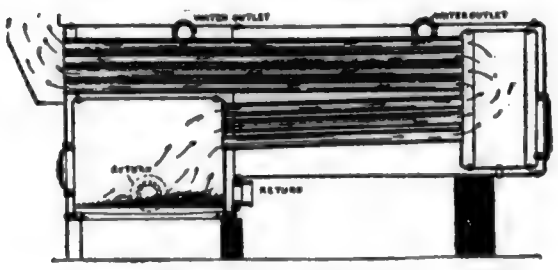
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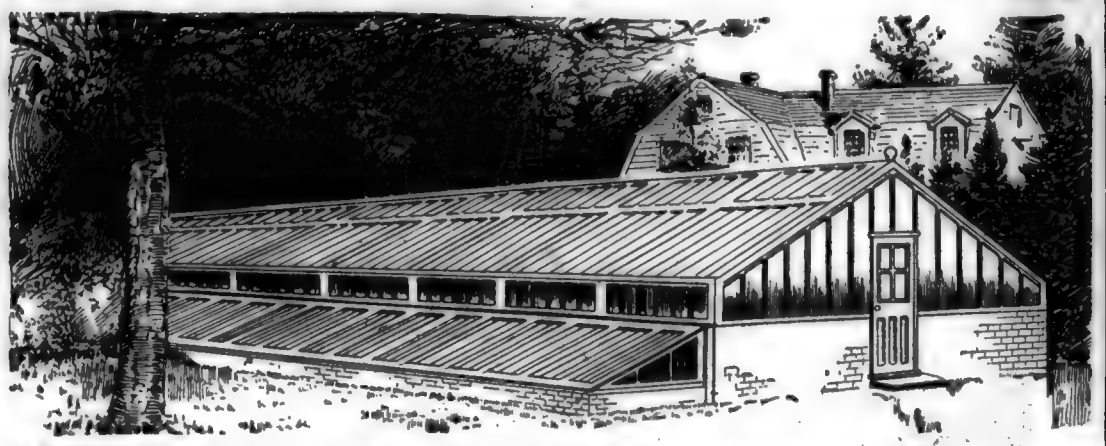
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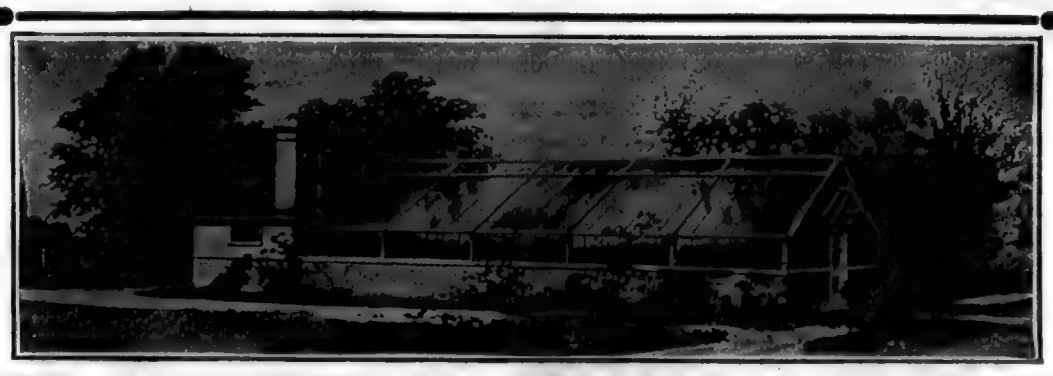
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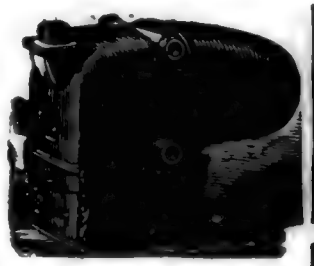
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DEPTH OF SOIL ON BENCHES.

Referring to Mr. Baur's article July 14, on the best depth for soil in carnation growing, my opinion is that three to four inches of firm soil is ample up to April 1, when a little more should be added, if not mulched previously, to prevent too rapid drying out. With three inches of soil plants will dry out more evenly than with four or five inches, and they can be fed with less danger, especially through the winter months. It is in the spring that the extra inch comes in handy. Therefore, I conclude that if blooms are wanted as late as July and August, use at least four to five inches of soil. If you throw out and replant early, use less.

I think water costs more than soil to the average grower, so that there are several things to take into consideration besides cost of soil. We use fencing for side boards and level off the bench evenly with soil. This settles to about four inches in a few months, allowing room for top dressing or manure watering if desired. Continual watering washes the soil through the benches, so that in spring about three and one-half inches of soil is left to which, of course, is added the loose top dressing.

As the benches by this time are full of roots, about April 1 an extra one-half or three-quarters of an inch of additional fresh soil, one-half manure, will help the plants greatly. Did you ever notice how a top dressing of about a half inch of old cow manure and a half inch of soil helps out roses during the hot months? Why shouldn't it be equally as good for carnations? It isn't necessary, however, if you have proper arrangements for manure watering, as it requires a lot of labor. Still, what are the results unless you put in time?

The whole thing really simmers down to this, that if watered and fed properly and in time less soil can be used than if the plants are left half the time to care for themselves. One thing is certain, you cannot plant 3½-inch plants in three inches of loose soil, nor is it advisable to plant such stock in four inches of loose soil; neither can you plant field-grown plants in soil of that depth unless the soil shakes off the roots pretty well, so that many will have to be guided by outside conditions. If blood and bone, sheep manure, and other good fertilizers are used, three inches of solid soil is ample. It is surprising how a plant will eat if fed properly.

I will add that if less than three inches of solid soil is on the benches during May, June, July and August, it will necessitate a lot of extra watering. The air itself, with the strong action of the sun, will abstract too much moisture and not leave enough for the plants. Then even the liquid manure will not be as beneficial as the extra inch of soil, so that, in a general way, I believe each grower has to decide his own case and plant accordingly.

It is well not to have too much soil in winter, as the quicker the bench dries out the sweeter the soil will remain. You can go to extremes either way. The watering part alone would decide my case.

AUGUST POEHLMANN.

I have never experimented with less than four inches of soil for growing carnations, but I coincide with Mr. Baur's opinion that four inches is much better than six inches. Our soil is a trifle heavy and with six inches of it in the benches it will get sour before we are aware of it, especially in the months of November, December and January.

S. J. GODDARD.

CARNATION NOTES.—EAST.

Soil and Planting.

Nature of soil plays its part in carnation culture, though I am inclined to think some of us are apt to attach too much importance to this point. Of course we would not choose an extremely sandy soil, or a very heavy clay one, but would prefer a happy medium.

In visiting different growers throughout the country one finds soils of widely different nature, but invariably the careful grower turns out good stock, showing that it is not so much the nature of the soil as it is the nature of the man who studies and prepares it. He must make himself familiar with its whole make-up and decide what is needed to add to its fertility, at the same time improving its mechanical condition if need be.

A soil may be ever so fertile and contain every element needed in exactly the right proportions, a balanced ration, as it were, and still have a tendency to get into bad mechanical condition through handling and watering. If your soil bears strongly on clay I trust when you rolled up the pile, a good quantity of horse manure was added and some that was neither fire fanged nor rotted beyond recognition. Soil of a sandy nature needs cow manure rather than that of the horse, but in either case it is advisable to employ both to some extent.

Remember that air-slaked lime has the property of greatly improving the mechanical condition of soil, be it clayey or sandy, besides neutralizing any acidity that may occur. Soils having the tendency above referred to should be remedied before planting or trouble of the chronic kind will result.

There are those who advocate using the same soil the second year, allowing it to dry out in the benches and adding fresh fertilizers previous to replanting. While fair success has attended my several trials made along this line, I cannot endorse the method; in fact, my opinion has been that owing to our having an extra depth (ten inches) of soil in the benches tried, this circumstance was the main reason of the degree of success attained. These benches were later reduced to a depth of five inches.

The advice given to a grower by Mr. Baur and myself a year ago against using soil frozen in a house during the late coal strike, proved sound. The grower in question removed the greater part, refilling with new soil, leaving a small section of old soil for trial. The result showed such a marked difference between plants in fresh soil and those planted in the trial section that no doubt remained as to the false economy and great risk in using the same soil a second year.

Good planters, like artists and waterers, as Brother Scott says, are born and not made, but the main features are to plant firmly and no deeper than they stood in the field, rather less.

I have always held that the carnation is not unlike the strawberry in that its roots should be carefully arranged when planted and not dropped into a hole in a tangled mass. To do this properly and handily, dig a hole of good size, forming a mound in the center, on which arrange the roots to radiate in every direction. When covered in with soil and firmly pressed down, every root and its tributaries should have good contact with the soil and will cover sufficient area to draw a good food supply.

Plant in straight rows each way to facilitate putting on supports and cultivation between the rows. Do not plant too many before watering and in no case soak the soil to the point of saturation. A pint of water applied directly around the stem is sufficient for the first watering. Frequent spraying during the next few days after planting will assist in the establishment of the plants, at the same time wetting the soil more or less.

When digging plants in the field do not fail to leave a few to replace those which may die or do not give promise of doing well. These can be lifted and potted later for use as required.

GEO. S. OSBORN.

CARNATION NOTES.—WEST.

Preparations for Planting.

When you house your plants you should use a good deal of foresight in deciding where you plant the different varieties so that later on you will not be wishing that you had planted some of the varieties on another bed or in another house. Of course, we cannot tell what conditions may arise a year or six months ahead, but every grower knows that he will want a certain amount of space the next spring for his young stock and he also knows which bed or bench he would prefer for it, and by planting on that space a variety which he can dispense with after January 15 he can save himself much worry. Some growers plant without any such forethought, depending on some bench or bed to prove unprofitable for space for the young stock. That works all right whenever you happen to have such a bed, but suppose all your beds are in fine shape just when you want the room for the young stock? The plants you expected to discard about that time may be planted on a bed which is not very well suited for the young plants and so you will either have to place them in an inferior position or else throw out a bed of plants which are in good shape and profitable. As I said before, it will pay you well to bear this in mind.

If your houses are modern you will have no trouble about head room, but many of the older houses have beds too close to the glass to grow many of the varieties. Plant such varieties as Lawson and Glacier where there is the least headroom and such varieties as Lorna and Harlowarden where there are at least four feet between the bed and the glass. Then, again, don't plant a short-growing variety on the same bed with a very tall variety unless you use individual

wire supports, but plant all varieties that need about the same amount of supports on a bed together.

While all the above suggestions are worthy of consideration they are, of course, second in importance and must be subject to the temperatures required by the different varieties. This last is by far the most important in deciding where to plant each variety.

If you plant all your carnations early it does not make a great deal of difference which variety you plant first, but if you plant some early and some late you should pick out the heavy and slower growers to plant first. Such varieties as grow wiry and rapidly will recover quicker and will bear late planting better than Lawson and such varieties.

Another thing which should have much to do with the time you plant, is the condition of the growth. If you have had much rain and the plants are growing rapidly I would advise you to wait until they have passed through a short dry spell, which will ripen the growth somewhat and less wilting will result. A few years ago we made a practice of waiting for a rain and digging our carnations as soon as possible afterward, because it is usually cooler for a few days. In some soils this is necessary in order to get the roots up without tearing them too much. Our soil is sandy enough to crumble, whether it is moist or dry, and we have no trouble in securing all of the roots. We find that after a week or so of drouth the plants are in shape so they will wilt very little and the roots, as soon as they are set in the moist soil, freshen up and take hold at once.

Be sure and see that the soil is in a proper state of moisture when you plant. The day before you intend to plant examine the soil carefully and if it is too dry give it enough water so that when you plant it will be about as moist as it should be used for potting; moist enough so it will not shrivel the roots and yet not wet enough to be packy. If it is too wet when you plant you will find that it will quickly sour and turn green on the surface, often causing stem-rot and other diseases. The plants will not thrive as they should after the soil has been handled too wet.

Fumigating.

An inquiry has come to me regarding the best way to burn the To-bak-ine fumigating powder and as there may be others who may benefit by our experience I will answer in this way: Take a piece of heavy tin, the heavier the better, about 10x18 inches. Bend about two inches at each end so it will point upward and outward. Then take a piece of wire fly-screen the same size as the tin and lay it over the tin and bend the ends down and under so it will be hooked securely. On this screen lay a piece of paper sprinkled with kerosene, on top of which spread the fumigating powder, one-half to one pound, and light around the edges. If the tin is not stiff enough to hold the wire screen up in the middle you can punch two or three holes in the tin at each end and run pieces of heavy wire through and under the screen, or you can lay something noncombustible between the tin and the screen. The screen being raised allows a good draft, which is not possible when the powder is spread on a solid piece of tin. Burned in this way you will find this powder very effective in destroying green and black aphis and much less harmful to the plants than burning tobacco stems during this hot weather.

A. F. J. Baur.

PLANTS AND SOIL.

Should I buy field-grown carnation plants or those from 3½-inch pots for shipment to southern Texas? What I want is the safest stock to plant here about August 10, to bloom about December 10. Would you advise leaf-mold fresh from the woods in preference to a stiff loam from the garden that has been cultivated several years and which had a liberal dressing of manure last spring?

A. W. K.

There is no reason why carnation plants from the field, if packed carefully, should not carry to your city in good condition. Any of the up-to-date carnation growers will know how to pack them for long distance shipping and there are a number of them who can lay them down in your city within four days after packing. Order as close to home as you can. Plants from 3½-inch pots would, of course, stand the journey somewhat better and if you can be sure that you will get first-class, well-branched plants it would no doubt pay you to get them. They will suffer less and will take hold better than the others, but I doubt whether you will get as good plants as you would from the field.

Don't use leaf-mold for growing carnations. A good heavy friable loam is what you want. You should have begun preparing your soil last fall, or at least in the spring, but if your garden soil is in good mechanical condition it may raise fair carnations. I would advise you to mix either some old cow manure with it, about one part manure to four of soil, or a bushel of sheep manure to a cubic yard of soil. If there has been no crop growing on it this summer the dressing of manure you gave it last spring may be sufficient.

A. F. J. Baur.



ROSES

DRYING OFF STOCK.

Roses, such as Bride and Bridesmaid, which are to be carried over for another season's work, should now receive the treatment necessary to fit them for this purpose. As the necessary elements to sustain another year's growth will be partly exhausted and the soil, by reason of last season's feeding, will have become overcharged with salts, which are detrimental to the health of the plants, a removal of as much of this soil as can be done with safety to the roots is advisable. In order to accomplish this with as little injury to the plants as possible the stock should be brought into a state of partial rest.

This can be done by gradually withholding water from the roots, giving ample ventilation both night and day and using the syringe to keep spider in check while the ripening is going on, as any injury to the foliage during this process is just as detrimental to the health of the plants as when they are in full vigor. Care must be taken not to dry them so much that the leaves will shrivel or the young wood wilt during very bright weather. In two or three weeks with this kind of treatment they will be ripe enough to be operated on.

Carefully remove all the small blind wood and cut back the strong shoots to five or six eyes. Then remove as much of the surface soil as can possibly be done without injuring the roots. The surface should then be sprinkled with air-slaked lime and the bench filled up again with a compost of about equal parts of well rotted cow manure and good fibrous sod.

The bench should then get a thorough soaking, after which for the first week a cool, close atmosphere should be maintained when possible. During the night the ventilators can be nearly fully open, thus retarding the breaking of the eyes until root action has again been established.

By tying the stronger growths in a horizontal position the buds which are at the base of the stem and in a dormant state will be encouraged to break and form nice shoots. Frequent and light syringing, while helping to keep the house cool, will also, by keeping the air moist, hasten the breaking of eyes. As the leaves develop and the young growths begin to reach, ventilation should be increased and watering be resumed.

Ribes.

LARVAE.

Enclosed I send some leaves from my rose plants. You will see the injury of some insect. Please tell me what it is and how to combat it.

C. H.

Judging from the quality of leaves enclosed, I would say you are having good success in your efforts as a grower. The pest which is creating havoc with the foliage is the larvae of one of the sawflies and, as it assumes the pupal state in a little over a week, its depredations will soon cease. As it works mostly at night it is rather difficult to find. Dusting the leaves with pyrethrum pow-



A Field of Joseph Tailby's Hybrid Calla, Mrs. Theodore Roosevelt.

(Awarded Silver medal of Massachusetts Horticultural Society, also S. A. F. medal for best new plant of American Origin exhibited at Boston.)

der is a very effective remedy. One of the surest methods of destroying this pest quickly is to mix finely sifted bran with Paris green, in the proportion of one part of Paris green to sixty of bran, and apply with the powder blower.

RIBES.

THE BETTER PLAN.

Will you please tell me the proper time and conditions required to give Bride and Bridesmaid roses a rest for a second season? These roses were struck by hail in March and given a cutting back and mulched. They are now giving a good crop of flowers, with clear foliage and long stems. How shall I treat them for a good crop for this winter?

F. W. R.

Seeing that these roses got a check in March and were cut back, they do not now require much of a rest; in fact, the best treatment, as they are doing so well, would be to keep them going and feed judiciously. RIBES.

TOBACCO LEAVES.

We have a chance to get a couple of loads of very fine Wisconsin tobacco leaves which were cut last year and, being in a warehouse all winter in a damp place, became somewhat mouldy and cannot be used. We would like to know whether it would be of any value to save this for fertilizer, or if they could be used to any other advantage for greenhouse purposes. C. E. S.

These tobacco leaves are quite suitable for ordinary fumigating purposes and if steeped in water for twenty-four hours the decoction is one of the best insecticides. As a fertilizer they would not be any better than plenty of ordinary farm yard manures and would be more uncertain in their effects. They can be put to good use in the form of ashes. Vegetable ashes contain most of the elements necessary to plant life but in a very concentrated form and should be used with caution. RIBES.

NEW ROSES.

The gold medal of the National Rose Society of England was awarded in two instances at the show at London, July 6, to new varieties that have not been previously exhibited. One of these was named Dean Hole, and was shown by Alex Dickson & Sons. It is presumably a hybrid tea, and somewhat resembles in color and form the variety Mrs. Mawley, but the color is rather richer and the form a little better.

The other variety awarded a gold medal was named Mrs. O. G. Orpen, and was shown by Mr. O. G. Orpen. It is a climbing damask rose, with single flowers of a rich shade of pink color, four to five inches in diameter. It is a strong grower, and has large, vigorous-looking foliage. The variety would be especially suitable for cultivation against a pillar.

Cards of commendation were awarded to the two varieties following: Irish Harmony, shown by Messrs. A. Dickson & Sons, a single rose of pale cream color, some six inches or more in diameter, the orange-colored anthers having a good effect. It is said to form a magnificent bush. The foliage is bright and very smooth. Lady Betty, also exhibited by Dickson & Sons, is of the hybrid tea class; the petals are reddish-rose on the exterior, and bronze or buff-colored inside.

New roses since 1901, issued by nurserymen of the British Isles, were represented by some exquisite specimens, showing the great advance made in such a short period. Mildred Grant was again in the foremost position. The box containing the prize group, shown by B. Cant & Sons, Colchester, contained Mamie, Mildred Grant, Robert Scott, Frau Karl Druschki, Helene Guillot, Jean Batuatois, Apotheker G. Hofer, Alice Lindsell, Florence Pemberton, Lady Moyra Beauclerk, Ben Cant and Edith D'Ombrain.

VIOLETS.

Which is considered the more profitable violet to grow, Marie Louise or Princess of Wales? How many flowers per plant for the season will good stock of each of the above average? W. B. S.

In answering this question I would not like to name either the one or the other as the more profitable for this reason, that circumstances alter cases and every grower must find out for himself. This can be done pretty fairly with a year's trial, providing one is systematic and keeps an accurate record of blooms cut each day the whole season through, keeping each kind separately. Then you can tell which pays best per week, per month and for the whole season, providing also that you keep a record of the price received for each in the same way. Then, too, there is the taste of the market to be considered. Where you are, perhaps, the kind that gives you the greater quantity of flowers is not the popular one with your trade. This being the

case you have to grow what is wanted. With us the Marie Louise is the more profitable but, as I say, it may not be in your locality. Therefore, if I did not know for which there is the greater demand and which does the better in your soil I would plant equally of both kinds, keeping an accurate account and the end of the season will tell you definitely and without guesswork the kind that you want to grow the following season.

In answer to the second question, here again there is no telling, as so much depends on the care given them, exposure of house and the thousand and one details that go to make a good crop. Fifty flowers per plant is considered a good average for any kind, but this can be made more or less, as I have said, by the care taken and the size of the plants.

R. E. Shuphelt.

CONVENTION EXHIBITORS.

The following are the exhibitors who had, up to July 25, engaged space in the trade display at the St. Louis convention:

Class A—Plants: Lemuel Ball, Philadelphia; A. G. Greiner, St. Louis, Mo.; Vaughan's Seed Store, Chicago; Geo. A. Kuhl, Pekin, Ill.; Chas. D. Ball, Philadelphia; Henry A. Dreer, Philadelphia; J. A. Peterson, Cincinnati; Geo. Wittbold Co., Chicago; Lager & Hurrell, Summit, N. J.; A. C. Oelschig, Savannah, Ga.; Jos. Heacock, Wyncote, Pa.; Siebrecht & Son, New Rochelle, N. Y.; John Scott, Brooklyn; A. Jablonsky, St. Louis.

Class B—Cut Flowers: H. A. Dreer, Philadelphia.

Class C—Boilers: Kroeschell Bros. Co., Chicago; Herendeen Mfg. Co., Bloomington, Ill.

Class D—Appliances: Ionia Pottery Co., Ionia, Mich.; Quaker City Machine Co., Richmond Ind.; J. G. & A. Esler, Saddle River, N. J.; Jno. C. Moninger Co., Chicago; The King Construction Co., North Tonawanda, N. Y.; A. Dietsch Co., Chicago; Niagara Cement & Concrete Co., North Tonawanda, N. Y.; Lord & Burnham Co., Irvington-on-Hudson, N. Y.; H. Thaden, Atlanta, Ga.

Class E—Supplies: M. Rice & Co., Philadelphia; H. Bayersdorfer & Co., Philadelphia; Lion & Wertheimer, New York; Reed & Keller, New York; Samuel S. Pennock, Philadelphia; Adolph Brix, St. Louis; L. Baumann & Co., Chicago; Thos. Collins, Hinsdale, Mass.; Schloss Bros., New York; Sperry Mfg. Co., Owatonna, Minn.; J. W. Sefton Mfg. Co., Chicago; Hummell & Downing Co., Milwaukee; Dayton Paper Novelty Co., Dayton, O.; C. S. Ford, Philadelphia; The Roseville Pottery Co., Zanesville, O.; Ed. Jansen, New York; L. B. Brague, Hinsdale, Mass.

Class F—Bulbs: Vaughan's Seed Store, Chicago; J. A. McDowell, City of Mexico.

Class G—Wm. Simpson & Sons, Philadelphia.

Others have engaged space for signs.



Hybrid Calla Mrs. Theodore Roosevelt.

SOCIETY OF AMERICAN FLORISTS.

Important to Exhibitors.

Intending exhibitors at the St. Louis convention are requested to read carefully the revised rules adopted by the executive board last March, whereby all exhibitors are required to make special entry with the superintendent of such novelties in plants, flowers, supplies or other material, new devices and improvements in apparatus, as they desire to have passed upon by the judges.

The judges will not report upon or make awards to any exhibits where the owner has neglected to make proper entry.

Department of Plant Registration.

M. H. Walsh, Woods Hole, Mass., submits for registration rambler rose Felicity, parentage Crimson Rambler x Gen. Jacqueminot; flowers very double, bright scarlet-crimson, one and one-half to two inches in diameter, borne in clusters as in Crimson Rambler; vigorous grower and may properly be described as a Jacqueminot Rambler; hardy at Woods Hole. Wm. J. Stewart, Secretary.

JOSEPH TAILBY.

Among the New England florists, few names are better known or more respected than that of Joseph Tailby, of Wellesley. Mr. Tailby is an Englishman by birth, having first seen the light near Market Harbor, Leicestershire. His first start was made at the Hamberstone Nurseries near Leicester, owned by George Walker. From there he went as foreman to Captain Boulther, Springfield House, Knowle, Warwickshire, later going as head gardener to Geo. W. Dowler, also of Knowle. His next position was with the still celebrated house of James Carter & Co., London, with whom he stayed until he essayed to try his luck in the New World.

Landing in New York in 1865, Mr. Tailby drifted to the establishment of the late C. J. Powers, of South Framingham, Mass. Dahlias at this time, of the show and fancy varieties, were becoming popular in America. Dry roots imported at 3 and 6 cents each from England were propagated for all they were worth, and small plants were readily disposed of at $9 per dozen. While at South Framingham, Mr. Tailby received some tempting offers to go to positions in New York and farther south, but liked Massachusetts too well to leave it.

In 1868 he started in business on his own account at Wellesley, not far from his present location. He started with eighteen hotbed sashes. In those days verbenas retailed at $1.50 per dozen and tomatoes at $1. Potatoes, too, were on the boom at this time. Some of Breesee's varieties were secured and cuttings

of the newest and best sorts rooted in pots sold at $18 per dozen.

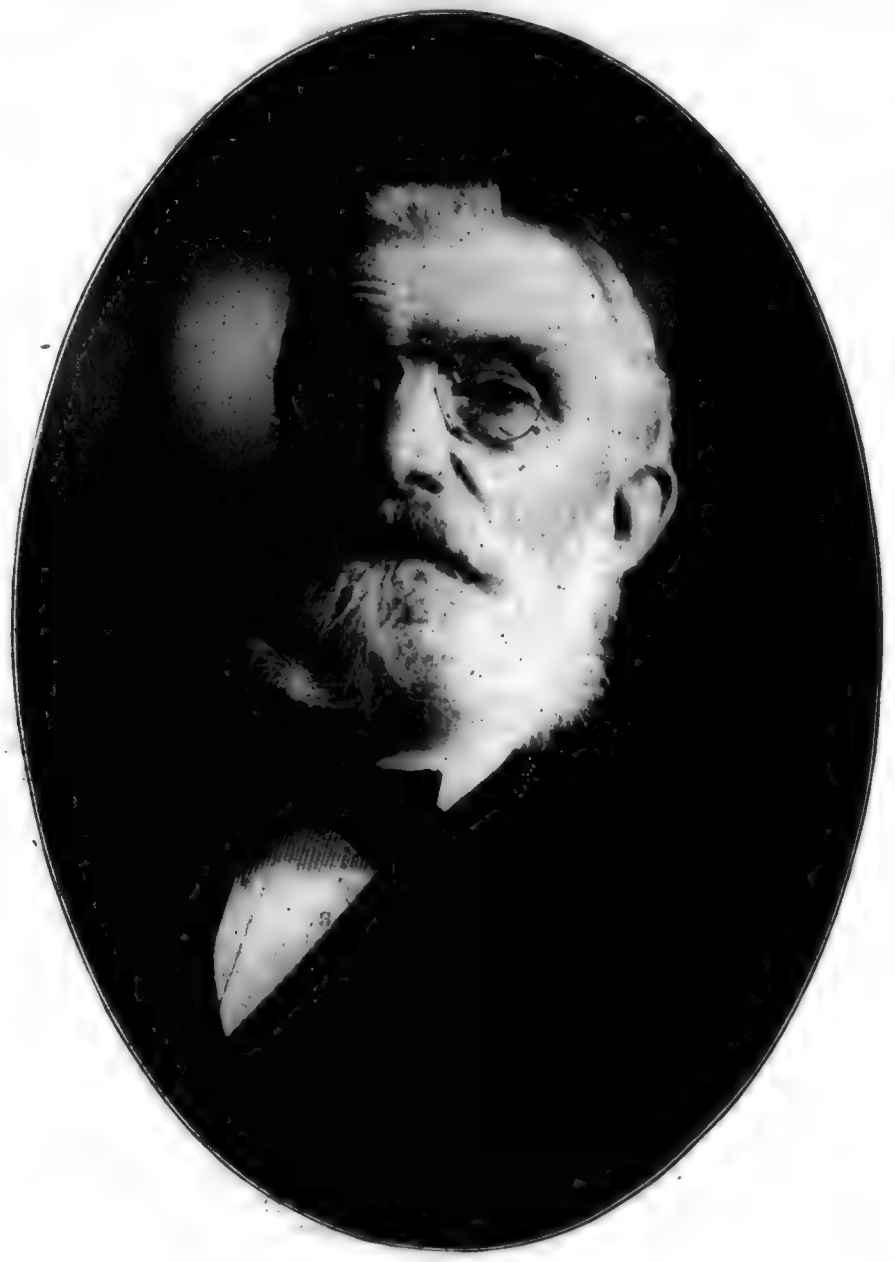
The next year Mr. Tailby built three houses, each 10x50, heated by flues, quite an impressive plant in those days. He was probably the first to force H. P. roses, having no less than fifty varieties. Marechal Niel, Bon Silene, Niphetos, Safrano and other old favorites were also handled.

Mr. Tailby was, we believe, the first hybridizer of carnations in America. The best variety which ever came from his hands, and will forever be associated with his name, was Grace Wilder, the result of crossing Boule de Niege and La Purite. This variety received the first certificates ever issued for an American-raised carnation, both in New York and Boston, in 1880, also a prize of $30 from the Massachusetts Horticultural Society. Few carnations have attained Grace Wilder's popularity. Other varieties raised included Fred Johnson, scarlet; Henry Priest and Henrietta Sargent. None of these, however, gained the favor of his first seedling.

While always a strong carnationist, Mr. Tailby did not neglect other lines. He introduced Tailby's Hybrid cucumber, a result of crossing All the Year Round and White Spine, selling his stock of seed at $80 per pound. He introduced Little Gem calla in America, selling $3,000 worth of that variety and securing a silver medal for it in Boston. A sport from Gloire de Lorraine begonia, named Glory of Wellesley, also received a silver medal. Good authorities still consider it the best sport of that popular begonia sent out. Many other plants of European origin were popularized by Mr. Tailby.

He is still as busy as ever in the field of hybridization, his new calla, Mrs. Theodore Roosevelt, not yet in commerce, being one of his best hybrids. He also has numerous other seedlings which are bound to become popular, particularly as bedding plants. Though far from a young man, Mr. Tailby is still hale and hearty and a veritable encyclopedia of horticultural lore. His greenhouse plant, close to the picturesque Wellesley station, on the Boston and Albany Railroad, is well known to florists. For some years one of his two sons, W. W. Tailby, has been associated with him in his thriving business, and being a "chip of the old block," the firm of Tailby & Son is bound to be heard from in the future, as it has been in the past. Long may father and son be associated together!

W. N. CRAIG.



Joseph Tailby.

PRICE OF GLASS.

Leading window glass jobbers west of the Alleghany mountains held a meeting at Chicago July 26 and decided on a 15 per cent advance on the price of window glass. The decision probably will affect the entire western glass market. The advance was decided upon unanimously. It was said that glass had been selling for less than the cost of production. After the price agreement had been made, the discount rate of ninety and fifteen per cent was made the rule for future orders.

NUMBER OF FLOWERS.

We have Geo. S. Kalb in a solid bed without glass at present. The plants are fifteen to eighteen inches high, three to five shoots to a plant, and more shoots coming around the base of the plants. What treatment should be given them to get four to six flowers to a plant?

INQUIRER.

The only thing necessary to do is to thin out the shoots on each plant to the desired number, allowing for each shoot to carry one flower. If the shoots around the base are merely suckers coming through the soil, I think the better plan to follow is to remove all these from the plants and allow them to carry three to five shoots only, which is enough for any plant if half way decent flowers are looked for. A multitude of flowers is always at the expense of quality.

When the correspondent makes up his mind just how many shoots to keep it will be good policy to run over the plants once a week at least to keep all superfluous growth removed.

BRIAN BORU.

NEW YORK.

The Market.

The week opens with business stagnation, humid weather and light and inferior stock generally in the cut flower market. There seems to be little prospect of encouraging improvement until after the convention. Gladioli are now arriving in floods and prices have receded to $1 per 100 for the best, while the old summer figures of 50 cents will doubtless be reached before the week is over. Smilax is a drug and Sprengeri does not seem to be wanted at any price.

Roses, carnations and lilies are not in excess of the demand, but low prices still prevail, except for special Maids and Beauties. Lilies are not so abundant and values have improved. Asters are here in all sizes, colors and qualities, and the shipments increase daily. No street outlet for the surplus is yet in view. The sidewalk merchants will dispense fruit and hot corn at Coney until the dog days are over.

Convention Trip.

The St. Louis convention is a topic of general interest. Regrets at the decision of Philadelphia to "go it alone" are heard, the delightful companionship of John Westcott and his cohorts and his liberal dispensations on the way to Asheville not yet having passed from our memory. A goodly crowd will come from New York, traveling on the Baltimore & Ohio. We count on half a hundred.

Death of C. H. Joosten.

It was the intention of Mr. and Mrs. C. H. Joosten to enjoy the convention and the Fair. The sudden death of Mr. Joosten last Thursday is sincerely regretted by a large circle of friends and business associates, by whom he was highly beloved and respected. He had only recently returned from a happy visit at the nurserymen's convention in Atlanta and gave no evidence of serious illness until shortly before he passed away, on Thursday, July 21. All arrangements had been made with his European houses for the usual large fall importations.

Mr. Joosten was born in 1838, at Amsterdam, Holland, and came to this country in 1856. He served during the

civil war in a Wisconsin regiment and at its close engaged in the hardware business in Minnesota. He has been engaged in the importation of bulbs and horticultural goods in New York since 1873 and the business will continue under the same title as in the past.

The funeral services were held on Saturday evening and the burial at Greenwood on Sunday. The sympathy of his friends in the trade is extended Mrs. Joosten in her bereavement.

Various Notes.

Arthur I. Boddington is comfortably installed in his new and commodious quarters on West Fourteenth street, and is dispensing rapidly his latest orchid importation.

Mr. Ward, of the Cottage Gardens, contemplates a visit to Europe about the first of August. L. C. Bobbink is already there, and August Rhotert. Ralph M. Ward has just returned, via the Etruria, after a most successful business and pleasure journey, and with abundant importations arranged for that will keep his three representatives busy on the road for many moons.

Wm. Donohue, manager of Thos. Young, Jr.'s, One Hundred and twenty-eighth street store, has combined his vacation and honeymoon, and will return from his month's outing at Tannersville, in the Catskills, next week. He was married at St. Patrick's Cathedral, New York, on July 10 to Miss Anna Gertrude Cronin.

Geo. W. Crawbuck, the wholesaler of Brooklyn, is spending a few weeks with his family at East Gnogne, L. I.

Geo. Saltford, the violet expert, will enjoy a few weeks with his family on the shores of Lake Ontario, spending a week or more on his return among his growers at Rhinebeck and vicinity. His son, Clarence, is now in charge at Twenty-ninth street, having recovered from his severe injury at the club outing in June.

John Hydebrough, of J. K. Allen's force, is enjoying his vacation at Rockaway.

John B. Waldis, of Roanoke, Va., florist and nurseryman, is taking in the sights of a great city and visiting Arthur Wiese, of Ghormley's.

Arthur Hunt, of Langjahr's, is taking in several Long Island resorts during his vacation. His employer and Mrs. Langjahr contemplate enjoying the convention and exposition at St. Louis. Mr. Langjahr is handling a splendid assortment of water lilies.

Albert Bock and John F. Sharkey, of Thos. Young's retail department, and Wm. Sampson, of the wholesale, contemplate spending their vacation in the mountains. Albert Roetke, the artistic designer of the Fifth avenue store, will also leave for a month's outing on Monday at Block Island.

Julius Lang makes weekly trips to Atlantic Highlands, where his family is located for the summer.

Jos. Fenrich will visit his mother at her home, Lanesville, in the Catskills, next week and will combine business and pleasure by calling on his growers while away. He is quite enthusiastic as to his prospects and well pleased with his business to date.

A. Miller, of Brooklyn, reports his best season in bedding stock, but much injury to his nursery department at the Jamaica establishment last winter. He has over 6,000 plants of his specialty, the Camæliaflora dahlia, and has a new white of much merit which he imported last season.

John Martin, of Traendly & Schenck, is enjoying a two weeks' vacation.

John B. Nugent, Sr., aged 83 years, and John B. Nugent, Jr., weight 222 pounds, of Young & Nugent, enjoyed a fishing trip together last week and "brought home a wagonload of black bass and bluefish," to quote from the younger of the fishermen, who is now on a fish diet in preparation for his arduous duties as a member of the rose grading committee at the St. Louis convention.

Tommy Miller, of Walter Sheridan's, and John Reynolds, are away for their annual rest, and Samuel Kilpatrick, the bookkeeper, goes August 9 to the everlasting hills of Rip Van Winkle. Mr. Sheridan is enjoying his restful hours at adjacent resorts and among his growers.

John Young adopts about the same system of recreation and, unfortunately, neither of these gentlemen will attend the St. Louis convention.

Miss Kathryn Dowd, bookkeeper for Charles Millang, will leave early in August for a long and well-earned holiday at Lake Hopatcong. Miss Hattie Wollreich, bookkeeper for Alex. Guttman, will leave next Monday for a two weeks' stay at the same delightful resort.

Miss Lizzie Hull, bookkeeper for J. J. Perkins, leaves the city on Saturday for her two weeks' outing at Rockaway.

Michael C. Ford, of Ford Bros., is at Greenwood Lake, and closes his second week of fresh air on Saturday. L. Allen and Frank Haywood, of this house, have been enjoying their annual vacation in the Catskills.

Arthur Schloss, of Schloss Bros., the ribbon men, is visiting in the mountains, and Emil Schloss will join his family there next week and remain until time to start for the convention. Schloss Bros.' ribbon exhibit at St. Louis will occupy double the space used at Milwaukee.

P. Smith, of John I. Raynor's, is summering with his family at Elizabeth, N. J.

Geo. L. Olney, bookkeeper at Raynor's, has just returned from a week's camera outing in Jersey. Mr. Olney uses his pictures for stereopticon lectures and has made a success of this practical "side" enterprise, especially in his temperance speeches, which he makes very effective in this unique way.

J. K. Allen has left Paris for the "ould sod" and will start for home August 24 on the Baltic, the largest vessel in the world.

Theo. Lang, the captain of the New York Bowling Club, has added another bowler to his family. The boy is a credit to his father and will commence practice early.

J. Austin Shaw.

PHILADELPHIA.

It takes about an hour for the wholesaler to rush through the business in the mornings. This is followed by a day of comparative quiet, when the books may be scrutinized, plans made for the coming season and growers visited. Of course, there are occasional flurries announced by a hasty footstep or a tinkling bell to disturb the summery quiet.

Really good flowers are decidedly scarce. S. S. Pennock filled an order for 100 cattleyas a few days ago. Roses are in fair supply. Besides Beauties and Kaiserins there are some very fair Brides and Maids for midsummer. E. Bernheimer is getting some nice flowers with good foliage. Carnations are rather scarce. Besides the varieties named lately, Edw. Reid is getting some nice Crockers. The outdoor blooms will be welcome.

Asters are by no means plentiful; a shortage in the crop is expected. Gladioli are plentiful. Valley is in demand at times and scarce. Leo Niessen has some pink lilies. A few Harrisii can be seen.

A New Geranium.

It is a well-known fact that the up-to-date newspaper man has to get much of his information from those on the inside on the wing, so to speak. So it was in this case, when the Review's man caught John Ruppert, of the H. A. Dreer Co., while he was hurrying from the Flower Market to catch a train for New York. While walking down the street Mr. Ruppert spoke of the good demand in Gotham for small palms and ferns and then with a joyous smile he told of the hit that will soon be made by the new geranium, Telegraph. It is described as a vastly improved General Grant, is of robust habit, very free flowering, flowers large, single and of color resembling Grant. This new variety is introduced by Thomas Devoy & Son, Poughkeepsie, N. Y., and will be sent out by three firms. It is a cross between Mrs. E. G. Hill and Wonder and is expected to surpass the standard varieties.

Various Notes.

Joseph Beavis & Son are cutting nice Kaiserins from their new house, 14x150 feet, built last April.

H. Bayersdorfer and wife were passengers on the Kroonland, sailing from Antwerp for New York last Saturday.

Walter P. Stokes spends his Sundays at Mt. Pocono, where his family are spending the summer.

M. Rice & Co. are working full time to keep pace with the demand for supplies from the florists.

Edward Reid is busily engaged in improving his place to facilitate the handling of an increased stock promised for next season. Mr. Reid does not know whether he will go to St. Louis, but laughingly said he would probably jump on the last car.

Charles F. Edgar is off on his vacation.

H. Whelen, of Newtown, is sending some good Brides and Maids to the Flower Market by Frank Lovell.

Eugene Bernheimer is spending the summer at Fort Washington, from which point he is making visits to the growers in the afternoons.

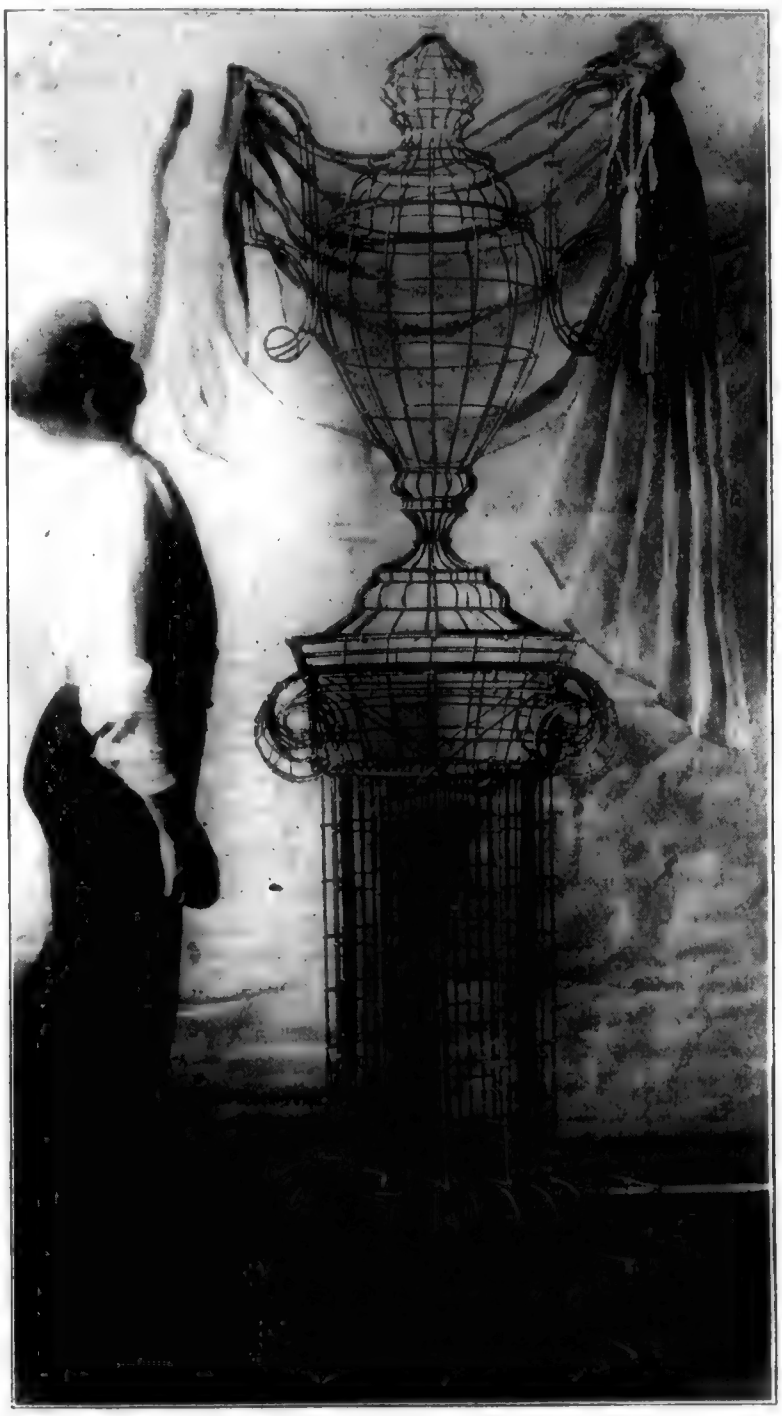
Paul Berkowitz has some new and pretty wares tastefully displayed at his firm's store, H. Bayersdorfer & Co.

Thomas B. Meehan has invited a party of friends to see Thomas Meehan & Sons' nurseries at Dresnertown the first Saturday in August. A game of cricket between the gardeners and florists of Philadelphia and Montgomery counties is on the program.

The Latest News.

The Hon. Samuel W. Pennypacker, governor of Pennsylvania, has been pleased to grant the application of Leo Niessen, W. E. McKissick and Arthur Niessen for a charter to carry on the wholesale florists' business as the Leo Niessen Co. The charter, duly signed and sealed, reached this city last Tuesday.

A fairly well attended meeting of the creditors of Robert Craig & Son listened



Frame for a Large Floral Design.

to the report and approved Assignee Burton's plans on Tuesday afternoon.

PHIL.

Aster and Canna Show.

An exhibition of all the new and meritorious varieties of China asters and cannas is invited at the meeting of the Florists' Club of Philadelphia, to be held Tuesday evening, August 2. All those desiring to send exhibits should forward same prepaid, care David Rust, Horticultural Hall, Broad street, above Spruce, Philadelphia, Pa.

EDWIN LONSDALE, Sec'y.

A LARGE DESIGN.

Every once in a while a florist gets an order for a funeral piece, which, from the amount of money to be represented, taxes his ingenuity. The head of a department in some big concern passes away, and each one of the employes under him contributes 50 cents or a dollar to buy a funeral piece. An order for $100 or $200 or more is not to be sneezed at; neither is it to be treated lightly if it calls for the use of the entire sum all in one piece. The larger the design the more limited in choice is the maker. If fancy stock is used a fine result can be obtained and a large value represented, but in the majority of cases this is not satisfactory; size is what is wanted. A great cross, a massive column or a huge urn meets with the approval of the customer.

Along this line is the large new design represented in the accompanying reproduction from a photograph. This was made by Reed & Keller, New York, and stands seven feet high. It is in the form of a draped Grecian mortuary urn on an Ionic pedestal, the drapery being made of wire netting so that it can be filled with flowers. Some of the leading New York retailers who have seen this frame have expressed the opinion that when filled with flowers it could be made the handsomest piece ever made up. Reed & Keller will show this huge design in their exhibit at St. Louis.

BUFFALO.

Except for the inevitable, there is little business, but as much as can reasonably be expected. We find our wholesale house loaded up with flowers and Wm. Kasting is not so busy with flowers as he is distributing Croweanum.

Those who can get away for a few weeks are taking advantage of this slack time. Jos. H. Rebstock has been handling the ribbons on a coaching party through the highways of beautiful western New York, and a jolly automobile party from Detroit passed through the city recently. Conspicuous as occupants of the car were President Phil Breitmeyer, Mr. Dilger and a few others. The leonine face and figure of Arnold Ringier has pervaded our quiet city. We can imagine that the Baron Bonstettin was built along his lines. T. A. Webb has had his two weeks' vacation at his home in Corfu. He tells me the Dale Estate, where he has charge of a block of carnation houses, had 35,000 plants on the beds very early in June or end of May and looking fine. Harry Balsley has been doing his usual midsummer stunt in our town.

We very much regret that we missed by a few hours C. H. Totty, of Madison, N. J. We have such a high opinion of Mr. Totty as an all around and bright young florist that an hour's exchange of views would be as instructive as it would be enjoyable. We also missed J. J. Curran, superintendent of the newly started place at Elmira, N. Y., the United States Cut Flower Company. When asked how much glass is already up, Mr. Curran says they "had only time to put up 100,000 feet this season." This is only a small beginning. If the remainder of the million projected feet are to be built out of the profits of the existing glass, it may be some years before completed, but if unlimited capital is behind it we may soon see, in the valley of the Chemung, a place rivaling that of Alderman Reinberg. Don't be frightened, little man; you will be making more money in proportion to your investment than these mammoth places, and we ought to be proud of these men who have the pluck and enterprise to put their capital into the business. It elevates it, advertises it and puts it on a broader base, and it is doubtful if the erection of glass houses is much, if anything, ahead of the ever growing demand for their product.

Buffalo has 3,000 autos, more than any city of its size on the planet. These speedy vehicles will at least show to hundreds of our urban population the beauties of our rural scenery which you never see from a railroad car, besides the fact that the railroad runs through the poorest and most unpicturesque part of the country, at least in the east and middle west. On each side of the train the fields and background of woods are made hideous by the mammoth, gaudy signs which the poor farmer allows on his lawn for a few dollars.

Coming in on the New York Central the other day, I counted the following in less than half a mile and many of them several times repeated: Heinze's Pickles, Carter's Little Liver Pills, Cascarets, Children cry for Castoria, Mennen's Powder, Hood's Sarsaparilla, Dr. Pierce's Golden Medical Discovery, Cremo Cigars, Sapolio, but I am really ashamed to go on. There were at least a dozen more. In fact, it was only occasionally that you got, between these boards, a glimpse of the golden grain, the tropical growth of the corn, the deep green, heavy oats, or the refreshing woods of maple and beech. Here's work for the Society for Beautifying Our Country. A farmer allows his barns to be smeared over with the ads of some poisonous concoction containing forty per cent alcohol, and his wife preaches temperance at the village meeting of W. C. T. U.

W. S.

YOUNGSTOWN, O.—George W. Marsh has bought a ten-acre fruit farm about midway between Youngstown, Girard, Niles and Warren, and removed his greenhouses to it. His address is now rural route No. 1, Girard, O.

BOSTON.

The Market.

Market conditions show no material change. Roses, if of good quality, bring fair prices. Kaiserins are scarce and bring $6 to $8 for the best. Beauties sell up to $15. Brides and Bridesmaids in some cases bring $4, but many go for a quarter that figure. Carnations are shortening up, but the supply seems equal to the demand. Prices vary from 25 cents to $1 per 100, few bringing the higher prices. Blooms are getting very small, owing to the late hot wave. A few outdoor blooms are appearing, including that old familiar variety, Mrs. Fisher.

Sweet peas have continued to sell fairly well but stems are getting short, owing to drouth. There has been a scarcity of good lavender and white varieties, prices ranging from 10 to 20 cents per 100. A good supply of outdoor asters are now appearing and sell from 25 cents to $1 per 100. Outdoor gladioli are becoming plentiful and are of fine quality, and average in price $4 per 100. Candytuft, coreopsis, tuberoses, gypsophila and nymphæas are the principal other flowers noted.

Weekly Exhibition.

Owing to rainy weather the show at Horticultural Hall on July 23 was less extensive than usual. Two very fine tanks of aquatics were shown by Robert Cameron, from Harvard Botanic Gardens, his nymphæas being extra good. Wm. Thatcher, gardener to Mrs. J. L. Gardner, also filled a tank. Achimenes were on the schedule, but only brought out one entry, from Wm. Thatcher, which received second prize. Wm. Whitman, M. Sullivan, gardener, showed thirty named varieties of phlox, comprising the best sorts. Mrs. E. M. Gill contributed a general display. J. W. Manning had specimens of the cut-leaved sumach. Edward Kirk, Bar Harbor, Me., showed a vase of bright scarlet carnations perfectly hardy. The flowers had a delightful odor. They received honorable mention. If we can secure a hardy race of these corresponding to the English border class they will prove great acquisitions.

W. A. Manda showed plants of Cattleya Harrisonæ and Lælia elegans. Two forms of the latter, Mrs. Geo. Schlegel and No. 200, received honorable mention. Miss Isabella Shattuck received first for collection of native ferns, showing forty-four varieties, Mrs. Arthur Clark and C. C. Kingman following. The Boston Mycological Club had a display of fungi. As usual there were good displays of seasonable fruits and vegetables.

Various Notes.

Colonel J. H. Woodford, whose critical illness was recorded in the last issue of the Review, died on July 16 at Wenham, and was interred at Newton on July 19. For many years Mr. Woodford's figure was a familiar one at Horticultural Hall. He retired from active service at the end of last year. His death is mourned by a large circle of friends.

Arthur Kidder, of Kidder Bros., is enjoying his vacation. Duncan Robinson is acting as salesman in his stead in the market.

H. W. Field and G. H. Sinclair, leading florists of Northampton, Mass., were recent callers at the market, after visiting the leading florist establishments in the vicinity of Boston. A. N. Pierson, of Cromwell, Conn., also gave us a call last week.

There is a great scarcity of Kaiserin roses in our market this season. We hope some one will take note and fill the deficiency next year.

Geo. E. Buxton, the carnation king of the granite state, is remodeling his heating plant at Nashua, N. H., taking out three small boilers and replacing by one powerful one.

A fine specimen of Miltonia vexillaria carrying twenty-five spikes was noted in Doyle's window the past week. It was grown by Peter Cairns, of Waltham.

Extensive repairs are being made to the greenhouses at Harvard Botanic Gardens. Mr. Cameron has a fine show of aquatics there at present.

Thomas Roland, of Nahant, the Lorraine wizard, reports a first-class demand for that popular begonia, all plants he can raise being shipped as soon as ready.

A generous rainfall on July 23 was very welcome to florists here. All crops were suffering severely from drouth.

The stores present a holiday aspect at present. Window decorations consist largely of gladioli, tuberoses, coreopsis, sweet peas, asters and water lilies. Roses and carnations are now kept in the background.

At a meeting of the board of directors of the Massachusetts Horticultural Society on July 23, appropriations were voted for library improvements. A contribution of $20 was made to the Vilmorin memorial fund. It was voted to hold a demonstration in the park system, during the early winter, of methods of treatment for the San Jose scale and brown-tail moth. Ten new members were elected.

The committee of arrangements of the Massachusetts Horticultural Society met on July 23 and talked over prospective prizes for the coming meetings of the rose and chrysanthemum societies. A list of special prizes for the chrysanthemum show, as well as the society's regular prizes, will be printed very shortly. A new class calling for fifty blooms, one or more varieties, to be arranged in the society's large china vases, with prizes of $60, $50, $40, $30 and $20, was approved of.

There will be a number of additions to the society's schedule for the spring show of 1905, when the rose society meets in Boston. One class calling for group of Rambler and other roses for landscape or decorative effect, with prizes of $50, $35 and $25, will bring an excellent show.

The brown-tail moth continues to spread surprisingly. Moth rash remedies are now largely advertised in our daily papers. Large numbers of people are suffering from poisoning, caused by the fine hairs touching the skin.

W. N. Craig.

Boston to St. Louis.

New England parties intending to go to the S. A. F. convention are requested to communicate at once with W. J. Stewart, 11 Hamilton place, Boston. If enough excursionists are assured to start on Sunday, August 14, a special sleeping car will be secured.

W. J. Stewart.

We have mail at this office for S. Jerome Finch, which will be forwarded upon receipts of his address.

CINCINNATI.

The Market.

Business has been quite good the past week; stock moved out in fine style and at good paying prices. Notwithstanding the hot weather, the Elks' reunion brought many a dollar into our florists' pockets and helped to hold up prices, as the demand was almost entirely due to their being in this city.

Beauties were first on the list in demand and brought fine prices. Asters, too, were in fair supply and sold out quickly. Some extra fine gladioli were in demand for window display. Sweet peas moved fairly well but at a price so low as scarcely to pay for picking. Brides and Maids are few and far between and those that do come in are very poor. Some good Golden Gates and Kaiserin are to be had in limited quantities. Carnations are very poor, few of them being fit to use. There is a large supply of all kinds of green goods and a fair demand.

Various Notes.

The Elks' reunion brought forth a good sprinkling of florists who all report having had a rousing good time. Among those in the city were: W. C. Cook, Kalamazoo, Mich.; W. C. Hune, Memphis, Tenn.; L. Ullrich, Tiffin, O.; P. J. Hauswirth and wife, Chicago, Ill.; J. T. Herdigen, Aurora, Ind.; Walter Butler, Chillicothe, O.; Jas. Hartshorne, Joliet, Ill.; Theo. Bock, Hamilton, O.; Ed Helfrich, Washington Courthouse, O.; Chas. Dudley, Parkersburg, W. Va.; C. P. Dieterich, Maysville, Ky.; Chas. Weltz, Wilmington, O.

The annual outing of the Florists' Society was held July 21 and a better day could not have been had. There was a fine cool breeze and the heat was not nearly so oppressing as it had been for the last week. Some 300 or more florists and their friends made the trip up the river and all report having had a fine time. The ball game was quite exciting while it lasted but the great and sensational playing of the florists who took part is not visible in the score. The teams were called the Carnations, of whom Frank Deller was captain, and the Roses, of whom Chas. McCrea was captain. The Carnations took the lead early and won out, 18 to 6, five innings being played. The bowling games were well contested. There were four teams in the field, captained by F. Deller, Wm. Schumann, Ben George and Wm. Rodgers. Wm. Rodgers' team was made up of Tom Jackson, Jas. Allan, Dick Deller and W. Linnerman, and won the prize by a margin of fifteen pins. Miss Kate Pfeiffer won the ladies' prize for bowling.

While in this city attending the Elks' reunion Phil Hauswirth journeyed to Newport, Ky., to have a look into the mysteries of beer making at the celebrated Weiderman breweries. He wore a hat with Chicago printed in large letters on the band. Finally he boarded a car for this city and after paying his fare he said to the conductor, "Say, mister, will this car take me home?" Phil admitted that the joke was on him and it will be a long time before he will hear the last of it.

John F. Turner, care taker of Washington park, had a very narrow escape from death by being blown up by an infernal machine found directly in the course of the lawn mower he was operating.

C. J. Ohmer.

CHICAGO.

The Market.

Receipts have been at the lowest ebb during the past week. There are almost no good roses and very few good carnations and the wholesalers are having much difficulty in giving satisfaction to their out-of-town customers, who seem to forget that stock in this market shows the same mid-summer conditions as are manifest elsewhere. The result of the scarcity and a fairly heavy shipping demand is that the prices on roses are stiff for the season. Carnations which may be classed as usable are also bringing the growers very good returns. Asters are coming in more heavily, however, and prices on both items will soon be on the downward way. Roses from young stock are coming in and it will not be long until supplies are again equal to all requirements. The outdoor stock is very little in evidence just now. There are plenty of greens of all kinds.

Various Notes.

Leonard Kill, Mrs. Kill and Mrs. Peter Reinberg have returned from a visit at Denver and Colorado Springs. Mr. Kill speaks very highly of the Park Floral Co.'s place at Denver and of Wm. Clark's establishment at Colorado Springs. Mr. Clark devoted much of his time to showing the party the sights of the neighborhood. One of the places visited was the home of Mrs. P. Jewett, on North Cascade Avenue, in Colorado Springs, where there is one of the finest collections of H. P. roses to be found anywhere in the west. The rose garden contains about 1,500 plants in fifteen or twenty varieties, in the highest state of cultivation. Mrs. Jewett cuts about 500 blooms a day and distributes them to the hospitals, her friends and the sick, doing great good. Mr. Kill thought Baroness Rothschild was the best variety in the garden.

There was a special meeting of the Florists' Club last Wednesday night at which the new by-laws were adopted and convention matters discussed. There will be a special meeting of the club at Handel Hall tonight at which committees will report.

It is decided that the Chicago Florists' Club will go to the convention via the Wabash, leaving on Monday, August 15, at an hour not yet determined. If there are 100 in the party a special train will be run. It is probable that the round trip rate will be $8, which will call for first-class equipment.

During the quiet period the wholesalers are having their places fixed up. It is not safe to lean on any wood work at present, and the few buyers who appear are not surprised at the splashes of whitewash they find a little later on their clothing. Everything is being made spick and span for another busy season.

Chas. Duerr is now at Colorado Springs.

Geo. Perdikas, who has had a store at 286 Wabash avenue for a year, has opened another at 325 Wabash, using the fixtures from the Anderson Floral Co. He also deals in fruit and soda water at the new address.

B. Prazil, who has worked around Chicago for a number of years, is now gardener for Mr. Dameron, at Clarksville, Mo.

W. E. Lynch, of Hunt's, and Tom Bohanan, of Bohanan & Conger, with their families, are at Sodus, Mich., for an outing.

C. M. Dickinson has been on the sick list this week.

Hail did considerable damage west of the city July 22. At Oak Park A. H. Schneider, Geo. Baldwin, F. Blondeel and others lost some glass.

E. E. Pieser has been laid up with lumbago for a couple of days this week. He expects to get away in a few days for his vacation in Canada.

A. L. Randall Co. is handling cut fronds of Adiantum Croweanum. They are about twice as big as ordinary cuneatum and bring $1.50 per 100.

D. C. Noble, of Columbia City, and Mr. Treanor, of Treanor & Rettic, South Bend, were recent visitors.

ELGIN, ILL.—George Souster and his family have been camping near Maplevilla, near here.

FORT DODGE, IA.—P. L. Larson is building three new greenhouses and a new office and extending two old houses. Benching carnations is in progress this week.

CONSHOHOCKEN, PA.—On July 20 Miss S. Amanda Slingluff was married to William C. Harry, son of W. S. Harry, the florist, and himself employed by a Philadelphia florist.

DOVER, N. H.—C. L. Howe reports the past season the best he ever experienced. He is adding three new greenhouses this summer, which, when completed, will give him about 50,000 feet of glass. He is also building a double tenement house for the help. His carnation plants in the field are making a fine growth.

CHICAGO TO ST. LOUIS

The Chicago Florists' Club has arranged to travel to the St. Louis Convention of the S. A. F. via

THE WABASH

A large and congenial party will leave Chicago on Monday, August 15 (exact hour and rate of fare to be announced next week) and all Florists passing through Chicago are invited by the Chicago Florists' Club to arrange to travel with the Chicago party.

The Buffalo Florists' Club will also travel via The Wabash, leaving Buffalo, Monday, August 15.

FOR RATES, WORLD'S FAIR FOLDERS, ETC., ADDRESS

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97 Adams St., Chicago.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THERE is considerable inquiry for Berberis Thunbergii in quantity for new work planned for fall.

THE orders already booked assure a big business in peonies in September, both wholesale and retail.

THE Amesbury Park Association has been organized for the purpose of securing a public park for the city of Amesbury, Mass.

IT IS said that a Mrs. C. W. Jacocks, near Orlando, Fla., has an improved pecan in such good local demand that she has received $3 a pound for the nuts, besides doing a nice business in nursery trees.

C. H. JOOSTEN was well known to most of the nurserymen of the United States and his demise so soon after many had met him in the best of health at the Atlanta convention is a shock. His career is briefly sketched in the New York notes in this issue.

THE lilac is more than holding its own; in fact, it is in greater demand each year. From the great number of hybrid varieties Wm. A. Peterson selects the following as best of their colors: Marie Legraye, white; Charles X, light purple; Rubra de Marley, rosy purple; Souvenir de Ludwig Spaeth, dark purple.

C. W. WARD says that, while conifers and evergreens may be planted in the latter part of August and during the month of September, even up to the middle of October, and a large proportion live and do well, his experience has demonstrated that early spring is the best time for planting the general run of evergreens.

NEWPORT, R. I.

The Market.

The Newport season can be said to be just getting into full swing, and the past week has seen a much better business among the florists. There have been quite a number of luncheons and dinners given the past few days, and as August approaches these will increase greatly. August is the great month here among the summer colony, for it is then that the entertaining is at its height among the "400." Sweet peas are more popular this year than ever, especially lavender and pink shades; but the market has been flooded with them, and until the past few days they have been almost without value. Some of the best growers hold their peas for 25 cents per hundred, and sell at this figure or not at all. It is a good plan, as certainly good flowers well bunched are worth that. The best American Beauty roses sell on Bellevue avenue for $5 to $6 per dozen; Liberties and Kaiserins for $3 to $4 a dozen; gardenias 50 cents each, and valley $2.50 to $3.50 per bunch of twenty-five. Outdoor hardy stuff goes very well, and is sold as circumstances direct at good prices. Trade on the whole is very good indeed.

Horticultural Society.

The Newport Horticultural Society held its last July meeting Wednesday evening with Vice-President Alexander McLellan presiding. There was considerable business to be done making arrangements for the annual exhibition September 19, 20 and 21. It was decided to have music the last day of the show, and dancing in the evening after the exhibition is over at nine o'clock. There has never been a year when more interest has been shown, and everything now points to the largest and best show the society has ever held. Winfield Scott Sisson and D. J. Coughlan were elected members of the society.

Various Notes.

Never have cactus dahlias been as popular here as now. They will have a great run this summer. Already the society people are having decorations of dahlias exclusively for dinners and luncheons. The dahlias are favorites because they bloom when other outdoor flowers are scarce and most needed for the great number of dinners and other August functions. Special colors that are favorites are being grown in large blocks on all the big places. Especially do the gardeners like Katharine Duer, the elegant scarlet; and, by the way, this dahlia originated here in Newport, and I will tell you more about it some day. Mrs. Charles Turner, for a yellow is planted very largely and also many other solid colors of the cactus type.

The highway department tree trimmers are at work on the big elm in front of the city hall and there is a great amount of comment heard because the tree, which is one of the landmarks of Broadway, is apparently slowly dying. When the granolethic sidewalk was placed in front of the city hall it was remarked that there was too little space about the tree for its proper growth, and the prediction seems to have become a fact.

The police received a complaint on Friday from a well known citizen that the flowers he and other relatives had placed on his wife's grave had been repeatedly stolen. Many complaints of the same nature have been heard considerably of late and some steps must certainly be taken to put a stop to it.

M. Butler & Son report that the season just closed has been on the whole a most excellent one although very trying, because the late spring made everything come together; but it is over and the customers have been somehow kept satisfied.

ZERO.

BROOKLYN, N. Y.—Chas. Zeller is building a workshop 30x40 to cost $1,000.

CHARLES CITY, IA.—Mark Wetherbee entertained the local florists' association July 22 and 23.

OMAHA, NEB.—The Nebraska Florists' Society will hold its annual picnic Wednesday, Aug. 3, at Courtland Beach.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft.,	$25.00 per 1000.
Strong, 2 to 2½ ft.	20.00 "
1000 Coreopsis, strong clumps	4.00 per 100.
Achillea The Pearl, strong clumps.	6.00 "
Gaillardia Grandiflora, clumps	5.00 "
Golden Glow, strong clumps	2.50 "
Helianthus Maximiliani	2.50 "
Roseum	3.00 "

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H. P. and other Roses from 4 and 5-in. pots, fine plants. Crimson and Yellow Rambler, Clothilde Soupert, Coquette des Blanches, La France, Gen. Jacq. etc., 12c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 4 and 5-in., at 18c; one-year, from 3-in., 9c. Clematis Paniculata, from 4 and 5-in. pots, 12c. Ampelopsis Veitchii, 4 and 5-in., 10c. Perennial Phlox, fine named sorts, 4-in., 10c. Golden Glow, 4-in., 10c.

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AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $5.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Asters	1.00 to 2.00
Valley	2.00 to 4.00
Gladioli, per doz., 35c to $1.00	
Sweet Peas	.25 to .40
Auratum lilies, doz., $1.50	
Longiflorums, doz., $1.50	
Asparagus, per string, 40 to 50c.	
Asparagus Sprengeri	3.00 to 4.00
Ferns, per 1000, $1.00	.15
Galax, per 1000, $1.25	.15
Adiantum	.75 to 1.00
Smilax, per doz., $1.25	

Subject to change without notice.

ST. LOUIS.

The Market.

Business conditions here remain unchanged so far as the store business is concerned. Some of the dealers still report a brisk demand in cut flowers for delivery at the different state buildings in the World's Fair grounds. Others have been busy with funeral work.

The month of July is reported by some of the dealers as much better than last year. Of course, the World's Fair has a great deal to do with the increase of business this year among the florists. The plantsmen especially are much pleased with the business they have done this spring and summer, as very much more was done in the planting line. The wholesalers too are well pleased with the business they have done the past season and good prices prevailed throughout.

Stock at the present time in roses is quite plentiful but only in second grades. First-class, fancy stock is out of the question in all varieties. The price on the best roses that come in is $5 and $6 per 100. White and pink are coming in abundance; so are short American Beauties. Carnations are very poor indeed, the bulk of them being hardly salable for any use. The best are in big demand, especially the white. Colored stock has little demand except when fancy. For the best $2 is asked and 75 cents to $1.50 per 100 for the rest.

Sweet peas are very poor, owing to too much rain of late. Peas have a good demand, when good, at 25 cents per 100. Lily of the valley is at a standstill, though of extra fine quality. Among the outdoor stock, tuberoses and asters are selling well. Gladioli are slow at $2 and $3. Other outdoor truck has very little call now. Smilax and other greens are as usual.

Various Notes.

The weather in St. Louis at present is very cool. The summer has so far been in fine contrast with the season in cities where St. Louis has long been misrepresented. The deadly heat of some more northern cities is never felt here.

Max Herzog took advantage of the cool summer and was married on last Wednesday to Miss Bertha Ulrich. Only near friends and relatives attended the wedding. Congratulations are now in order and we hope Max will attend the next club meeting to receive them.

The finance committee held a meeting last Thursday at Weber's store. It can be safely said that this committee is doing its share of work. They report plenty of funds on hand for all purposes during the convention of the S. A. F. next month. This committee will meet again this week to complete arrangements.

The general entertainment committee, consisting of all the chairmen of the different committees, will meet this week Wednesday to perfect all arrangements for entertaining the S. A. F. members. President Breitmeyer, of Detroit, and Phil Hauswirth, of Chicago, are expected here this week to look over the ground.

Carl Beyer, chairman of the bowling committee, reports a great many prizes to date for the bowlers; in fact, so many that nearly everybody should carry home a prize of some kind. One of the finest among them is a large silver trophy, donated by the Anheuser Busch Brewing Association, also a fine gold medal by the Brunswick-Balke Company to be known as the champion medal. C. A. Kuehn and Henry Ostertag are also in line with prizes. Mr. Beyer, too, will donate a handsome prize.

It will be well for all the bowling captains to send in their entries, so that we can know in advance just how many teams will bowl in the tournament. The alleys have plenty of room for twelve clubs to bowl at one time, and we hope to have at least that many teams if not more. We rely on teams from Chicago, Buffalo, New York, Washington, Baltimore, Cleveland, Detroit, Milwaukee, Omaha, Philadelphia, Flatbush, Pittsburg and St. Louis to be with us next month and take part in the tournament.

Visitors here in the florist trade are: J. Mead, representing the Furman boilers; J. T. Goodlive, of Zanesville, O.; Mr. Huckleberry, of North Vernon, Ind.; J. Warren, of Louisville; Wm. Kutschback, of Houston, Tex.

The big floral parade on the water will take place Saturday morning at the World's Fair. The Eggeling Floral Co. has the contract to furnish the flowers for the occasion. This will be a grand affair, as twenty-five floats will be dressed in flowers. The contract calls for $15,000 and only twelve hours to do the work, starting after ten o'clock Friday night, the parade starting at ten o'clock Saturday morning.

Bowling.

The St. Louis convention team rolled a match of three games with the next five highest men of the Florists' Bowling Club. The convention team gave them a handicap of 125 pins per game, total pins to count. The convention team won by forty-two pins, as the following scores will show:

Regulars.	1st	2d	3d	T'l
J. J. Beneke	189	177	167	513
C. A. Kuehn	199	136	179	514
Theo. Miller	162	121	117	400
Carl Beyer	171	161	177	509
A. Y. Ellison	179	173	174	526
Totals	900	768	814	2,482
Subs.	**1st**	**2d**	**3d**	**T'l**
F. M. Ellis	182	161	167	510
F. H. Meinhardt	127	117	110	354
F. C. Weber	151	134	156	441
Ed. Gerlach	94	111	86	291
O. R. Beneke	166	137	166	469
Handicap	125	125	125	375
Totals	845	785	810	2,440

The lady bowlers met Monday afternoon to arrange all details for their work during the convention. The lady visitors will be well taken care of and they hope that the attendance will be large. After the meeting they rolled three games. The score of last Monday was as follows:

Player.	1st	2d	3d	T'l.
Mrs. Theo. Miller	148	120	117	385
Mrs. F. H. Meinhardt	103	150	131	383
Mrs. D. Schuetzle	99	116	121	336
Mrs. F. M. Ellis	101	135	99	335
Miss L. Meinhardt	83	99	132	314
Miss B. Meinhardt	98	99	94	291
Miss T. Meinhardt	88	86	88	272
Mrs. Carl Beyer	96	98	118	212
Mrs. J. J. Beneke	73	57	73	203
Mrs. F. C. Weber	66	63	66	195
Mrs. O. C. Koenig	88	23	54	165

J. J. B.

St. Louis Hotels.

The Florists' Club has issued a list of nearly 100 hotels at which accommodations may be had during the S. A. F. convention at from 50 cents per night upward, most of the rates being from $1 to $2 per night. There are ample sleeping accommodations in St. Louis at reasonable rates. But it would be wise to make arrangements in advance. Write F. M. Ellis, 1316 Pine street, chairman of the hotel committee of the St. Louis Florists' Club. Better do it today.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

Good "corn weather" is reported at most of the sections where seed corn is grown.

The onion set harvest as it progresses shows a heavy falling off from what was expected.

Cable advices from London and Paris July 23 report continued dry weather with high temperatures.

At Chicago the deficiency in precipitation thus far in 1904 in 5.53 inches and the deficiency in temperature 635 degrees.

Good reports are at hand from the radish seed sections of Michigan. The weather at present is all that can be desired.

The main shipments of Harrisii are due in a few days. The crop is generally estimated to be shorter than last year, particularly on large sizes.

Reports to date show that the blight on the cucumber vines that are intended for seed is not so noticeable as on the vines that are for the pickle men.

J. W. Ratekin, Shenandoah, Ia., says his firm has over 3,000 acres of corn growing for seed purposes, with the finest crop prospect July 25 he has seen in years.

The onion crop will be short. High prices may be looked for. Speculators are looking over the marsh fields with a view to securing the crops previous to harvest.

The government report shows an increase of 2,823,000 in the cotton acreage. If prices hold until the crop is picked business should be good in the south next season.

The situation on beans and peas is unchanged. Dry weather at points in Michigan is bad for the bean crop at this time, and wet weather at points in Wisconsin does the early peas no good.

The Chicago Dock Company, in which the Dickinsons are the principal stockholders, have sold to the Illinois Tunnel Company, for $2,500,000, the property at West Taylor street and the river, Chicago, where the office and seed warehouses of the Albert Dickinson Company are located. It is stated that the Dickinson Company will erect a fine building at South Chicago.

Last fall a western seedsman imported a lot of 300 pounds of an English pickling cucumber, which had been successfully tried in a smaller way, and it is now being grown at several pickling points in the middle west. If it gives satisfaction, the seed could last year have been had at considerably less than what American pickling sorts brought.

Reports continue to come to hand that the crop of French Romans is short and prices firm. It is reported that American orders are not numerous, but that other countries are buying freely. Failure of most growers to find a profit in this stock last year will operate to reduce this country's requirements considerably as long as present prices hold, high for the bulbs, low for the cut flowers.

CORN TO PLANT.

As may be seen from the letters we have published, there still exist differences of opinion as to whether anything more than uniform grains for planting is obtained from discarding the tip and butt kernels of field corn.

CLOVER SEED.

Henry Nungesser & Co. send out the following under date of July 19:

There has been a very good demand in crimson clover and already a large business has been done. Stocks of the crop 1903 are almost exhausted in Europe as well as in this country, and only small lots for immediate shipment are left. We are very much interested in these seeds and pay particular attention to the importation of same. We have already made arrangements for new crop to arrive here August 1, 8 and 15.

The crop in Europe was at first expected to be a large one. We find, however, that it has not turned out so well. In consequence the prices are already somewhat higher and the market is very strong, and as the demand in Europe as well as here is large, it is needless to expect lower prices. The quality of the new seed is excellent.

PANDANUS SEEDS.

F. B. Vandegrift & Co., custom house brokers, were recently in receipt of a shipment of palm and pandanus seeds mixed. A protest was made at the duty assessed, the following being the ruling of the board of appraisers:

The goods in this case were all assessed for duty at thirty per cent ad valorem under the provision for "seeds of all kinds not specially provided for" in paragraph 254 of the tariff act of 1897. The local appraiser reports that the merchandise consists of palm nuts and pandanus seeds mixed, the greater part of which are pandanus; and that as no separation was possible, they were returned as though all were pandanus seeds. The palm and pandanus appear to belong to different botanical orders, and there is nothing in the case before us which would enable us to say that the classification of pandanus seeds under paragraph 254 was not correct. Palm nuts are, by name, made free of duty under paragraph 622, and on this provision the protestants base their claim.

The proportion of palm nuts in the importation, however, has not been shown, and it is a well-established principle that collectors, where free and dutiable goods are thus commingled, may assess the entire importation at the rate applicable to the dutiable merchandise, unless the importer shows what part of the whole is not subject to duty. The protest is overruled.

Barrie, Ont.—Wm. Taylor has succeeded F. Brown as leasee of the Morgan greenhouses. He will grow carnations, chrysanthemums and bedding stock.

Albany, N. Y.—The New York Market Florists' Association has been licensed to incorporate with $5,000 capital; directors, H. C. Steinhoff and John Birnie, West Hoboken; P. F. Daley, New Durham. This is the association which proposes to build a permanent plant market in New York.

FLOW FROM RETURN.

In heating with steam, is it practical to take off a flow from a return pipe which is already established and lead the return pipes back to the main return pipe to the boiler? Is it necessary that flow pipes be overhead, or can they be strung along the side walls if properly arranged? Lack of access to a competent steam fitter causes me to ask these simple questions. C. L. W.

Yes, a flow may be taken from a return if not too far from the boiler and there is no danger of the return becoming choked by condensation. It is not advisable to do this if a flow, or riser, can be carried from a main riser or from the boiler direct. The riser, or flow, may be carried either under the ridge or along the side walls or under the benches, just as one sees fit, so long as it is properly graded and the returns which it supplies are all beneath it, so as to care for all condensation. In steam heating the highest point in the system should be as nearly directly over the boiler as possible. This provides that all condensation must pass the length of the flow pipe, enter the returns and thus find its way back to the boiler. All this is simply a matter of grading the pipes. The greater the difference between the height of the riser and returns the better, everything else considered. L. C. C.

Richmond, Ind.—H. M. Altick, of Dayton, O., was here July 12 to procure the arrest of one Wm. Jones, accused of burglarizing Mr. Altick's home and attacking Mr. Altick more than a year ago. The man's whereabouts had just been discovered.

Paper Whites

A consignment coming direct from France. The size of bulbs are 13 cms. and over, and are duty free, New York City. **Paper Whites, $7.50 per 1000; Grandiflora, $9.50 per 1000. PERRET'S PANSY SEED.** this year's seed, oz. $4.00; ⅛ oz. $2.50; pkt., $1.00; ½ pkt., 50c.

HUBERT CO., Ltd., N. Le Page, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

Pansy Seed.

A distinct and most beautiful race, which for size of blooms, diversity of colors and robust growth is unrivalled. The flowers are much larger than the ordinary pansies, whilst the form, colors and markings are what a celebrated French grower terms "quite remarkable."

THE FINEST STRAIN IN CULTIVATION.

Far superior to any other English, French or German selections.

Price $4.00 per oz. $1.00 per pkt. Postage paid. Dollar notes accepted in payment.

The Surrey Seed Co., Ltd.,
REDHILL, ENGLAND.

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BLOOMSDALE SEED FARM
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WHOLESALE ORDERS SOLICITED

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FLORISTS' FLOWER SEEDS for Present Planting.

MIGNONETTE—DEFIANCE, packet 2000 seeds, $1.00; ½ pkt., 50c.

STOCK—S. & W. CO.'S IMP. GIANT PERFECTION, pkt., 25c; ¼ oz., $1.50; per oz., $5.00. STOCK—BEAUTY OF NICE, pkt., 25c; 5 pkts., $1.00. PANSY—NON PLUS ULTRA, pkt., 25c; ¼ oz., $1.50; per oz., $5.00.

For other seed, etc., send for catalogue. **STUMPP & WALTER CO., 50 BARCLAY ST., NEW YORK.**

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HIGH CLASS BULBS

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CHOICE FLOWER SEEDS

FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

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Cineraria Grandiflora.

TALL .....Finest Mixed, per pkt., 50c.
SEMI-DWARF....Finest Mixed, per pkt., 50c.
STELLATA .....Finest Mixed, per pkt., 25c.

Pansy, Superb Mixed.

⅛ oz., 75c; per oz., $5.00.
Choice Mixed, per oz., $2.00.

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From cold storage, $1 50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

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Arlington Tested

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Catalogues Mailed Free.

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CINERARIA.
English Prize Mixed (show varieties) ½ trade pkt., 50c.; trade pkt. $1.00

CYCLAMEN PERSICUM GIGANTEUM.
Mixed (show var.), 50 seeds 40c; 100 seeds, 75c.

DOUBLE DAISY (Bellis Perennis.)

	Trade pkt.	Oz.
Snowball (pure white)	30c	$2.50
Longfellow (pink)	30c	2.50
Giant Mixed	30c	2.00
Fine German Mixed	25c	1.75

MIGNONETTE.

Defiance, long spikes, fragrant, best for cutting	15c	.50
Matchet, (True), dwarf, deep red, fine for pots	15c	.50
Golden Matchet	15c	.50

MYOSOTIS (Forget-Me-Not).

	Trade pkt.	Oz.
Alpestris Victoria, dwarf, sky blue	25c	$1 00
Alpestris, blue	15c	.40
Dissitiflora, large flowered, early	30c	2.00
Palustris, (True Forget-Me-Not)	30c	1.50

PRIMULA—Chinese Primrose.
English Prize Fringed Mixed, unsurpassed, per 100 seeds, 25c; 500 seeds, $1 00; 1000 seeds, $1.50.
Obconica Grandiflora 50c

PANSY—J. & S. Kingly Collection.
Unquestionably the finest strain of Giant Pansy now offered to the trade. 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00 ..... 5.00

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Our Strain is the Original Allen's Defiance Mignonette celebrated all over the Country for its magnificent Spikes of bloom. We offer this grand seed in original packages direct from the grower. **Half size, 50c each; full size, $1.00 each.**

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ONCIDIUM VARICOSUM ROGERSII

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Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Lawn Grass Seed in bulk and packages



Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.

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Burpee's Seeds Grow

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TORONTO.

The Market.

Trade during the last week has been slow and some of our florists claim it is even worse than last year, while others say they are about even with last year's trade. I think a considerable damper was put on trade by a few very hot days. This week demand appears to be better and the temperature a little more reasonable.

Amongst growers, we find them nearly all busy planting. Although no roses of new stock are coming in yet, some of the growers tell us they expect to be cutting early in August. The supply of carnations is shortening. Outdoor stock is coming in quite plentifully.

Various Notes.

A. Gilchrist, Toronto Junction, had his chimney struck by lightning one day last week and considerable damage done.

Chas. Tidy, of S. Tidy & Sons, is at present on his vacation and does not expect to be back until the second week in August.

The Toronto Gardeners' and Florists' Association has been invited by the Dale estate to visit the establishment at Brampton on August 3, and I understand it has accepted the invitation and will make it the annual picnic and outing.

D. J.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Or rent, greenhouses; about 7000 feet of glass. Address No. **190**, care Florists' Review, Chicago.

SITUATION WANTED—By a teacher of experience and tact, as companion; references given. Teacher, Box 24, Centrebrook, Conn.

FOR SALE—Carmody hot water boiler, in ten sections, been heating 3000 ft. of glass; also 1000 feet of 4-inch cast pipe and fittings; a bargain. Chase & Son, New London, Ohio.

WANTED—Industrious young man of good habits to look after general gardening work; one who has some knowledge of matters horticultural; wages, to start with, $15.00 per month and board, best home-like conditions; give references in first letter. Mrs. Ellen B. Crump, Nittayuma, Miss.

WANTED—To rent or buy a small retail florist business or store. Address No. **181**, care Florists' Review, Chicago.

SITUATION WANTED—By a good all-round florist, good grower of carnations, mums and general line, also a good designer; married, no children, German, age 31; would like to run a place for somebody or go as a partner in some paying retail business; is able to invest some money; first-class references. Address No. **182**, care Florists' Review, Chicago.

FOR SALE—Spence hot water boiler, in good condition; heated 1000 feet of glass last winter; price, $30.00. C. A. Holmes, New Berlin, N. Y.

WANTED—A competent and industrious man, must be sober and steady, for vegetable houses; permanent position for right party; give references and experience. I. Shelby Crall Co., Monongahela, Pa.

SITUATION WANTED—By a first-class rose grower; German; single; age 32; 18 years' experience; 3 years in America; good recommendations. Address No. **193**, care Florists' Review, Chicago.

FOR SALE—Or lease, at a bargain, 5000 feet of glass in a good town; no competition. For particulars address Jas. R. Johnston, Agt., Dunkirk, Ind.

FOR SALE—2500 ft. 1-in. pipe in good condition, as good as new. 3 cents per ft.; also four 6-pipe headers, two 10-pipe headers, four 4-pipe headers, 1-in. openings. John Bronner, Syracuse, N. Y.

SITUATION WANTED—As gardener on private place. Address No. **191**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a first-class grower of cut flowers and plants; over 26 years' experience in leading places; capable of taking entire charge of a large plant; single; first-class references as to ability, etc. Address Foreman, 1323 Vine St., Philadelphia, Pa.

SITUATION WANTED—By a good grower of cut flowers; married; able to take charge; best of references; west or middle west. Chas. Duerr, 815 N. Wahsatch Ave., Colorado Springs, Colo.

FOR SALE—An elegant greenhouse plant, up-to date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. **192**, care Florists' Review, Chicago.

FOR SALE—Large greenhouse together with 40 acres of land, near Erie railroad station; shipping facilities first-class; good roads; situated at Vail's Gate, about 4 miles from Newburgh, N. Y.; sold on account of death in family. Wm. Miller, Vail's Gate, Orange Co., N. Y.

FOR SALE—Greenhouse, 2500 feet of glass; a bargain; good location; business established; owner in failing health. For particulars address S. A. Noble, El Dorado, Kans.

SITUATION WANTED—By a first-class grower to take charge of the growing end of a small place; state wages without board. Address Wm. Kirkham, 3847 State street, Chicago, Ill.

SITUATION WANTED—By thoroughly experienced grower of palms, ferns and bedding plants; orchids a specialty; Englishman; age 25. Address No. **186**, care Florists' Review, Chicago.

FOR SALE—Weathered No. 5 boiler, in good condition; will heat 1000 feet 4-inch pipe; price, $50. Nemaha Greenhouses, Seneca, Kans.

WANTED—A man that can get around to take charge of cemetery work in one of our largest cemeteries. Koenig Floral Co., 6471 Florissant Ave., St. Louis, Mo.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouse built last year; 8000 ft.; 2½ acres ground; 50 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

WANTED—At once, a young man as assistant in greenhouses; send references and state wages with room and board. J. Sanstrom, Momence, Ill.

SITUATION WANTED—As foreman by a first-class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. **184**, care Florists' Review, Chicago.

FOR SALE—Four greenhouses, heated by hot water, well stocked; good retail business; 4 railroads; in city of 10,000 in Indiana; fine dwelling, 7 rooms and bath; plenty of good soil; good reason for selling. Address No. **188**, care Florists' Review, Chicago.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—Central Valley Greenhouse plant, Toughkenamon, Chester Co., Pa., consisting of 2 houses 100x20 ft. and 1 house 100x10 ft., nicely located on steam and trolley roads; all in complete order; will sell at a bargain or will rent from one to two years with option of buying during lease; poor health only cause for selling; a splendid chance for party with experience and small capital. Call on or address H. P. Owen, Toughkenamon Pa.

FOR SALE—On leased ground, at a bargain, greenhouses, dwelling, barn, sheds, etc., with 52 acres leased land cultivated with vegetables; have a well established 12 year local business in vegetables and a very good local as well as a shipping trade in pansies and bedding plants; call or write for descriptive circular; can be bought with or without growing crop and stock plants; if not sold will take a good active partner capable of running the business; will sell for less than half value. Ludvig Mosbaek, 8500 Anthony Ave., South Chicago, Ill.

FOR SALE—8000 feet of glass, well stocked; two acres; good five-room cottage; city water; telephones; wagon and tools; can sell everything you grow; in city of 6000 in Missouri; poor health reason for selling. Address No. **185**, care Florists' Review, Chicago.

FOR SALE—Greenhouse, dwelling-house, furniture, etc.; lot 110 feet square; only greenhouse in Union Co.; must sell. For particulars write Box 637, La Grande, Oregon.

FOR RENT—House, barn, greenhouses and large lot, together with piping, tools, dies and pots. For particulars address No. **149**, care Florists' Review, Chicago.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. **151**, care Florists' Review, Chicago.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot. Also some 4-inch. W. H. Salter, Rochester, N.Y.

WANTED SALESMAN—
Designer and Decorator.

A good position as assistant in a first-class store is open to a man of good habits and ability. Address, stating salary desired and references,

The Rosebank Company,
Cincinnati, Ohio.

Wanted. Two young men who have had a little experience in General Greenhouse Work—who are anxious to learn the business and who want steady places where they can advance as their ability and usefulness to their employer will warrant. Room furnished. Address No. **194**, care Florists' Review, Chicago.

THE ANNUAL MEETING
OF THE
Florists' Hail Association of America
WILL BE HELD AT
Exposition Bldg., St Louis, Mo., at 2:00 P. M., August 18, 1904
JOHN G. ESLER, Secretary.

WANTED.

Accommodations, one room, for wife and self, with breakfast if convenient, with a florist close to the Fair Grounds, for about eight days; second week in August. Address, terms and full particulars,

GEORGE T. SCHUNEMAN'S VIOLET RANGE,
BALDWINS, L. I., N. Y.

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Top Delivery Wagon
For Sale. Can be used by commercial grower or retail florist.
Also a first-class **TWO-SEATED WAGON.**
Apply to **CHARLES MILLANG,**
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Anything; makes no difference what. We buy at lowest cost best material for you. Following is only a partial list. **Boilers,** pumps and repairs, valves. **Pipe** and **Fittings,** pipe cutters, tools and implements. **Garden Hose,** packing and oakum. **Glass, Points, Oil, Paint** and **Putty,** paper and twine, wire stakes. **Coal** contracted for. Iron or wood gutters, ventilating apparatus, lumber and sash, fertilizers. **Flower Pots, new** and **second-hand.** Steam and hot water supplies. **Grate Bars, Plants, Palms** and **Rooted Cuttings personally inspected and selected.** Ask us for anything you need. **Inquiries promptly answered** and prices quoted. We are experienced buyers and practical **Therefore will save you money** by placing your orders with us. Best reference furnished. Strictly mail-order house.

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Summer Roses

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10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c: 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

Asparagus Plumosus nanus—3-inch, strong, $8.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots, 2 ft. high, 18 to 20 fronds, 40c each.

Piersoni Ferns—Pot-grown, 4 to 6 fronds, $8.00 per 100.

Areca Lutescens—Made-up plants, large, 5½-inch pots, 50c.

Latania Borbonica—5½-in. pots, strong, 35c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Acorus Gramineus Variegata—Variegated grass, $1.00 per doz.

Cash with order, please. All goods shipped at purchaser's risk.

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Philadelphia, July 27.

		Per doz.
Beauties, Specials	$2.00 to	3.00
" Extra		1.50
" Medium		1.00
" Short	.50 to	.75
Queen of Edgely, Medium		1.00
" " Short	.50 to	.75
		Per 100
Bride and Bridesmaid	4.00 to	5.00
" " Specials	2.00 to	3.00
Kaiserin, Firsts	5.00 to	8.00
" Seconds	2.00 to	3.00
Liberty, Firsts	8.00 to	10.00
" Seconds	2.00 to	6.00
Cattleyas		50.00
Carnations, Common		1.00
" Fancy		1.50
" Novelties	2.00 to	3.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprengeri Sprays	35.00 to	50.00
Asters	.75 to	1.50
Lilium Auratum, doz.	1.00 to	1.50
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Lily of the Valley	2.00 to	4.00
Gladioli	3.00 to	6.00
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The REVIEW has been of great benefit to us.—W. H. NEWMAN, Akron, N. Y.

WIETOR BROS.
Wholesale Florists,
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AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids, per 100,	$3 00 to 6 00
Bride "	3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	3 00 to 6 00
Golden Gate	3 00 to 6 00
La France	4 00 to 6 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

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WHOLESALE FLORISTS
1516-18 Sansom St., Phila.
GLADIOLI AND ALL SEASONABLE FLOWERS
Open 7:30 a. m. to 6 p. m. Close Saturdays at 1 p. m.
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Everything Seasonable in CUT FLOWERS
CHOICE CARNATIONS FROM FIELD.
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Store closes at 8:00 p. m. Long Distance Phone.
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WILLIAM J. BAKER,
WHOLESALE FLORIST,
Asters, Valley.
1432 South Penn Square, Philadelphia.
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SUNLIGHT A yellow sport from Sunrise that is also identical with Perle.
A few strong plants from 3-inch pots, 10 cents each.
JOHN WELSH YOUNG,
Upsal Station, Penna. R. R.
GERMANTOWN, PHILADELPHIA.
Mention The Review when you write.

ROSES High Grade cut blooms at all times
HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
Mention The Review when you write.

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of
Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
Mention The Review when you write.

CHAS. D. BALL,
GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

KAISERIN ROSES, ASTERS, CARNATIONS

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

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Reasonable Prices. Square Dealing.
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SHIPPING ON COMMISSION.
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
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ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

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WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers. 57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices. Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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Telephone No. 2438 Madison Sq.
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"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, July 25.

		Per 100
Beauties,	Specials	$10.00 to $15.00
"	Extra	5.00 to 6.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 5.00
" "	Extra	2.00 to 3.00
" "	No. 1	.50 to 1.00
" "	No. 2	.25 to .50
Golden Gate		2.00 to 4.00
Liberty		1.00 to 6.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
"	Selects	.50 to .75
"	Fancies	.75 to 1.00
"	Novelties	1.00 to 2.00
Adiantum Cuneatum		.25 to .35
"	Croweanum	1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, per bunch, $6.00 to $8.00.		
Asters		.40 to 1.00
Gladioli		.75 to 1.00
Lilies		3.00 to 5.00
Lily of the Valley		1.00 to 2.00
Smilax		5.00 to 8.00
Sweet Peas, per bunch, .01 to .02		

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

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WHOLESALE FLORIST,
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Telephone No. 325 Madison Square.

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or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.
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WHOLESALE FLORIST,
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Telephone No. 3393 Madison Sq.
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NEW YORK CUT FLOWER CO.
GENERAL MANAGER
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Importers and Manufacturers of
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Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. New York
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EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar),.....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY
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A Daily Cut from 40 Growers.

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Most complete line of FLORISTS' SUPPLIES in the West.

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Successors to McKELLAR & WINTERSON.

45-47-49 Wabash Avenue, Chicago.

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ESTABLISHED 1872.

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WHOLESALE AND COMMISSION FLORIST,

115 West 30th St., NEW YORK.
Tel. No. 956 Madison Square.

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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

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A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax,** selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, July 27.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	1.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 5.00
Cusin	1.00 to 4.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Meteor	1.00 to 6.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations, Common	.40 to .60
" Selects	1.00 to 1.25
" Fancies	1.50 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	1.00 to 1.50
Gladiolus	2.00 to 4.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00

I WOULD not want to do without the REVIEW.—J. H. FIESSER, West Hoboken, N. J.

"IF the REVIEW cost $5 a year we would not be without it."—GEORGE BUTLER & SON, Santa Cruz, Cal.

I AM well satisfied with the REVIEW and could not well get along without it. —E. JENSEN, West Superior, Wis.

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A-No. 1 Bronze Galax Leaves	$1.00 per 1000.
Fancy and Dagger Ferns	1.00 "
English Ivy Leaves	5.00 "
Sphagnum Moss	60c per sack.

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Acanthrophœnix
Acer japonicum
Achillea
Achimines
Acrophyllum
Adiantum
Agapanthus
Agave
Ageratum
Allamanda
Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Caladium
Calamus
Calceolaria
Camellia
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheiranthus
Chrysanthemum
Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
Cytisus
Dahlia
Decorations
Decorative Pl'ts
Deutzia
Dianthus
Dracaena
Drainage
Easter Plants
Epacris
Erica
Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
Hardy Perennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
Lysimachia
Manettia
Manures
Maranta
Martinezia
Maurandya
Metrosideros
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Mimulus
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Musa
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Soils
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Stephanotis
Stevia
Stocks
Store Manage'mt
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Price, $5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

Wholesale Cut Flower Prices.

Chicago, July 27

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts	per 100, $4.00 to $6.00

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 6.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
La France	5.00 to 6.00
Carnations, Fancy	1.50 to 2.50
" Common	.50 to 1.00
Asters	1.00 to 1.50
Sweet Peas	.25 to .40
Easter Lilies	$1.50 per doz.
Auratums	1.25 to 1.50 "
Gladioli	per doz. $ .35 to $1.00
Water Lilies	1.00
Valley	2.00 to 4.00
Asparagus Strings	40.00 to 50.00
Asparagus Sprays, per bunch, $ .35 to $ .50	
Asparagus Sprengeri	3.00 to 4.00
Smilax	per doz., $1.25
Galax	per 1000, 1.25
Ferns	" 1.00

"Don't think for a minute that I would do without the Review."—T. E. Guy, Arlington, O.

I would rather miss a turkey dinner than miss one issue of the Review.—J. E. Connor, Coatesville, Pa.

I find the Review a storehouse of useful information and do not wish to miss a single issue.—W. B. Longstreth, Gratiot, O.

Please send the Review for this year as I like it very much and will send you an adv. later.—A. J. Thompson, West Haven, Conn.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.



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E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
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Write for special quotations on large orders.

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Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.
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Wholesale Growers of... Cut Flowers
All telegraph and telephone orders given prompt attention.
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GEORGE REINBERG,
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Seasonable CUT FLOWERS OF EVERY VARIETY

A FINE LOT OF FIELD-GROWN CARNATIONS OF THE BEST VARIETIES
AT THE RIGHT PRICES. LET US QUOTE YOU. :: :: :: :: :: ::

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, July 27.

		Per doz.
Beauties,	Specials	$2.00 to $2.50
"	Extra	1.00 to 1.50
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$5.00 to $6.00
" "	Extra	3.00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		4.00 to 5.00
Golden Gate		4.00 to 5.00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 5.00
Meteor		3.00 to 5.00
Perle		2.00 to 4.00
Sunrise		2.00 to 4.00
Carnations,	Common	.75 to 1.00
"	Fancies	1.50 to 2.00
Adiantum	Cuneatum	1.00 to 1.25
"	Farleyense	1.00 to 1.25
Asparagus	Plumosus, Strings	25.00 to 35.00
"	" Sprays	1.00 to 1.50
"	Sprengeri "	1.00 to 1.50
Asters		1.00 to 1.50
Gladiolus		2.00 to 4.00
Lily of the Valley		2.00 to 2.50
Smilax		12.50 to 15.00
Sweet Peas		.20 to .25
Tuberoses		3.00 to 4.00

"MUCH information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—THOMAS CHAPMAN, Denver, Colo.

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

Wholesale Cut Flowers
Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

WM. MURPHY,

GROWER AND COMMISSION DEALER IN

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128 East Third Street,

Phones Main 980 West 1191-R **CINCINNATI, OHIO.**

Mention The Review when you write.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

38-40 Miami Avenue, Detroit, Mich.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

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J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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All Flowers in Season

CONSIGNMENTS SOLICITED

Prompt returns and best of care given all consignments.

C. E. CRITCHELL,

WHOLESALE COMMISSION FLORIST,

36 EAST THIRD ST., **Cincinnati, Ohio.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Cincinnati, July 27.

			Per 100
Beauties,	Specials		$25.00
"	Extra	$15.00 to	20.00
"	No. 1	10.00 to	12.50
"	Shorts	3.00 to	6.00
Brides and Maids,	Specials		5.00
" "	Extra		4.00
" "	No. 1		3.00
" "	No. 2		2.00
Golden Gate		2.00 to	5.00
Kaiserin		2.00 to	6.00
Liberty		2.00 to	6.00
Meteor		2.00 to	5.00
Perle		2.00 to	4.00
Sunrise		2.00 to	4.00
Carnations,	Common		1.00
"	Selects	1.50 to	2.00
"	Fancies	2.00 to	3.00
Adiantum	Cuneatum	1.00 to	1.50
Asparagus	Plumosus, Strings	40.00 to	50.00
"	" Sprays	4.00 to	5.00
"	Sprengeri, "	2.00 to	3.00
Asters		1.50 to	2.50
Callas		8.00 to	10.00
Daisies		.25 to	1.00
Gladiolus		2.00 to	4.00
Lilium	Auratum	4.00 to	6.00
Lilium	Longiflorum	8.00 to	12.50
Smilax		12.50 to	15.00
Stocks		2.00 to	4.00
Sweet Peas		.15 to	.25

Pittsburg, July 27.

			Per 100
Beauties,	Specials	$20.00 to	$25.00
"	Extra	12.00 to	15.00
"	No. 1	6.00 to	10.00
"	Shorts	3.00 to	5.00
Brides and Maids,	Specials	2.00 to	6.00
Kaiserin		2.00 to	10.00
Liberty		3.00 to	6.00
Meteor		2.00 to	6.00
Carnations,	Common	.50 to	1.50
Asparagus	Plumosus, Strings	25.00 to	50.00
"	Sprengeri, Sprays	1.00 to	2.00
Asters		1.00 to	3.00
Daisies			.50
Gladiolus		6.00 to	10.00
Lily of the Valley		3.00 to	4.00
Smilax		6.00 to	10.00
Sweet Peas		.10 to	.50

YOUR paper is all right. I said it years ago when I sent my first dollar and I say it yet.—G. B. STEINHAUSER, Philadelphia, Pa.

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

I LOOK for the REVIEW on Sundays just as I do my meals and could do without one as well as the other.—FRANK IMBACH, Newport News, Va.

"I SHOULD not care to be without the REVIEW, as one article is often worth more to me than the cost of many years' subscription."—CHAS. H. ZUNDEL, Haverstraw, N. Y.

"YOU may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper."—G. M. NAUMANN, Cleveland, O.

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Wholesale Grower of CUT FLOWERS,

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Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at **$1.00** each.

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30,000 PLANTS.

Enchantress, Queen, Prosperity, Bradt, Lawson, Gov. Roosevelt, Lorna, Glacier, Harlowarden and others. Healthy stock warranted. Delivery any time as desired. Write me for prices.

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Send for my list of varieties and prices.

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Begonia Gloire de Lorraine.

Nice 2-inch stock, $12 00 per 100.
3-inch stock, fine specimen, 35.00 "

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NEW 1904 CROP.

Price mixed, 3000 seeds, $1 00.
¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00.
¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00.
Cash with order.

Plants ready September 1.

PETER BROWN, Pansy Grower,

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ASPARAGUS Plumosus Nanus Seed

$3.50 per 1000. Larger quantities less. True to name and of highest germinating quality.

DRAKE POINT GREENHOUSES,

YAHALA, FLORIDA.

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Vegetable Forcing.

LETTUCE IN HOTBED.

I have a piece of ground 30x120 on which I wish to build a greenhouse or houses. The exposure is good, but the drainage poor; cannot go more than five feet below the floor. Have natural gas for fuel and want to heat with hot water. The main crops will be carnations and lettuce. Could I build a house twenty-two feet wide with four benches and three walks, putting the lettuce in a hot-bed on the east side of the house with two 1-inch hot water pipes covered with tile in the bottom of the bed? Would the hot-bed work for a first crop, say from November to January, and again in early spring to meet the outdoor crop. C. E. S.

I see no reason why your plan to build one house as described should not work all right with the hot-bed for lettuce. But I would not put the pipes in the bottom of the bed, as lettuce does better with the roots cooler than the overhead temperature. Two 1-inch hot-water pipes seem rather little to maintain a growing temperature during zero weather, which we are apt to get even in December. Though they will struggle along at a lower temperature, to keep them growing as they ought to grow about 45 degrees by night is necessary. I would suggest that you put two pipes of the size mentioned along each side of the pit about one foot above the level of the soil. This would not only insure you against all weather, but, with such an arrangement, lettuce could be grown right through the winter if desired. W. S. CROYDON.

VEGETABLES UNDER GLASS.

Writing of a trip to the vicinity of Boston last fall, Charles H. Black, of Hightstown, N. J., says:

At Belmont we visited the place of Hitter Bros., one of whom conducted us through the houses. He was a gentleman who knew his business, and not afraid of work. Several large houses mostly 50x300 and 600 feet, glazed with large double thick glass. One house 50x600 feet, planted in tomatoes in rows three feet apart, trained to single stems, and full of fruit from bloom to half grown. One house just set in lettuce, and one or two smaller houses of tomatoes, were all that were planted. What was strange and interesting to me, was the mode of culture. The houses have all solid beds about three feet deep of rich soil and manure. I was informed by Mr. Hitter that after each crop the beds were spaded over and thoroughly pulverized, then a heavy dressing of partially rotted stable manure was worked in and the beds thoroughly saturated with water, and when in proper condition planted and not wet again during the time of the crop's growth; the plants are not even wet when transplanted. I asked how they made small, tender lettuce plants live without water or shade? I was told that it was not necessary, that a lettuce plant could not be killed very easily. I suppose the plants must assume the hardy character of the Yankee. I would expect the plants to die with me under such treatment. The tomatoes were treated in the same manner. The plants were about three feet high, and in perfect health. The top soil seemed like dry dust, but the deep, rich, mellow bed seemed to supply everything needed. This method I thought appeared better than sub-irrigation. One house 50x600 feet was certainly evidence enough of the success of this treatment. Sometimes two crops of lettuce are grown without water. Everything showed intensive culture.

CATALOGUES RECEIVED.

Schlegel & Fottler Co., Boston, bulbs; F. Ludemann, San Francisco, bulbs and plants; C. S. Harrison, peonies; Chas. D. Ball, Holmesburg, Philadelphia, palms.

PACIFIC COAST.

ARAUCARIAS.

The araucaria family furnishes us with some of the most beautiful specimen trees we have on this coast. They are all noted for their symmetrical appearance and as an avenue tree they have no equals. Araucaria excelsa, A. Bidwilli, A. Cunninghami, A. Cooki, A. Braziliensis and A. imbricata are perfectly hardy in this latitude. They are all easily grown from seed, if the seed be fresh, for, unlike many of the large conifers, it is not a good keeper. When I stated that as a family they are hardy I should add that A. excelsa, A. Cooki and A. Cunninghami will not stand over a few degrees of frost until they are established several years in the open ground. I have lost them in extra cold winters even when they had attained five or six feet in height. Consequently it is a good plan to cover up these varieties during the coldest weather. Araucaria Bidwilli is hardy but does not like a superabundance of moisture during the rainy season, and if it is planted in such a location that the drainage is not ample it has a habit of browning badly on the foliage.

Araucaria imbricata is perfectly hardy and is considered the finest variety. It grows here to a height of fifty feet and specimen plants are always in good demand at big prices. A fifteen-foot tree easily brings $150 and very few of them are offered at any price. They are of slow growth until they get fairly well grown, when they stretch out much faster in proportion than when they are small. They are easily grown from seed and also from cuttings. With the latter it takes them usually six months to root well, but they quickly make a vigorous plant when raised this way.

Araucaria excelsa, if a little hardier, would be an ideal lawn tree. Araucaria Braziliensis is a beautiful tree and of fairly rapid growth. It is very susceptible to water at the root and must be planted in a situation where the drainage is good. It is easily grown from cuttings and makes a vigorous plant in much less time than one that is grown from seed. Araucaria Cooki makes a very large and showy specimen and is much finer foliage than the variety I have just spoken of. It is not extensively grown here in recent years, seed being very difficult to obtain.

Seed of all the araucaria family is obtained principally from Australia, and unless it is shipped perfectly fresh it is usually of no account when it gets here. Many seasons it is impossible to procure some sorts, and although we have had fair success the past few years, I do not think there is any danger of these beautiful evergreens becoming too plentiful. G.

SAN FRANCISCO.

The Market.

We are having continued cool weather and, in fact, the entire coast is having an unusual summer. On Friday morning we were treated to a small shower, the first that has fallen in this month in a great many years. I think this favors the florists considerably, as well as the growers, as reports from the various summer resorts show that the people are slowly coming back to town, the weather along the seashore and in the mountains being too cold to be enjoyable. It is much more satisfactory for the retailers to handle stock in such weather as we have had for the past two months than in the kind we expect at this season. Cut flowers keep fully as long now as they do at any time of the year, and the growers are able to cut flowers of better color and substance than they usually do in June, July and August. Lilium album and rubrum have made their appearance and their advent is always welcomed by the retailers. They are splendid keepers, eagerly bought by the public, and make a good showing in the windows, something we have sorely needed for some time. They are selling wholesale at $2.50 per dozen. Roses are scarce and are in good demand. Many of the growers are drying out their houses. Carnations are plentiful again and of good quality. Some of our largest growers are cutting quantities of Enchantress at present. Asters are coming in slowly. I think we will have a good succession of flowers for several months. Sweet peas are still very plentiful. Sweet sultan is being brought in by several growers and sells readily at from 75 cents to $1 per hundred stems. Golden coreopsis is another article that is in good demand and sells at 75 cents per dozen bunches. Double white dahlias are very handy to have to use in funeral work. Smilax is in season, but the strings are short and soft. Some very good outside Cecil Brunner roses are coming in. This rose does very well in the summer. It wants an abundance of moisture and the flowers should be kept picked off to get the best results.

Various Notes.

H. Ratfisch, the carnation grower, of Berkeley, is on a trip to Alaska.

B. Flossmann has been elected president and Geo. Kullmer vice-president of the Society Hortensia of Oakland.

Wm. Hoogs, of Sanborn's Floral Depot, Oakland, is on a month's vacation.

The Cox Seed Company is remodeling its grounds at Glen Echo. They have just finished building a shade house 50x150 feet. John Vallance is the manager of this portion of the business.

Domoto Bros. have just received a large consignment of cycas stems from Japan.

The Japanese gardeners who have leased the greenhouses of R. Turnbull, at Fruitvale, are erecting another carnation house.

W. W. Saunders left on a business trip to Fresno on Sunday. G.

100,000 Calla Bulbs

READY TO SHIP

1-inch diameter.....per 1000, $25.00 | 2-inch diameter.....per 1000, $45.00
1½-inch diameter..... " 35.00 | 2½-inch diameter..... " 65.00
3-inch diameter.....per 1000, $95.00

ASPARAGUS PLUMOSUS NANUS—Strong, 2-inch.....per 1000, $20.00
CARNATIONS—Field-grown, now ready—G. H. Crane, Success, America.... " 30.00
New Crop Giant Mixed PANSY SEED.....¼ oz., $1.00: 1 oz., 4.00
New Crop Improved SHASTA DAISY SEED....trade pkt., 25c; 1 oz., 5.00; 1 lb., 50.00

250 plants or bulbs at 1000 rate. Charges prepaid to your city. Terms cash with order.

CALIFORNIA CARNATION CO., LOOMIS, CAL.

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Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

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Burbank's Shasta Daisy Seed

New crop, 20c per 100; $1.25 per 1000; $9.00 per ounce; ¼-ounce at ounce rate.

LOOMIS FLORAL CO.

LOOMIS, CAL.

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DETROIT.

Various Notes.

On last Wednesday, July 20, the annual outing and picnic of the Detroit Florists' Club was held at Bois Blanc park, and it was the largest in point of attendance of any, there being over 100 present, and a most beautiful day. The committee in charge had prepared an excellent program. There was but one thing that marred the enjoyment of the occasion and that was the absence of the members who reside in Mt. Clemens. But one of them can be excused, for Jas. Taylor is building himself a house in which to entertain his friends and care for his large family of children.

There has been a general complaint about Detroit for some time of the lack of rain, several of the florists in the suburbs being entirely without water, but on Thursday a heavy rain helped out and cooled off the atmosphere.

The delegation to St. Louis will be a light one in number, but heavy in weight, as it will consist of President Breitmeyer, Wm. Dilger, J. F. Sullivan and son and possibly one or two others, all heavyweights, who can afford to lose some flesh. The thin ones, all being afraid of the heat in St. Louis, have decided not to go.

There is not much business for the grower just now, but there is plenty of work in planting, repairing, etc. Some carnations are being housed, Rackham having finished last week, with a very fine lot of plants. Rag.



GENERAL JOBBING AGENTS:

H. A. DREER, Philadelphia, Pa. W. W BARNARD & CO., Chicago, Ill.
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The progressive, keen and discerning florist will this year buy of this standard introduction that is freely

Conceded to be the best of all Adiantums.

A GREAT ACQUISITION.

The best of all ferns for cut fronds. Brings the highest prices. The easiest to grow and the easiest to sell. Has received the highest encomiums from the leading cut flower dealers in the country.

ADIANTUM CROWEANUM originated at Utica, N.Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets, and has created a great demand for it. **Buy now.** Buy liberally and reap the benefits.

The fronds are **long,** elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

How it pleases after traveling across the Continent.

GRACE HILL NURSERY (J. W. Wolfskill, Prop.)
Wholesale Florist, Los Angeles, Cal.,
(Geo. Watson, Mgr.) July 7, 1904.

W. F. KASTING, Buffalo, N. Y.

Allow me to congratulate you on Adiantum Croweanum, which arrived here in fine condition. I thank you for sending such fine stock and trust I shall have success in growing it.

Respectfully, GRACE HILL NURSERY.

How the Cut Fronds shipped across the Atlantic.

With reference to a quantity of fronds sent to Liverpool, Eng., the recipient writes from that port, June 17 1904, as follows: "The ferns were as fresh as when they were first cut and I believe you can safely send them to Europe, provided they are as carefully packed as these were. They are simply perfect." [Signed] THOMAS R. PROCTOR.

MANY OTHER STRONG ENDORSEMENTS GIVEN IN OUR CIRCULAR OF TESTIMONIALS, FREE ON REQUEST.

Stock now ready to ship, out of 3-inch pots, strong plants, at the following prices:—**$5.00** per doz.; **$35.00** per 100; **$250.00** per 1000; 25 at 100 rate; 250 at 1000 rate.

Also Stock Plants from bench, in size requiring 8 to 10-inch pots, **$9.00** per doz.; **$67.50** per 100; **$600.00** per 1000.

A booklet on growing this Fern, by the originator, Mr. Crowe, free with every shipment.

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S. S. SKIDELSKY, Traveling Representative; Mail Address, 824 North 24th St, PHILADELPHIA, PA.

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Gloire de Lorraine

July delivery. 2-in. pots, **$12** per 100.

Just from the woods direct:

CATTLEYA GASKELLIANA.

Inquire for prices at once.

JULIUS ROEHRS,
Exotic Nurseries, RUTHERFORD, N. J.

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ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

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YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

$20 ROSE PLANTS $20

To make room and quick sale 28,000 good, clean and healthy stock; large plants, been shifted twice. The following varieties only at $20.00 per 1000; less at same rate. Perles, Bridesmaids, Brides, Liberty and Ivory.

American Beauty Bushes, $35.00 per 1000. Field-grown Carnation plants now ready. Write for prices on your wants.

GEO. REINBERG, 51 Wabash Ave., CHICAGO, ILL.

A. Plumosus Nanus.

2-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Always mention the Florists' Review when writing advertisers.

100,000 FIELD GROWN Carnation Plants. All the Standard Varieties.

Strong, healthy and well-grown plants. Can make Shipments now, or book orders for early Fall delivery.
PRICES AND LIST ON APPLICATION.

SMILAX, 2-inch pots, **$20.00 per 1000.** **ASPARAGUS PLUMOSUS** 3-inch pots, **$7.00 per 100**

LEO NIESSEN, 1217 Arch Street, Philadelphia, Pa.

BUTTE, MONT.

The cut flower business is at a standstill at present. The greenhouse force is doing the hustling stunt. At Gregson, the pipes formerly were under the benches, too close for the roses. Now they are being put on the sides of the house, hung around. The pipes have been in use four years and it was predicted that they would corrode with the natural hot water from the springs. They were just as clean as when put in. Mr. Day claims this comes from keeping the pipes filled up all the time. As usual their carnations are very fine. Mr. Day speaks of the wonders Lawson has done the past season.

A trip to the Columbia gardens was well worth the writer's time. Up to within the last two weeks they have been having frost up there. The pansy beds are fine; never saw any better, and the stocks and snapdragon are all that could be expected. The geraniums are not so good. The lawns look good. Mr. Siegel has planted hundreds of Canadian poplars and they are doing well. At the houses he has beautiful begonias. A bench in the center of the house is a profusion of blooms. He is still cutting from his carnation house, some very fine Enchantress and Lawson. He has a stephanotis vine in full bloom. Three years ago he received, among a lot of Beauty plants from Chicago, a climbing rose which is a beautiful thing. It has a flower shaped on the order of President Carnot, about two shades darker than Testout, about the size of a large Beauty and a continuous bloomer. Mr. Siegel has tried his best to find out what it is, but no one seems to know it. If unnamed, it may be called Senator W. A. Clark.

M. Law has returned from Spokane. He will open an up-to-date store there this fall. Elmer Law is in Salt Lake at present, where he expects to locate.

Wm. Hendrickson, at Missoula, will have some fine gladioli, sweet peas and phlox to ship soon.

The Columbia gardens, if present plans are carried out, will have an entirely new range of houses this fall.

Sylvester Hansen, who has charge of W. A. Clark, Jr.'s houses, will devote one house entirely to orchids this season.

A cloudburst on the flats gave the boys at the old Law plant quite a scare last week. Not much damage was done.

The State Nursery has a stand in one of the Park street restaurants and has a nice display window.

The Montana Florists' Club has elected the following officers: President, O. A. C. Oehmler; vice-president, Charles W. Wilson; secretary, A. C. Wilhelm; treasurer, Victor Siegel; directors, James H. King, N. N. McNamee and Sylvester Hansen. A committee consisting of Jacob Seitz, S. Hansen and C. W. Wilson, was appointed to promote the interests of Montana horticulturists. The club proposes to hold a picnic at the gardens next month and appointed a committee to arrange for the affair.

RAMBLER.

CARNATIONS, FIELD-GROWN PLANTS.

First size, **$7.00** per 100.
Second size, **$5.00** per 100.

Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Stella, Bradt, Maceo, Gomez, Roosevelt, Crane, Adonis.

Roses 2½-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Golden Gate, Ivory.

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

ROSES.

10,000 2½-in. Maids	$20.00 per 1000
10,000 3½ in. Brides	40.00 "
10,000 3 and 3½-in. Beauties	$5.00 per 100, $45.00 per 1000.
2½-in. Beauties	$35.00 per 1000
2,500 3½-in. Gates	40.00 "
500 3½-in. Franz Deegen	4.50 per 100
1,500 3½-in. Perles	4.50 "
15 000 2½-in. Stevia	2.00 "
Stevia R. C.	$1.50 per 100, 12.00 per 1000

R. C. of Ivory, Murdock, Willowbrook, Christmas, Shrimpton, Intensity, Parr, Jones, Wilkidin, Bonnaffon, Pacific, Halliday, Sunshine, Appleton, Richardson.

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Mention The Review when you write.

15,000 EXTRA FINE ROSE PLANTS

3-inch pots, propagated for our own use, Bride, Bridesmaid, Golden Gate, Ivory, Meteor, $4.00 per 100; $35.00 per 1000.

A. GUDE & BRO.

1124 F Street N.W., WASHINGTON, D. C.

Mention The Review when you write.

GOOD ROSES.

Kaiserin, 3 inch ..... $6.00 per 100
Sunrise, 3-inch ..... 8.00 "

Clean, healthy, young plants. CASH with order, please.

CHARLES E. MEEHAN,

Musgrove and Slocum Sts., GERMANTOWN, PA.

Mention The Review when you write.

3-inch ROSES Strong, healthy plants Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$3.50	$30.00
Perles	5.00	45.00
Beauties, special	4.00	40.00
Kaiserins, extra fine	6.00	
2½-inch—Brides, Ivory	2.50	20.00
2½-inch—Beauties	3.00	25.00

Very low prices for very good plants. Order at once. Stock will not last long at such figures.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Rose PLANTS

Strong Stock from 2½-in. pots.

Low Prices to close out.

UNCLE JOHN

The finest pink rose yet introduced, beautiful color, free bloomer, best money-maker.

$20.00 per 100; $150.00 per 1000

	Per 100	1000
Mme. Chatenay	$3.00	$25.00
Sunrise	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Golden Gate	2.50	20.00

3-INCH POTS.

	Per 100	1000
Chatenay	$5.00	$40.00
Maid	3.50	30.00
Bride	3.50	30.00
Golden Gate	3.50	30.00

ONE-YEAR-OLD PLANTS
From Benches.

American Beauty

$5.00....per 100; $40.00....per 1000

	Per 100	1000
Liberty	$5.00	$40.00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg

51 Wabash Ave., CHICAGO.

ROSES. 3½-inch pots. First-class plants.

650 Sunset, 500 Brides, 500 Hoste,
1000 Chatenay, 300 Golden Gate, 450 Perles,
1000 Maids, 150 Sunrise.

$6.00 per 100.

P. R. QUINLAN & CO., SYRACUSE, N. Y.

Mention The Review when you write.

Perles, Am. Beauties

Brides, Maids, Golden Gates, Ivory, La France, Carnot.

Boston and Piersoni Ferns, Sprengeri and Plumosus—All sizes, 2½, 3, 4 and 5-inch. Ready to shift. Send 50c or $1.00 for samples of sizes you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Chrysanthemums The New Ones

They are going to be the winners this fall for both commercial and exhibition purposes. As stated in our advertisement of last week, if you want to get into the first row you want to put them in now, and we are offering the full list as advertised in last week's paper.

These plants are fine 2½-inch stock, and are sure to give satisfaction. **$3.00 per dozen,** assorted kinds. Same rate for entire lots of one or more each. No orders filled for less than one dozen.

Have also a few of the standard sorts on hand, such as Estelle, the best early white; Polly Rose and Mrs. Murdock, a fine, all-around pink, at **$2.50 per 100; $20.00 per 1000.**

La France Roses, extra fine stock, 2½-in. pots, from grafted stock, **$5.00 per 100.** Perfectly clear of any mildew.

CASH WITH THE ORDER. SATISFACTION GUARANTEED.

"CRITCHELL'S"

Avondale, :: Cincinnati, Ohio.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00	per 100;	$50.00	per 1000
Queen Louise	6.00	"	50 00	"
Mrs. Geo. Bradt	6.00	"	50.00	"
Norway	6.00	"	50.00	"
Estelle	6.00	"		
Flora Hill	5 00	"	40 00	"
Joost	5.00	"	40.00	"
Genevieve Lord	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots.....$8.00 per 100
Golden Gate Roses, strong, 4-in. pots 8.00 "

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

Field-Grown Carnations.

Strong Healthy Plants.

Lawson	$6.00	per 100;	$50.00	per 1000
Flora Hill	5.50	"	45.00	"
White Cloud	5.00	"	40.00	"
Guardian Angel	5.00	"	40.00	"

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.
PETERSON AVE., NEAR ROBEY ST.

H. Weber & Sons
CARNATIONS!
Oakland, Md.

Chrysanthemums

In great variety. $2.00 per 100. From 2¼-inch pots. **Rooted Cuttings,** 25,000 ready, 85c per 100; $7.50 per 1000.

Send us your order — no delay.

COOLIDGE BROS., So. Sudbury, Mass.

ORCHIDS

ARRIVED — Large Shipments in SUPERB CONDITION.

See our advertisement in issue of June 80, p. 273.

Write for special list.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

NOW IS THE TIME

To stock up on Araucarias and reap the benefit of the summer's growth.



Araucaria Excelsa.

As usual at this season of the year we are carrying an immense stock of these plants, all are of good value and will be found a profitable investment.

Araucaria Excelsa.

		Each
4-in. pots	5 to 6 in. high...2 tiers	$ .35
4-in. pots	8 to 10 in. high...3 tiers	.50
6-in. pots	12 to 14 in. high...3 to 4 tiers,	.75
6-in. pots	14 to 16 in. high. .4 tiers	1.00
6 in. pots	16 to 18 in. high...4 tiers	1.25
7-in. pots	20 to 24 in. high...4 to 5 tiers,	1.50

Araucaria Excelsa Glauca.

		Each
6-in. pots	13 to 15 in. high...3 tiers	$1.25
7-in. pots	16 to 18 in. high...4 tiers	1.75
7-in. pots	22 to 24 in. high...4 to 5 tiers,	2.00

Araucaria Robusta Compacta. Each

6 in. pots	10 in. high	2 to 3 tiers	$1.25
6-in. pots	12 in. high	3 tiers	1.50
7-in. pots	15 in. high	3 to 4 tiers	1.75

Now is also the time

To sow seeds of PANSIES, PRIMULAS, CINERARIAS, DAISIES, MYOSOTIS, etc., etc.

Full list of same see our current wholesale catalogue.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

50,000 Grafted Roses

Ready for immediate planting. Perfectly healthy. The finest grown. **Liberty,** 3½-in. pots, **$18** per 100. **Maids, Brides, Kaiserins, Ivory, Golden Gates,** 3½-in. pots, **$15** per 100.

J. L. Dillon, Bloomsburg, Pa.

Primroses

	Per 100
Chinese, 2-inch pots	$2,00
Forbesi	2.00

Asparagus

	Per 100
Plumosus Nanus seedlings	$1.75
" 2-inch pot	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed	$4.50 per 1000.

PANSY SEED.....ne plus ultra, oz., $4.00

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

We Want Room

and as long as they last will sell a few nice Piersoni stock in 3-inch at $12.50, 4-inch at $15.00, 6-inch at $75.00, 7-inch at $100.00 per 100. Send order to

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Last Call--Stock Must Be Sold

Boston Ferns—Nice young plants out of 2½-in. pots, $2.75 per 100. **Kentia Palms**—Cool grown and stocky, 3½-in. pots $12.00 per 100. **Coleus**—Golden Bedder, Verschaffeltii, and 10 other varieties, 2-in. pots, $2 00 per 100. **Stevia**—Fine stocky plants, 2-in. pots, $2.00 per 100.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA.

S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

VIOLETS

from 2-inch pots. Marie Louise, Lady Campbell and Princess of Wales, $20.00 per 1000; Imperial, $25.00 per 1000. Princess of Wales from 2½-inch pots, $3.00 per 100.

CRABB & HUNTER

GRAND RAPIDS, MICHIGAN

Mention The Review when you write.

PITTSBURG.

The Market.

One could not make a report on the market, as there is apparently nothing in the market. Asters are still very scarce, the same with carnations and roses hardly worth mentioning; in fact, we are in the worst of the summer season as far as cut flower men are concerned.

There was some business in funeral work last week owing to the death of Thos. S. Biglow; many designs and bunches of flowers of all kinds were used. The retailers do not seem to complain very much, as they think better times are coming, as things are brightening up in the iron industries and mills are starting, so it is only a question of a little time until money is more plentiful and trade will be accordingly good. Many of the boys are taking advantage of the summer dullness and are taking vacations.

Various Notes.

Mr. McClements, of Randolph & McClements, is reported sick at his farm at Bakerstown. Sam is a breeder of fancy stock in Shetland ponies as a kind of diversion from his decorative business.

Walter Breitenstein is spending much of his leisure time canoeing on the waters at home, and with an occasional jaunt through the woods he manages to keep himself sunburned and happy.

T. P. Langhans, of the Pittsburg Cut Flower Co., with his family and a party of friends, has gone to Bobcaygeon, Canada, for a fishing spell.

John Bader is back from Atlantic City. He is a Shriner and went with the Shriners. Nuff-Ced.

Geo. L. Huscroft, of Steubenville, O., is an Elk, and went to Cincinnati with the Elks. Well, he got back.

John Baldinger, of T. M. Ulam & Co., who was laid up with the rheumatism, is able to attend to business again.

Dave Geddis, of Geddis & Blind Bros., went to the mountains alone, leaving Mrs. Geddis and the baby boy at home. He lasted four days and got so homesick that he looked up a fast train.

Hoo-Hoo.

Westville, O.—Albert Barber and Otto Reisch, the new proprietors of the Graves & Reisch business, have removed the greenhouses to the Barber farm north of town.

Reading, Pa.—Edgar H. Beears has purchased a plot of ground at Rosedale and has erected a residence and a greenhouse 250 feet long. Four more greenhouses will go up shortly.

CHRYSANTHEMUMS.

Fine stock from 2 and 2¼-inch pots, $2.00 per 100. Eaton, Chadwick, Golden Wedding, Mrs. Jerome Jones, Yanariva Yanoma, Goldmine, Superba, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Col. D. Appleton, Bonnaffon Pink Ivory, Ivory, Glory of Pacific, Lincoln. CASH or satisfactory reference.

J. J. ARNOLD, HOMER, N. Y.

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Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

Greenhouse and Vegetable Plants.....

2¼-in. stock. Not less than 5 of any 1 variety sold.

	Per doz.	Per 100
Asparagus Sprengeri, 2¼-in.....	50c	$3.50
Hardy Pompon Chrysanthemums, Small flowering or Button var....		2.00

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, Mme. Conover, Jean Viaud, Granville (single), &c., $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00,	40c	2.00
Hibiscus, 5 varieties.....		3.00
Lemon Verbena.....per 1000, $20.00,	50c	2.50
Lantanas, 10 varieties. per 1000, $17.50,	40c	2.00
Maranta Messangeana.....	75c	4 00
Nymphaea Odorata Gigantea.....	60c	3.50
Plumbago, Blue and White 3-inch...		3.00
Smilax..... .....per 1000, $15.00,		2.00
Swainsona Alba.....	40c	2.00
" Roses	40c	2.00

VEGETABLE PLANTS.

On Cabbage and Celery we are prepared to make special price on large lots.

CABBAGE—Early and Late Flat Dutch, Succession, L. I. Second Early, Drumhead, Danish Ball Head, Rock Red, Drumhead Savoy, &c., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—White Plume, Pink Plume, Giant Pascal, Golden Self Blanching, Golden Heart, Boston Market, &c.; also Celeriac, 25c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY—Moss Curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

KOHL-RABI and **Brussels Sprouts**, 25c per 100; $1.50 per 1000.

We have a million each of cabbage and celery.

Cash with order.

R. Vincent, Jr., & Son, White Marsh, Md.

Mention The Review when you write.

SEASONABLE STOCK

We have the following in first-class shape. If you are in need of any of these, you cannot do better either in plants or price.

Asparagus Sprengeri 2½-in. pots, $2.00 per 100; $18.00 per 1000. We have 100,000 of these in fine shape.

Asparagus Plumosus 1¾-inch pots, $2.00 per 100; $18.00 per 1000. This is fine young stuff.

SMILAX—1¾-in. pots, $1.50 per 100; $12.00 per 1000. This is also fine.

Let us have your order at once.

THE GOOD & REESE CO., Springfield, Ohio

THE LARGEST ROSE GROWERS IN THE WORLD.

Mention The Review when you write.

Asparagus Tenuissimus

Fine plants from 2¼-inch pots, $3.00 per 100.

BEGONIA REX

Fine assortment, 3-inch pots, $5.00 per 100.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

50,000 SMILAX

From 2½-inch pots, $1.25 per 100; $10.00 per 1000.

ASPARAGUS SPRENGERI—Plants from seed bed, ready for potting, $1.00 per 100; $9.00 per 1000.

ASP. PLUMOSUS NANUS—Strong 2¼-inch, $2.50 per 100; $24.00 per 1000.

GERANIUMS—Strong 2½-in. plants, Beaute Poitevine, Mrs. E. G. Hill, Jean Viaud, S. A. Nutt, A. Ricard, $2.00 per 100.

CARNATIONS—400 Glacier, from 3-inch pots, $3.00 per 100.

CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

SMILAX. 1000 nice plants, 2 inch pots, $1.25 per 100. 25.000 **Asp. Plumosus Nanus**, 2-inch pots, $2.50 per 100. Cash.

Jos. H. Cunningham, Delaware, Ohio.

To-bak-ine Products

Positively kill All kinds of Bugs

Send for our new booklet "WORDS OF WISDOM."

E. H. HUNT,

76-78 Wabash Avenue, **CHICAGO.**

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

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When Writing Advertisers.

PALMS.

Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

Mention The Review when you write.

Boston Ferns

Cut from bench,
$5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench,
$5.00 per 100; $40.00 per 1000.
Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,
Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

POINSETTIAS.

Strong, 2½-inch, $5.00 per 100; $40.00 per 1000, 250 at 1000 rate.

ASPARAGUS SPRENGERI, very strong, 4-in., $7.50 per 100. Cash with order please.

W. W. STERTZING,
7280 Old Manchester Road, ST. LOUIS, MO.

Mention The Review when you write.

Cyclamen Giganteum.

Fine large plants, 3-inch, ready for 4-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS NANUS
2-inch pots, ready for 3-inch, $3.00 per 100; 3-inch, bushy plants, ready for 4-inch, $4.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

Mention The Review when you write.

BOSTON FERNS

CUT FROM BENCH.

$4, $8, $14 per 100.
Fine stock to pot.

CENTRAL GREENHOUSES
SANDUSKY, OHIO.

Mention The Review when you write.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

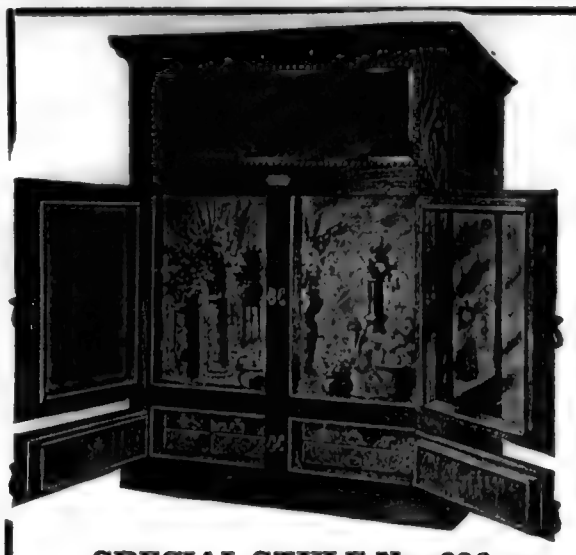
ROSE LEAF EXTRACT OF TOBACCO INSECTICIDE

For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.



McCray Florist REFRIGERATORS

Known Everywhere for Superiority.

Noted for absolutely dry interior, thus avoiding entirely the sweating of glass. The positive circulation of pure cold air within keeps the flowers in **perfect condition.**

ECONOMICAL IN THE USE OF ICE.
SCIENTIFICALLY CONSTRUCTED.

Write at once for Florists' Catalogue No. 70.

For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the **McCRAY** is Guaranteed Absolutely Satisfactory.

THOUSANDS TESTIFY TO ITS MERITS.

SPECIAL STYLE No. 686
48 in. wide. 34 in. deep. 66 in. high.

SPECIAL DESIGNS BUILT TO ORDER.

Also we have stock sizes of very neat design ready for prompt shipment.

Mention this Journal and we will send you the following catalogues: No. 39, for residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70 for Florists.

McCRAY REFRIGERATOR CO.
373 Mill St., **KENDALLVILLE, IND.**

Branch Offices and Salesrooms: Chicago 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 636 Smithfield St.; New York, 341 Broadway; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Bldg.; Boston, 52 Commercial St; Columbus, O., 356 N. High St.; Washington, D. C., 620 F St., N. W.

☞ **Address Main Office, unless you reside in one of the above named cities.**

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TOBACCO POWDER

THE BLACK STUFF FINE For Sprinkling Only.

WHEN you cannot fumigate with our **Fumigating Powder** you can apply our **Black Stuff Fine** direct to the plants; it is strong and equally effective in doors or out for extermination of all plant pests. Your money back if it is unsatisfactory. Trial 5-pound package for nothing if you will pay the express charges on it. Write Dept. D. THE H. A. STOOTHOFF CO., 116, 117, 118 West Street, New York.

Mention The Review when you write.

We have special low prices to offer and can save you money on

Galvanized Wire Rose Stakes and Tying Wires

Write us for price before ordering elsewhere. Also Model Extension Carnation Support.

IGOE BROS., Manufacturers, 226 North 9th Street, **Brooklyn, N. Y.**

Mention The Review when you write.

Boston Ferns

2½-inch $4.00, 3-inch $8.00, 4-inch $15.00, 5-inch $25.00 per 100; 6-inch 40c, 7-inch 60c, 8-inch 75c each. Piersoni rooted runners reduced to $2.00 per 100.

DAVIS BROS.
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

G. A. R. EXCURSION TO BOSTON via THE WABASH.

August 12, 13 and 14 the Wabash Railroad will sell excursion tickets from all stations to Boston and return at one cent per mile in each direction. Fare from Chicago, $17.75. Limit may be extended to Sept. 30 by deposit and payment of 50c. Write for illustrated folder giving full details, with side trips, etc. F. A. Palmer, A. G. P. A., 311 Marquette Bldg., Chicago, Ill.

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Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum cuneatum, strong, healthy plants, 4-in., $12.00 100; 3-in., $6.00 100, $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ALTERNANTHERAS.

Alternantheras, red, 2-in., strong, $2.00 100. Cash. Chase & Son, New London, O.

ALYSSUM.

500 alyssum, trailing, 2¼-in., two in each pot, $2.00 per 100. Cash.
E. C. Boss, Honesdale, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, 4 and 5-in., 10c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50c to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann 1012 Ontario St., Phila., Pa.

ASPARAGUS.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

We offer flats of asparagus in which 1000 seeds were originally sown; now contain from 800 to 900 fine seedlings ready for 2½-inch pots, at $10.00 per flat; 2½-inch asparagus, $3.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus plumosus nanus, well established, 2½-in., pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri plants from seed bed, ready for potting, $1.00 per 100, $9.00 per 1000. A. plumosus nanus, strong, 2¼-in., $2.50 per 100, $24.00 per 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¼-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus Sprengeri and plumosus, all sizes; 2½, 3, 4, 5-in., ready for shift. Send 50c or $1.00 for samples of sizes you want.
Geo. A. Kuhl, Pekin, Ill.

Renew your beds with fine fresh Sprengeri, 3-in. at $3.00 per 100. Also 350 Plumosus nanus, $10.00 the lot. Cash.
Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 6-in. pot plants, 15c and one year old clumps, 10c each; fine for growing strings.
Jos. Wood, Spring Valley, N. Y.

Asparagus plumosus nanus, 2-in., ready for 3-in., $3.00 100; 3-in., bushy, ready for 4-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, very strong 4-in., $7.50 per 100. Cash with order, please.
W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

500 Asparagus Sprengeri, 2-year-old plants, from bench, $15.00 100. Cash.
Mrs. E. A. Williams, 621 Penn Ave., Pittsburg, Pa.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

25,000 Asparagus plumosus nanus, 2-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus Sprengeri, 4 to 7-in. pots, in large quantity at a bargain.
H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, 2¼-in., strong plants, $3.00 per 100.
John Dieckmann & Co., Wheeling, W. Va.

Asparagus plumosus nanus, 2-in., $2.50 100; 3-in., $5.00 100.
Sherman Nursery Co., Charles City, Iowa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus tenuissimus, fine plants, 2¼-in., $3.00 100. Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus, 2¼-in. pots, $2.50 100; $20.00 1000. J. S. Bloom, Riegelsville, Pa.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus, fine 3-in., ready for 4-in., $5.00 per 100. Weber Bros., Florists, Ironton, O.

Asparagus Sprengeri, 2-in., strong, $2.00 per 100. Cash. Chase & Son, New London, O.

Asparagus plumosus, 3-in., strong, $8.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., $7.00 100.
Leo Niessen, 1217 Arch St., Phila.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

BAY TREES.

Bay trees. Standards and pyramids, at $10.00 and $15.00 each, according to size.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BEGONIAS.

Begonias. Vernon, white and red; metallica, argenteo-guttata, vestissima, rubra, Marjorie Daw, Nitida rosea, Triumph de Lorraine, Lenore, Sandersoni and other good ones, out of 4-in. pots, full bloom, $4.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, nice 2-in., stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100. A. Jablonsky, Wellston, St. Louis, Mo.

Rex begonias, 2-in., $2.00; rooted cuttings, $1.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

Begonia Gloire de Lorraine, 2-in. pots, $12.00 per 100. Julius Roehrs, Rutherford, N. J.

Begonia Rex, fine assortment, 3-in., $5.00 100.
Nathan Smith & Son, Adrian, Mich.

BULBS.

10,000 Paper White narcissus bulbs, 1 to 2 inches in diameter, 50c per 100. 8000 Calla lily bulbs, 1½-in. and up, $2.50 per 100. Smilax bulbs, 2 inches in diameter, $1.00 per 100.
S. W. Marshall & Son, Fresno, Cal.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Lilium canadensis, red and yellow, $3.00 100, $15.00 per 1000. Lilium philadelphicum, $3.00 per 100, $15.00 per 1000.
L. E. Williams, Nottingham, N. H.

FREESIAS. Bermuda or California, ready for delivery; ⅜ to ½-inch, 100, 50c; 1000, $3.50; ½ to ¾-inch, 100, 75c; 1000, $6.00.
LILIUM HARRISII. Bermuda, XXX, ready July 25th, 5x7, 100, $3.50; 1000, $32.00; 6x7, 100, $4.50; 1000, $42.00; 7x9, 100, $8.00; 1000, $75.00; 9x11, 100, $16.00.
LILY OF VALLEY. Empress, from cold storage to close out, we offer 100, $10.00; case 2,500 $25.00.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Paper whites, 13 cms. and over, $7.50 per 1000; grandiflora, $9.50 per 1000.
N. Le Page, Mt. Vernon, N. Y.

100,000 calla bulbs, ready to ship. See display adv. for sizes and prices.
California Carnation Co., Loomis, Cal.

Amaryllis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

Prices on all bulbs quoted on application.
Johnson & Stokes, 217-219 Market St., Phila.

CACTI.

Cacti, thrifty and true to name; mixed, from 20 varieties, 100 plants for $4.00 by express. Small bedding Echeveria californica and stapelia (star-fish cactus), $1.25 per 100. Cash.
Mrs. M. E. Patterson, Glendale, Cal.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex

CARNATIONS.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$5.00	$45.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	6.00	50.00
Flora Hill	6.00	55.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	6.00	50.00
Guardian Angel (Sport)	5.00	45.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	5.00	45.00
Morning Glory	6.00	50.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	6.00	55.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson, 2d.	$6.00	$50
Lowndes	6.00	50	Roosevelt	6.00	50
Wolcott	6.00	50	Nelson	5.00	45
Her Maj'ty	6.00	50	Floriana	5.00	45
Marian	5.00	45	Estelle	6.00	50
Q. Louise	5.00	45	Challenger	5.00	45
W. Cloud	5.00	45	G. Beauty	6.00	..
Enchant.	8.00	70	H'warden	7.00	60
Fair Maid.	6.00	50	Prosperity	6.00	45
Alpine Glow	6.00	50	Gaiety	6.00	45
Lawson 1st.	8.00	70	Field	7.00	..

S. S. Pennock, 1612 Ludlow St., Phila.

Fine, field-grown carnations, ready to bench.

	100		100
Lawson	$6.00	Q. Louise	$6.00
Bradt	6.00	Crane	6.00
J. H. Manley	6.00	Prosperity	6.00
G. Lord	5.00	Floriana	5.00

Marshall Field, variegated, $7.00; Challenger, scarlet, very free, $7.00. 10 per cent discount on orders over $10.00. Cash with orders. Satisfaction guaranteed.
J. D. Cockcroft, Northport, L. I., N. Y.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

Carnations, field-grown plants; first size, $7.00 100; second size, $5.00 100. Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Stella, Bradt, Maceo, Gomez, Roosevelt, Crane, Adonis. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Carnations, pot-grown, for July planting. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$40
Q. Louise	6	50	Joost	5	40
Mrs. Bradt	6	50	G. Lord	5	40
Norway	6	50	Mac Richm'd	5	40
Estelle	6		Pond	5	40

Isaac H. Moss, Govanstown, Balto., Md.

Carnations, fine, stocky, field-grown plants.

	100		100
2000 Lawson	$6.00	1000 Fair Maid	$6.00
1000 Marquis	5.00	500 Enchant.	10.00
1000 G. Angel	5.00	500 F. Hill	5.00

G. A. Ruckham, 880 Van Dyke Ave., Detroit, Mich.

Field-grown carnations. Fine plants now ready for the benches. Not surplus stock.

	100	1000		100	1000
Boston Mkt.	$7.00	$65.00	Glacier	$6.00	$50.00
Wolcott	6.00	55.00	Joost	5.00	45.00
McKinley	6.00	50.00			

A. C. Canfield, Springfield, Ill.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud	$5.00	$40
Flora Hill	5.50	45	G. Angel	5.00	40

Cash with order.
Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Carnations, field-grown, ready now. 300 Hill, 400 Norway, 300 Daybreak, 500 Genesee, 500 Crane, 400 Gomez, 300 Scott, 1000 Joost, 5000 Marquis, $5.00 per 100, $40.00 per 1000.
W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Carnations, clean, stocky, field-grown plants, ready now. Gov. Wolcott, Fair Maid, Norway, Cervera, $6.00 per 100. Joost, Challenger, Maceo, $5.00 per 100. W. G. Kroeber, 355 North St., New Bedford, Mass.

Carnation plants, extra strong, from field. Enchantress, $7.00; Lawson, Harry Fenn, Fair Maid, Boston Mkt., $6.00; Maceo, Joost, $5.00 per 100. R. D. Kimball, Waban, Mass.

Field-grown carnations, all the standard varieties, strong, healthy and well-grown plants. Send for list of varieties and prices.
Leo Niessen, 1217 Arch St., Phila.

Field-grown carnations, 1000 plants of Queen Louise, extra fine bushy, ready to bench now, $4.00 100; $35.00 1000. Cash.
Jos. P. Johnson, Jr., Hightstown, N. J.

Some good carnations, fair-sized for the season. Joost, Fair Maid Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

Strong, healthy field plants of Lorna, Queen Louise, Gov. Wolcott, G. Angel, Lawson, $5.00 per 100. Cash with order.
Henry Baer, R. R. 3, Peoria, Ill.

Field-grown carnations. Healthy stock warranted. Delivery any time as desired. Write me for list and prices.
Chas. H. Totty, Madison, N. J.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Field-grown carnation plants now ready. Let us quote you prices.
Geo. Reinberg, 51 Wabash Ave, Chicago.

400 Glacier carnations, from 3-in. pots, $3.00 per 100.
W. T. Buckley Plant Co., Springfield, Ill.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations. Novelties and standards. Write us. H. Weber & Sons, Oakland, Md.

CHRYSANTHEMUMS.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100.
WIETOR BROS., 51 Wabash Ave., Chicago.

Appleton, Eaton, Yellow Eaton, Chadwick, Yellow Chadwick, Marie Liger, Robt. Halliday, Brutus, Yellow Jones, White Bonnaffon, Ivory, Pink Ivory, Mutual Friend, Polly Rose, Pacific, from 2¼-in. pots, $1.75 per 100; $15.00 per 1000. Cash with order.
Geo. Darsley, 176 Claremont Ave., Jersey City, N. J.

Chrysanthemums Eaton, Chadwick, Golden Wedding, Mrs. Jones, Yanariva, Goldmine, Superba, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Appleton, Bonnaffon, Pink Ivory, Ivory, Pacific, Lincoln, 2 and 2½-in., $2.00 100. Cash.
J. J. Arnold, Homer, N. Y.

Try a few of the new chrysanthemums. We have the Australian-English varieties, including the famous Wells-Pockett set, and other notables. For varieties and prices, see display adv. in issue of July 14, page 363, or write
Critchell's, Avondale, Cincinnati, O.

Chrysanthemums, very fine young plants, such as Appleton, Shaw, Halliday, Bonnaffon, White Bonnaffon, Ivory, Pink Ivory, Glory Pacific, and other good varieties, $20.00 per 1000.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Chrysanthemums, fine rooted cuttings, $10.00 per 1000. 1500 Polly Rose, best early white; 325 Glory Pacific, best early pink; 150 Adele, second early pink; 250 Willowbrook, good early white.
E. L. Spalding, So. Framingham, Mass.

Rooted cuttings of Ivory, Murdock, Willowbrook, Christmas, Shrimpton, Intensity, Parr, Jones, Whilldin, Bonnaffon, Pacific, Halliday, Sunshine, Appleton and Richardson. Write us.
Poehlmann Bros. Co., Morton Grove, Ill.

20,000 mums from 2-in., $3.00 per 100. Rooted cuttings, $2.00 per 100. Prime stock Eaton, Pacific, Bonnaffon, White Queen, Niveus, Dean, Ivory, White Cloud and Yellow Queen.
L. I. Neff, 218 6th St., Pittsburg, Pa.

Chrysanthemum Mme. F. Bergmann, still the best of the early whites. Good stock in prime condition, $2.00 per 100, $18.00 per 1000.
Morton's Evergreen Lodge, Clarksville, Tenn.

Chrysanthemums in great variety from 2¼-in. pots, $2.00 100. 25,000 rooted cuttings, ready, 85c 100, $7.50 1000.
Coolidge Bros., South Sudbury, Mass.

WM. DUCKHAM and DR. ENGUEHARD chrysanthemums, strong rooted cuttings, $10.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

CHRYSANTHEMUMS suitable to bench for late flowers. Varieties and prices on application. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

We are headquarters for all the novelties in chrysanthemums. Send for our list.
C. H. Totty, Madison, N. J.

Jerome Jones chrysanthemums, fine plants, 2-in., $3.00 100; $25.00 1000.
Isaac H. Moss, Govanstown, Balto., Md.

BONAFFON rooted cuttings, 90c per 100.
Otto Bourdy, Lowell, Mass.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CLEMATIS.

Large flowered clematis, finest purple, white, lavender and pink sorts, 4 and 5-in. pots at 18c; 1 yr., from 3-in., 9c. C. paniculata, from 4 and 5-in. pots, 12c.
W. H. Salter, Rochester, N. Y.

Clematis, large flow. var., 5-in., $3.00 doz. C. paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

COLEUS.

Coleus G. Bedder, Verschaffeltii and 10 other var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

500 mixed coleus, 2¼-in., $1.50 per 100. Cash.
E. C. Boss, Honesdale, Pa.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS

Cycas stems, long-leafed variety, 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; per case, 300 lbs., $18.00. Stems range in weight from 1 lb. to 10 lbs.
Johnson & Stokes, 217-219 Market St., Phila.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas stems weighing from ½ lb. to 15 lbs. each at 10c a lb.; 25 lbs. for $2.00; 100 lbs., $7.00.
Henry F. Michell Co., 1018 Market St., Phila.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
Godfrey Aschmann, 1012 Ontario St., Phila.

CYCLAMEN.

Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum, large plants ready for 4-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong 4-in. pots, $10.00 100.
G. A. Ruckham, 880 Van Dyke Ave., Detroit, Mich.

DRACÆNAS.

Dracaena indivisa, strong, 6-in. pots, $3.00 doz.; 5-in. pots, $2.50 doz. D. indivisa latifolia, 5-in. pots, $3.00 doz.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

FERNS.

FERNS OUR SPECIALTY.

We have a fine lot of fern seedlings to offer this season; strong, healthy stock, ready for potting, in the following varieties:

Adiantum cuneatum.	Pteris adiantoides.
Cyrtomium falcatum.	Pteris argyrea.
Lastrea lepida.	Pteris Mayii.
Pteris Ouvrardi.	Pteris serrulata densa.
Pteris albo-lineata.	

Equal number of each at $1.00 per 100, $8.50 per 1000. 500 at 1000 rate. If by mail add 10c per 100 for postage. SAMPLES FREE.

Assorted ferns for jardinieres, good varieties from 2¼-in. pots, $3.00 per 100, $25.00 per 1000. 500 at 1000 rate.

FERN SPORES.

Gathered from our own stock and guaranteed fresh, 35c per trade pkt., 12 pkts. for $4.00.
ANDERSON & CHRISTENSEN.
Telephone Call 29-I. Short Hills, N. J.

Piersoni ferns, lowest prices, satisfaction guaranteed. Fine 1-yr-old plants from bench, 50c each, $5.00 per doz.; strong, well-rooted runners, $4.00 per 100, $35.00 per 1000; well-established 2-in., $5.00 per 100, $45.00 per 1000; 2½-in., $6.00 per 100; 3-in., $8.00 per 100; 4-in., $15.00 per 100; 5-in., $35.00 per 100.
A. C. Canfield, Springfield, Ill.

SEEDLING FERNS IN FLATS. Fine assortments, best varieties, as follows: Aspidium tsussimense, Cyrtomium falcatum. Pteris Mayii, Pteris cretica albo-lineata, Pteris adiantoides, Pteris nana compacta, etc., etc. Each flat will average 400 plants. Price, $2.00 per flat; 12 flats, $21.00. Cash with order.
Ferndale Nurseries, Belleville, N. J.

Fine plants, divide readily in several. Adiantum cuneatum, Aspidium tsussimense, Lastrea opaca, Pteris adiantum, P. Majii, P. serrulata, P. Ouvrardi, P. hastata, P. Wimsetti and others. Send for list. Per 100, $1.50. Fresh spores of all florists' ferns, separate or mixed, pkt., 25c.
H. H. BERGER & CO., 47 Barclay St., N. Y.

SCOTTII, very heavy, 4-in. pot plants, ready for 6-in., $12.00 doz.; $75.00 100. 25 at 100 rate. Strong transplanted runners from bench or 2¼-in., $4.00 doz.; $25.00 100; $200.00 1000. Strong 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.
John Scott, Keap St., Brooklyn, N. Y.

FERNS, 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

Boston ferns, cut from bench, $5.00 100, $40.00 1000. Anna Foster, ferns cut from bench, $5.00 100, $40.00 1000. Larger plants 25c to 50c each. L. H. Foster, Dorchester, Mass.

Nephrolepis exaltata Bostoniensis, nice young plants, $15.00 per 1000. All orders accompanied with cash filled first. Send P. O. order on Little River. Soar Bros., Little River, Fla.

Large JAPANESE FERN BALLS, in splendid condition. Special price to clear—$1.75 per doz., $14.00 per 100; 25 at 100 rate.
Johnson & Stokes, 217-219 Market St., Phila.

Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up.
John Bader, Troy Hill, Allegheny, Pa.

Boston ferns, 6-in., 2 ft. high, 18 to 20 fronds, 40c each. Piersoni ferns, pot-grown, 4 to 6 fronds, $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, from runners, 2 to 4 leaves, $20.00 1000; $2.00 100.
F. C. Becker, 1730 Cambridge St., Cambridge, Mass.

Piersoni ferns, 2½-in., $10.00 100. Bostons, 2½-in., $6.00, 3-in $10.00, 4-in. $15.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, cut from bench, $4.00, $8.00 and $14.00 per 100, fine stock to pot.
Central Greenhouses, Sandusky, Ohio.

Boston ferns. We have a fine lot, 2½-in. to 8-in. Write for special prices
J. F. Wilcox, Council Bluffs, Iowa.

FERNS—Continued.

Boston ferns, 4-inch, strong plants, $1.25 doz.; $10.00 100. Cash.
Wilmington Floral Co., Wilmington, N. C.

Boston ferns, nice young plants out of 2½-in. pots, $2.75 100. Cash.
Converse Greenhouses, Webster, Mass.

Assorted ferns, for jardinieres, 2¼-in., $3.00 100; $25.00 1000.
Frank Eskesen, Madison, N. J.

Bostons, 5-in., per 100, $20.00; 4-in., per 100, $15.00.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 2½-in., at $3.50 per 100.
Cation Greenhouse Co., cor. Fifth Ave. and Elliot St., Peoria, Ill.

A few nice Piersoni in 3-in., $12.50; 4-in., $15.00; 6-in., $75.00; 7-in., $100.00 100.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, ready for 4 and 5-in. pots, $10.00 per 100. H. Bornhoeft, Tipton, Ind.

Boston ferns, all sizes. See display adv. for prices. Davis Bros., Geneva, Ill.

Piersoni and other ferns. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Boston ferns, 6-in., 40c each.
National Plant Co., Dayton, Ohio.

FORGET-ME-NOTS.

Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
Eden Nurseries, Port Alleghany, Pa.

Forget-me-nots, winter-blooming; nice young stuff, $2.00 100.
The Myer Plant Co., Rockville, Ind.

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Gardenia florida, 4-inch, 8 to 12 inches high, 75c doz.; $8.00 100. Cash.
Wilmington Floral Co., Wilmington, N. C.

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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, Mme. Canovers, Jean Viaud, Granville (single), etc., 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Surplus geraniums. S. A. Nutt and other varieties, 3-in., $3.00, 4-in., $5.00, 5-in., $6.00 per 100.
J. C. Ure, 2843 Evanston Ave., Chicago.

Geraniums. Beaute Poitevine, Mrs. E. G. Hill, Nutt, Ricard, Jean Viaud, strong 2½-in., $2.00 100. Buckley Plant Co., Springfield, Ill.

S. A. Nutt geraniums, 3-in., strong, in bud and bloom, $4.00 100. Cash.
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Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli, mixed varieties, at $8.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Our gladiolus bulbs are good. Try them.
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1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Perennial phlox, fine named sorts, 4-in., 10c. Golden Glow, 4-in., 10c.
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For your trees, shrubs, vines and small fruits send to
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Hibiscus, 5 varieties, 2¼-in., $3.00 100.
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We have a magnificent lot of Hydrangea Otaksa, grown especially for July and August flowering. Large plants, in tubs, with from 12 to 15 flowers each, $2.00 per tub. Larger plants in half barrels, $5.00 each.
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White impatiens (Evening Star), strong plants, 2½-in. pots, 50c per doz., $3.00 per 100.
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Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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Lantanas, 10 var., 2¼-in., 40c doz.; $2.00 100, $7.50 1000.
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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
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Rivers' fruit trees, vines, figs, oranges and all orchard-house trees; a large and select stock always on hand; illustrated descriptive catalogue for 6c.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
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Thousands of orchids at moderate prices. Write for special offer.
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Cattleya Trianae, just received; grand lot in fine condition and well-leaved; low price for large quantity. A. Pericat, Collingdale, Pa.

Bull's world renowned orchids, hybrid, established and imported. Catalogue free.
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Latanias, 6-in., extra fine stuff, very heavy, 30c; 7-in., specimen grown, 50c; 8-in., specimen plants, $1.20, worth $2.00.
Kentia Belmoreana, 3-in., $5.00 100; 6-in., 70c; 6-in., extra heavy, ready for 7-in., $1.00. Kentia Forsteriana, 7-in., fine, clean, perfect plants, $1.50, regular price $2.00. Kentia Forsteriana, 7-in., made-up, $13.50 per doz.
Aspidistras, 4-in. pots, 5 to 8 leaves, 25c each.
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LATANIA BORBONICA. Per 100:

2-in. pot, seed leaves	$ 3.00
3-in. pot, 15-18-in., 2-3 chr. lvs	12.00
5-in. pot, 18-20-in., 3-4 chr. lvs	15.00
5-in. pot, 20-24-in., 4 chr. lvs	20.00

Sherman Nursery Co., Charles City, Iowa.

Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 25 to 35 in. high, 75c to $1.00 each. Areca lutescens, made-up plants, 5½-in., 50c. Latania borbonica, 5½-in., strong, 35c. Godfrey Aschmann, 1012 Ontario St., Phila.

Kentia Forsteriana and Belmoreana, from 2½-in. pots, $7.00 100; 3-in., $12.00; 4-in., $25.00; 5-in., $50.00; 6-in., $15.00 per doz.; from 7-in. and upward, at $1.75 to $35.00 each.
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Palms, Dracaena terminalis, and other decorative plants. Grand stock.
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We have a choice lot 4, 5 and 6-in. kentias. Write for special price.
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Kentia palms, cool grown, stocky, 3½-in., $12.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Palms. Kentia Belmoreana from 3-in., strong, $15.00 per 100.
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Palms and other decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

Kentia palms. Large assortment.
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Philadelphia-grown palms. Write.
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Pansies and English daisies in bloom, $2.00 100. Cash. I. Merwin Rayner, Greenport, N. Y.

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Peonies a specialty. The best French collection. Strong plants, all true to name. Catalogue free. A. Dessert, Chenonceaux, France.

PEONIES. All stock true to name. Descriptive catalogue mailed on request.
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Fine collection of peonies including Festiva maxima. For prices write
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Peonies, 400 kinds, some of the finest.
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Plumbagoes, blue and white, 3-in., $3.00 100.
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Poinsettias. Strong stocky plants, 10 inches high from top of pot, 2½ and 3-in. pots, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate. For large lots prices sent on application with sample.
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Poinsettias, July and August delivery. Strong 2½-inch, $6.00 per 100, $50.00 per 1000. Strong 3-inch, $8.00 per 100, $65.00 per 1000. 25 at 100 rate. Terms cash. Satisfaction guaranteed.
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Poinsettias. Strong 2½-in., $5.00 per 100, $40.00 per 1000; 250 at 1000 rate. Cash with order, please.
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Poinsettias, July and August delivery. 2½-inch, $6.00 per 100; 3-inch, $8.00 per 100. Terms cash. Satisfaction guaranteed.
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Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros. Columbus, Ohio.

1000 poinsettias, 2½-in., $4.00 per 100. Cash.
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Poinsettias, 2½-inch, $4.00 per 100.
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Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100.
N. O. Caswell, Delavan, Ill.

Chinese primroses, large flowering, fringed, no better strain, 2-in., $2.00 per 100.
J. Clint McPheron, Carrollton, Ill.

Chinese primroses, from fine seed, 2¼-in., ready for 3-in., $2.00 100.
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Privet, extra strong, bushy, 2½ to 3½ ft., $25.00 1000; 2 to 2½ ft., $20.00 1000. Cash.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
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ROSE PLANTS. Strong stock, 2½-in. pots.

	100	1000		100	1000
Uncle John.	$20.00	$150	Maid	$2.50	$20
Chatenay	3.00	25	Gate	2.50	20
Sunrise	5.00	40	Bride	2.50	20

Strong stock, 3-in. pots.

	100	1000		100	1000
Chatenay	$5.00	$40.00	Bride	$3.50	$30.00
Maid	3.50	30.00	Gate	3.50	30.00

One year old plants from benches—Beauty, Liberty, $5.00 100, $40.00 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. Reinberg, 51 Wabash Ave., Chicago.

Roses, strong plants from 2x3-in. pots. Beauties, $6.00 100; $50.00 1000. Bridesmaids, Mrs. P. Morgan, $3.00 100; $25.00 1000.
S. S. Pennock, 1612 Ludlow St., Phila.

Roses. Strong, healthy plants. 3-in. Brides, Maids, Ivory, Gates, $3.50 100, $30.00 1000; Perles, $5.00 100, $45.00 1000; Beauties, special, $4.00 100, $40.00 1000; Kaiserins, extra fine, $6.00. 2½-in. plants. Brides, Ivory, $2.50 100, $20.00 1000; Beauties, $3.00 100, $25.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

1000 Golden Gates, 3-in.....$2.00 100
1000 Brides, 3-in..... 2.00 100
1000 Maids, 3-in..... 2.00 100
500 Perles, 3-in..... 2.00 100
500 Meteors, 3-in..... 2.00 100
Cash with order.
Chapin Bros., Lincoln, Neb.

Roses, strictly A1 stock. Maids, 2½-in., $20.00. Brides, 3½-in., $40.00 1000. Beauties, 2½-in., $35.00 1000; 3 and 3½-in., $5.00 100; $45.00 1000. Gates, $40.00 1000. Franz Deegen, 3½-in., $4.50 100. Perles, 3½-in., $4.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants. 400 Bride, 400 Maid, 100 Golden Gate, 100 Ivory, 200 Meteor, all from 3-in. pots, $5.00 per 100. A1 stock, raised for our own use, but we have decided not to grow roses next season.
Smith & McDowell, Lansing, Mich.

American Beauties, 3-in., $4.00 per 100. Golden Gates, 2½-in., $1.50 per 100. Brides and Maids, 2¼-in., $1.75 per 100.
Will take Boston ferns, Lorraine begonias or Primula obconica, in exchange.
Rhoten Bros. & Co., Box 5, Danville, Ill.

ROSE PLANTS. To make room and quick sale we offer Perles, Bridesmaids, Brides, Liberties and Ivories, good, large, clean plants, twice shifted, at $20.00 1000.
American Beauty bushes, $35.00 1000.
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Roses. Clean, healthy stock of Bridesmaid and Golden Gate roses, 3½-in., $4.00 100; 4½-in., $6.00 100.
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10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
J. F. WILCOX, Council Bluffs, Iowa.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

H. P. and other roses from 4 and 5-in. pots. Crimson and Yellow Rambler, C. Soupert, Coquette des Blanches, La France, Gen. Jacq., etc. 12c. W. H. Salter, Rochester, N. Y.

ROSE PLANTS, extra fine, propagated for our own use. Bride, Bridesmaid, Golden Gate, Ivory, Meteor, 3-in., $4.00 100; $35.00 1000.
A. Gude & Bro., Washington, D. C.

Roses, fine plants, 3½-in., $6.00 100. 650 Sunset, 150 Sunrise, 450 Perles, 500 Brides, 1000 Chatenay, 500 Hoste, 300 Golden Gates.
P. R. Quinlan & Co., Syracuse, N. Y.

To make room—3000 Brides, 4-in. pots, clean as a whistle, $4.00 per 100, or will sacrifice the lot at $35.00 per 1000.
Robert M. Schultz, Madison, N. J.

Sunlight, a yellow sport from Sunrise that is almost identical with Perle. A few strong plants, 3-in., 10c each.
J. Welsh Young, Germantown, Pa.

1500 Golden Gates, 500 Brides, 400 Maids, 2½-in., $2.00 per 100. First check for $40.00 takes the lot.
East Side Floral Co., Champaign, Ill.

Roses, 2½-in. rose pots, $3.00 100, $25.00 1000. Brides, Maids, G. Gates, Ivory. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Roses. Clean, healthy, young plants in 3-in. Kaiserins, $6.00 100; Sunrise, $8.00 100. Cash
C. E. Meehan, Musgrove & Slocum Sts., Germantown, Pa.

275 Bridesmaids, 3-in. pots, 500 Bridesmaid, 600 Bride, 350 Golden Gate, 550 Ivory, 2¼-in. pots. Good stock. Write for prices quick.
C. L. Reese, Springfield, Ohio.

Grafted roses. Liberty, 3½-in., $18.00 100. Maids, Kaiserins, Ivory, Gates, Brides, 3½-in., $15.00 100. J. L. Dillon, Bloomsburg, Pa.

Brides, Maids, Perles, Golden Gate, from 3-in., strong selected stock, $3.50 per 100.
W. L. Rock Flower Co., Kansas City, Mo.

Roses, 2½-in.—650 Bride, 225 Maid, 225 Golden Gate, and 425 Ivory, $2.00 per 100.
Stuart & Haugh, Anderson, Ind.

Perles, American Beauties, Brides, Maids, G. Gates, Ivory, La France, Carnot. Write
Geo. A. Kuhl, Pekin, Ill.

Bride and Bridesmaid roses, fine forcing stock, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

La France roses, extra fine from grafted stock, $5.00 100. No mildew.
Critchell's, Avondale, Cincinnati, O.

Surplus Bride and Bridesmaid, from 3-in. pots, to close out, $2.50 100.
Alexander Mead & Son, Greenwich, Conn.

2000 Bridesmaid, 5c; 200 Meteor, 5c; 500 American Beauty, 20c each. All plants in 4-in. pots, clean and strong.
Elwood Brant, Madison, N. J.

Extra strong 4-in. Bride, Bridesmaid, Golden Gate and Wootton at $6.00 100. Send now for samples. Cash.
Warrendale Floral Co., St. Paul, Minn.

Bridesmaids, fine plants, 1000 2½-inch, $20; 1000 3-inch, $22.00. Cash.
Gollan & Wolf, Downers Grove, Ill.

Rose plants, American Beauty and Chatenay. 3½-in. pots, $5.00 100.
Worcester Conservatories, Worcester, Mass.

70 extra strong grafted Ivories in 4-in. pots for $7.00. Cash.
A. J. Pennock, Lansdowne, Pa.

Perle and Golden Gate roses, strong, 4-in., $8.00 100.
Isaac H. Moss, Govanstown, Balto., Md.

300 Bridesmaid roses, 2½-in., entire lot for $15.00.
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The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

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Manetti stocks. Florists desiring to have good Manetti stocks had better order now at $10.00 per 1000.
The Elizabeth Nursery Co., Elizabeth, N. J.

Manetti stock for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Several thousand RUBBERS ready for immediate delivery at $150.00 per 1000; $15.00 per 100. Less than 100 17c.
Variegated rubbers, $5.00 per doz.
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Ficus elastica, imported and home-grown, 4-in., 25c; 5, 5½ and 6-in., 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c, 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

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Surplus salvias, 4-in., $5.00, 5-in., $6.00 per 100. J. C. Ure, 2843 Evanston Ave., Chicago.

500 Salvia splendens, 2¼-in., $2.00 per 100. Cash. E. C. Boss, Honesdale, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

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Berger's Never Fail superb giant pansies in mixture of all colors; sorts, prize strains. Try them. 1000 seeds, 25c; 5000, $1.00. All sorts and colors separate, 1000 seeds, 25c; 5000, $1.00. Primula Chinese—white, rose, crimson, scarlet, blue, 100 seeds, 25c; 1000, $1.75; mixed, 100 seeds, 20c; 1000, $1.50. Primula obconica—white, rose or mixed, pkt., 25c. Calceolaria grandiflora max. or dwarf, pkt., 25c; 5 pkts., $1.00. Calceolaria rugosa, shrubby, pkt., 25c. Cineraria max. or dwarf, giant flowers, pkt., 25c. Cineraria stellata, grand sort, pkt., 25c. Cyclamen, giant flowers—white, rose, blood red, 100 seeds, 65c; 1000, $5.50. Dracaena indivisa, oz., 25c. Dracaena australis, oz., 40c. Smilax, oz., 25c.
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BODDINGTON'S CHALLENGE pansy seed is a mixture of the choicest strains of 5 leading American and European specialists. New crop ready in July. Price, $1.00 trade pkt., $2.00 ¼ oz., $5.00 oz.
BODDINGTON'S MAJESTY mignonette seed is the finest of all fancy varieties of mignonette. Seed saved only from selected spikes under glass. Trade pkt. of 2000 seeds, $1.00.
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Florists' flower seeds for present planting. MIGNONETTE—Defiance, pkt., 2000 seeds, $1.00; ½ pkt., 50c. STOCK—S. & W. Co.'s Improved Giant Perfection, pkt., 25c; ¼ oz., $1.50; oz., $5.00; Beauty of Nice, pkt., 25c; 5 pkts., $1.00. PANSY—Ne Plus Ultra, pkt., 25c; ¼ oz., $1.50; oz., $5.00. For other seeds send for our catalogue.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Cineraria grandiflora seed.
Tall, finest mixed, per pkt.....50c
Semi-dwarf, finest mixed, per pkt.....50c
Stellata, finest mixed, per pkt.....25c
Pansy seed, superb mixed, ⅛ oz., 75c; per oz., $5.00. Choice mixed, per oz., $2.00.
W. C. Beckert, Allegheny, Pa.

Pansy seed. Brown's extra select superb giant prize pansy seed, my own growing, mixed, 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00; ¼ lb., $14.00; ½ lb., $25.00; 1 lb., $50.00. Cash. Plants ready Sept. 1.
Peter Brown, Lancaster, Pa.

Pansy seed, Ne Plus Ultra, $4.00 oz. A. plumosus nanus seed, $4.50 1000. Cash.
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Pansy seed, the finest strain in cultivation, far superior to any other English, French or German selections, per oz., $4.00; per pkt., $1.00. Postage paid. Dollar notes accepted in payment.
The Surrey Seed Co., Ltd., Redhill, England.

MICHELL'S mignonette seed is the original Allen's Defiance. We offer this grand seed in original packets, direct from the grower—half pkts., 50c, full size, $1.00 each.
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Pansy seed, new crop. Barnard's florists' mixture, trade pkt., 25c; ⅛ oz., $1.00; ½ oz., $3.50; oz., $7.00. Giant mixture, trade pkt., 20c; ⅛ oz., 50c; ½ oz., $2.00; oz., $4.00.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Perret's finest strain of pansies; flowers of extraordinary size with a variety of colors. This year's seed, oz., $4.00; ½ oz., $2.50; pkt., $1.00; ½ pkt., 50c.
N. Le Page, Mt. Vernon, N. Y.

Vaccinium atrococcum, V. corymbosum, V. pennsylvanicum and V. vaccillans seed, $1.00 per lb. Betula lenta, B. lutea, and B. papyracea seed, $1.00 per lb.
L. E. Williams, Nottingham, N. H.

Zirngiebel's FANCY and MARKET strains of giant pansies are the finest in the market. New crop seed, in trade packets at $1.00 each for either strain, ready now.
Denys Zirngiebel, Needham, Mass.

New crop Giant pansy seed, mixed, ¼ oz., $1.00; oz., $4.00. New crop Shasta Daisy seed, trade pkt., 25c; oz., $5.00; lb., $50.00. Cash.
California Carnation Co., Loomis, Cal.

Choice pansy seed, special mixture from named varieties or colors separate if desired. Trade pkt., 25c; ¼ oz., 75c; oz., $2.50.
Murray's Seed Store, Peoria, Ill.

Asparagus plumosus nanus seed, $3.50 per 1000; larger quantities less. True to name and of highest germinating quality.
Drake Point Greenhouses, Yalaha, Florida.

Our wholesale trade price list of high-class seeds is now ready. If you have not received a copy, kindly advise us.
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Burbank's Shasta daisy seed, new crop, 20c per 100; $1.25 per 1000; $9.00 per oz.; ¼ oz. at ounce rate. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.50 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Beaulieu's HARDY WHITE ONION, pansy, daisy, forget-me-not, etc. Send for testimonials and prices. Beaulieu, Woodhaven, N. Y.

Pansy seed grown by a Danish specialist from choice exposition strain (none better), $5.00 per ounce. Chris. Hansen, St. Paul, Minn.

Allen's Defiance mignonette seed, from selected inside grown spikes, $1.00 per trade pkt.
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Johnson & Stokes, 217-219 Market St., Phila.

Wholesale price list of seeds for florists and market gardeners.
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Rawson's Arlington tested seeds for florists. Catalogue free.
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Cyclamen seeds, our well-known strain, $7.00 per 1000.
Lehnig & Winnefeld, Hackensack, N. J.

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D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SMILAX.

Smilax, 1200 strong, healthy, bushy, 2½-in. pot plants, ready to bench, 3 to 4 in a pot, 3 times cut back, $2.50 per 100, $25.00 for the lot. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Smilax. Good 6-ft. strings of bright, clean smilax, 10c each, $1.00 doz. Cash. We ship promptly 2 strings by mail, 25c. Try us.
R. Kilbourn, Clinton, N. Y.

Smilax, strong 2½-in., $2.00 per 100, or will exchange for Asparagus plumosus and Chinese primroses. Andrew Winget, Mansfield, Ohio.

Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100, $9.00 per 1000; 3-in. pots, very strong, $2.00 per 100. R. Kilbourn, Clinton, N. Y.

Smilax, 800 clean plants, 2 and 2½-in., to close out, $1.50 per 100, a bargain; sample 5c.
John Beimford, Wilton Junction, Iowa.

Smilax, 5000 fine strings of smilax, $8.00 and $10.00 per 100. Must make room for young stock. Harry T. Miller, Salem, Ohio.

Smilax, 2¼-in., extra strong and thrifty, $1.50 100. Order quick. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

SMILAX—Continued.

Smilax, strong, healthy plants, out of 2½-in. pots, $1.00 100; $10.00 1000.
M. Baumann, Park Ridge, N. J.

1400 strong, 2-in. smilax, to close out $1.25 per 100, $10.00 per 1000.
Van Aken Bros., Coldwater, Mich.

Smilax, clean, strong stock, $1.25 100; $10.00 1000. Order at once.
John C. Hatcher, Amsterdam, N. Y.

Smilax, good strong plants, 2¼-in. pots, $1.50 per 100; 200 for $2.75.
J. Y. Lambert, Savannah, Ill.

Smilax, 2¼-in., strong and healthy, $1.75 per 100; $15.00 per 1000.
H. M. Totman, Randolph, Vt.

Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Smilax, 2-in. pots, fine stock, $1.50 per 100.
Harmon & Henderson, Iola, Kans.

1000 smilax plants, from 2-in. pots, $1.00 per 100. Daniel Branch, 3949 Indiana Ave., Chicago.

Smilax, fine plants out of 2½-in., $1.25 100; $10.00 1000. J. C. Schmidt Co., Bristol, Pa.

Smilax, extra strong 3-in., $2.50 per 100. Cash, please. C. F. Krzysske, Sandusky, Ohio.

Smilax, 1¼-in., fine stuff, $1.50 100, $12.00 1000. Good & Reese Co., Springfield, Ohio.

Smilax, from 2¼-in. pots, $1.25 100, $10.00 1000. Cash. Buckley Plant Co., Springfield, Ill.

Fine smilax, from 2-in. pots, $1.50 per 100.
Wheeler Floral Co., Mason City, Iowa.

Smilax, 2-in., $2.00 100; $17.50 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax from 3 and 4-in. pots, strong.
Alameda Greenhouse, Roswell, N. Mex.

Smilax, 2-in., $20.00 per 1000.
Leo Niessen, 1217 Arch St., Phila.

STEVIAS.

Stevias, 2½-in., $2.00 100; rooted cuttings, $1.50 100, $12.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevia, fine stocky plants, 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

BUSINESS BRINGERS—
Review
Classified Advs.

VEGETABLE PLANTS

CABBAGE—Early and Late Flat Dutch, Succession, L. I. Second Early, Drumhead, Danish Ballhead, Rock Red, Drumhead Savoy, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Golden Self Blanching, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
KOHL RABI and BRUSSELS SPROUTS, 25c per 100, $1.50 per 1000.
We have a million each of cabbage and celery.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Transplanted celery plants, all large, stocky, twice transplanted plants. Far superior to those usually sold. Now ready.

Giant Pascal	Rose-Ribbed Self-Blanching
White Plume	Crawford's Half Dwarf
Fin de Siecle	Pink Plume
Golden Self-Blanching	Rose, new
Schumacher	Celeriac
Golden Heart Giant	
Perfection Heartwell	

$2.50 per 1000; in lots of 5000 and over, $2.00 1000. Cash.
W. B. Du Rie, Rahway, N. J.

Celery Plants—Golden Heart, Giant Pascal, Boston Market, White Plume, Golden Self-Blanching, $1.50 per 1000.
Cabbage Plants—Flat Dutch, All Head, Red Cabbage, Winningstadt, Stone, $1.00 per 1000.
Late cauliflower, 50c per 100. Cash with order. J. P. Cannata, Mt. Freedom, N. J.

3,000,000 celery plants, strong transplanted. White Plume, Giant Pascal, Winter Queen, Golden Self-Blanching and Hartwell Perfection, 30c per 100, $2.00 per 1000; field-grown, not transplanted, $1.00 per 1000. Cash with order.
Ludwig Mosbaek, Onarga, Ill.

Celery—White Plume, Golden Self-blanching, Giant Pascal and Golden Heart, large plants, $1.25 1000; $10.00 10,000.
Cabbage—Plants of all kinds, $1.00 1000; 5000 for $4.00.
J. C. Schmidt Co., Bristol, Pa.

10,000 Ponderosa and Dwarf Champion tomato plants, transplanted, from 8 to 12 inches, $2.00 per 1000. E. C. Boss, Honesdale, Pa.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VIOLETS.

Marie Louise violets, February and March struck, strong, healthy plants, free from disease. A No. 1 plants. Can fill large orders as well as small ones. $15.00 1000. Cash with order. Your money cheerfully refunded if not satisfactory.
C. Lawritzen, Rhinebeck, N. Y.

Violets. 2000 Imperial, 2½-in., $3.00 per 100; $25.00 per 1000. About 600 Marie Louise, $2.50 per 100, entire lot for $12.00. 1500 single violets, field-grown, $3.00 per 100.
W .F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Violets from 2-in. pots. Marie Louise, Lady Campbell, Princess of Wales, $20.00 1000. Imperial, $25.00 1000. Princess of Wales from 2½-in. pots, $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Violets. 500 Lady Campbell, strong, healthy plants in pots, $3.00 per 100 or $12.50 for the lot. Cash with order, please.
L. C. Holton, 321 School St., Bennington, Vt.

Violets from 3-in. pots—450 Princess of Wales and 450 Lady Campbell, strictly select, $4.00 per 100.
Stuart & Haugh, Anderson, Ind.

Violets, extra strong, 2-in. Improved Dorsett, $2.00 100. Extra fine. Cash with order.
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25,000 violets, field and pot plants, 6 varieties. Write Benj. Connell, West Grove, Pa.

Marie Louise violets, 7000 strong plants, $10.00 1000. F. R. Snyder, Rhinebeck, N. Y.

3000 A1, healthy, M. Louise violets at $12.00 per 1000. C. D. Lasher, No. Germantown, N. Y.

TO EXCHANGE.

To Exchange—American Beauties, 3-in., $4.00 100; Golden Gates, 2½-in., $1.50 100; Brides and Maids, 2¼-in., $1.75 100, for Boston ferns, Lorraine begonias, and Primula obconicas.
Rhoten Bros. Co., Box 5, Danville, Ill.

To Exchange—1000 Brides, 1000 Maids and 175 Golden Gates, 1-year-old, in good condition, for carnation plants.
Park Side Greenhouses, 70th and Adams Ave., Chicago.

To Exchange—Mme. Bergmann, Glory of Pacific and Geo. S. Kalb chrysanthemums for Boston ferns or anything we can use. What have you?
Morton's Evergreen Lodge, Clarksville, Tenn.

To Exchange—Smilax, 2½-in., at $2.00 100 for A. plumosus and Chinese primroses.
Andrew Winget, Mansfield, Ohio.

WANTED.

Wanted—Grevillea robusta, Farfugium grande, oleanders in variety, and Begonia rubra. Address The Templin Co., Calla, O.

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Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue.
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Asbestos sectional steam and hot-water pipe coverings. Send for catalogues and estimates. You can save money in fuel.
H. F. Watson Co., Erie, Pa.

We make a full line of asbestos pipe and boiler coverings. Refer to Kroeschell Bros. Co., Chicago. Write for prices.
Sall Mountain Asbestos Co., Chicago.

Pipe and boiler coverings of all kinds.
McConnell Asbestos & Covering Co., Pittsburg.

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Baskets, Puerto Rico Mats, etc.
Franz Birnstiel, Coburg, Germany.

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Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

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Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

Fancy and dagger ferns, smilax, etc.
H. L. Menand, 34 William St., Albany, N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

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Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

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The best fertilizer for top dressing is SHEEP MANURE. I have large quantities on hand and shall be pleased to quote prices.
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BARGAIN SALE.
We need the space. A special discount of 10 per cent on metal designs, wax roses, cycas leaves, ruscus and cycas wreaths.
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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES, bronze or green.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

Greenhouse glass exclusively.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

Peerless glazing points are the best.
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HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.

100 feet, 7 ply	$14.00
200 feet, 7 ply	26.50
300 feet, 7 ply	39.00

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Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Gishurst Compound is known by all old-school gardeners; its soluble sulphur, etc., has for 40 years cured blights and fungus on plants; harmless in its use. Wholesale from
Price's Patent Candle Co., London, England.

FOSTITE, 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00. C. H. Joosten, 201 West St., N. Y.

A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
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Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

LEAF-MOLD.

Leaf-mold, screened, ready for use, put up in 25, 50 and 100 lbs. bags. Prices respectively 50c, 75c and $1.00 per bag; $17.50 per ton. F. o. b. Washingtonville. Every florist knows its value, especially for ferns. Address
W. C. MERRITT, Washingtonville, N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

RED POTS. We are now ready for business and can ship a train load if you want them. All orders filled promptly. Our prices are right. So are our pots. Send for sample and prices. Colesburg Pottery Co., Colesburg, Iowa.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
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Those RED pots. The right kind.
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SPHAGNUM MOSS.

Buy your moss now while we are curing it. 1 bale or 100 at 60c each.
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Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1000. $75.00 10,000. Also stemming wire, rose stakes, etc.
H. F. Littlefield, Worcester, Mass.

DOUBLE ARCH CARNATION SUPPORT is the most practical.
WIRE STAKES for roses and chrysanthemums, straightened and cut any length. Prices on application.
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Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

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We are the largest manufacturers of wire work in the west. E. F. Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

THE READERS' CORNER.

Primula Poisoning.

The writer having lately been severely poisoned, and not having come in contact with any poison ivy, Rhus toxicodendron, ascribes the cause to Primula obconica. The symptoms of the poisoning were those characteristic of Rhus toxicodendron, viz., forming of vesicles or small blisters which, after scratching, because so awfully itchy, will run together, forming larger sores, at the same time increasing in number and attacking other parts of the body, causing bad swellings and, putting it mildly, giving much discomfort.

Now I wish to know what the experience is, of other florists, in regard to the poisonous effects of Primula obconica. Almost after every handling of these plants I notice an itching on my hands, but not being severe, do not pay much attention to it. But this last time, my face getting the worst of it, causes me to ask the opinion of the florists, not about my face, to be sure, but of the advisability of running the chances with our customers in selling them such poisonous plants, for surely one could bring a good damage suit against the florist who did so. A. M.

Various Notes.

Regarding the new pest of the chrysanthemum described on page 380 of the issue for July 21, it seems to be the same pest that infests my asters. No use to say any more.

If Herman Schlachter wants to be rid of the spite fence described by him July 21, let the parties put their switch through and the fence will be removed, I can assure him.

To-day, July 22, it was 69 degrees at St. Louis at 7 a. m., and 76 degrees at noon. Not such a hot town, is it?
CHAS. JUENGEL.

GALESBURG, ILL.—Gesler & Drury have finished benching 14,000 carnation plants.

NEW BEDFORD, MASS.—Joseph V. Pierce has gone to Elmira, N. Y., to take charge of a section for the United States Cut Flower Co. He is a well-liked young man and a good grower.

HEATING ADDITION.

We have three greenhouses, each sixty feet long, one twelve feet wide, one sixteen feet and one twenty feet. We are heating with a No. 16 Hitchings boiler. We are now extending all the houses to eighty feet. Would it be safe to heat them with the same boiler? During the past winter when the temperature outside was 20 degrees below zero we held the temperature at 60 degrees in one house and 52 degrees in others. D. & C.

To maintain a temperature of 60 degrees in your completed house, i. e., those eighty feet long, it will require a boiler with a capacity to carry about 1,400 feet of radiation, or a boiler with at least 150 feet of heating surface. I do not have the rating of the Hitchings No. 16 at hand, but the makers will furnish this information on application.
L. C. C.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

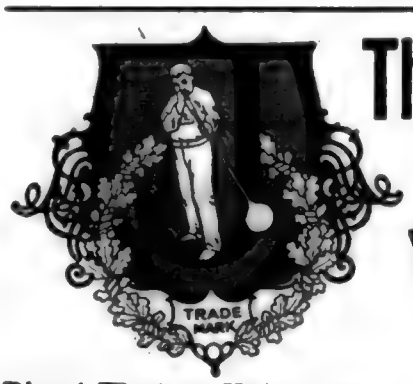
AN English gardener has raised a cross between the Shasta daisy and Chrysanthemum maximum which seems to promise usefulness. He has named it the Shasta marguerite daisy.

AT AN auction sale of seed potatoes in London last January a single tuber of the New Eldorado potato brought $245.

STENZEL GLASS CO.,
101 Portland St., BOSTON.
GREENHOUSE GLASS
EXCLUSIVELY.
Do not buy ordinary window glass when you can get glass made especially for greenhouses at the same price and terms. Delivery anywhere in the United States at any time. Write us your needs.
Mention The Review when you write.


SIEBERT'S ZINC
Never Rust
Glazing Points
ARE POSITIVELY THE BEST. LAST FOREVER. Over 9000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ¾, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.
CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

SPRAGUE, SMITH CO.
JOBBERS AND MANUFACTURERS OF WINDOW GLASS.
GREENHOUSE GLASS a Specialty.
205 RANDOLPH STREET, CHICAGO, ILL.



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HARTFORD CITY, IND.
MANUFACTURERS OF
Window Glass
Ground and Chipped Glass.
Direct Western Union Wires.
Long Distance Telephone.

RICHMOND, IND.

The too frequent rains, continually cloudy and uncertain weather in this locality has somewhat retarded the growth of the carnations and other plants which were set out in the field. A week of good, sunny weather, such as we get every once in a while, to remind us that it is summer, would set the plants to rights again.

At the E. G. Hill Company's plant work is progressing rapidly. All of the roses for fall and winter blooms are now benched and are in fine condition. Besides the two houses 400 feet long which are devoted to roses, another house 200 feet long has been filled with roses for winter blooms.

Five benches 200 feet long are filled with Mr. Hill's very promising and favorite seedling, Etna. It is a remarkable grower and is constantly making those much wanted breaks at the bottom which give the fine, firm stem so prettily setting off the blooms. It looks as if it will prove all that Mr. Hill desires it to be.

Four benches 200 feet long are filled with the English rose which captured the prize of $50 at the Indianapolis show last fall. This is also an excellent grower and is doing well.

Two large frames have recently been built for potted mums. A new propagating house will soon be put up. It will be used for propagating rose cuttings only.

Ed. Ruch is building two houses 100 feet long which he will plant to carnations. His place is situated on the National road just opposite the Hill range.

S.

BERLIN, CONN.—W. H. Shumway is putting up an addition to his glass in the shape of a building for office and work room.

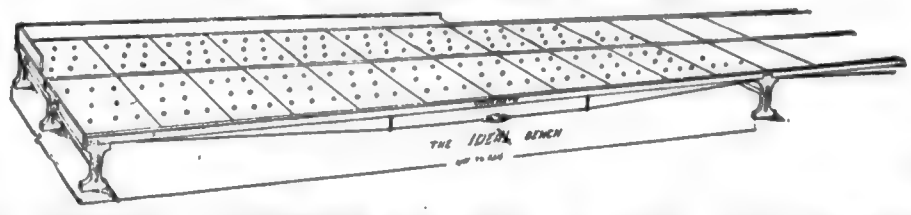
WEST CHESTER, PA.—Among recent visitors here were two former residents, Robt. Kift, of Philadelphia, and Harry Jones, of Cleveland.

DEANSBORO, N. Y.—Miss Adelaide Foote started in the florists' business here a short time ago and is meeting with very good success. She is at present installing a new forty horse-power boiler in her greenhouses.

THE BENCH OF THE FUTURE

Practical, everlasting, cannot rot out.

Patents pending.



8c per square foot complete.

Send for estimates.

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Our Catalogue will give you many hints, and may save you money.

DILLON GREENHOUSE MFG. COMPANY,

BLOOMSBURG, PA.

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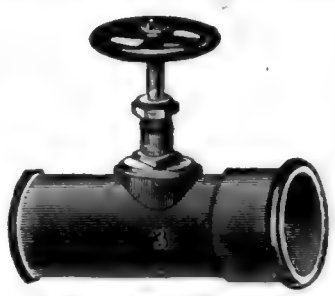
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Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.

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Fittings and Ventilating Apparatus

Send for Catalogue.

COLDWELL-WILCOX COMPANY,

NEWBURGH, N. Y.

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Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

I. N. Kramer & Son

CEDAR RAPIDS, IA.

For sale by the E. F. WINTERSON CO., CHICAGO; C. C. POLLWORTH CO., MILWAUKEE, WIS.; VAUGHAN'S SEED STORE, NEW YORK and CHICAGO.

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Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000... $6.25. Sample free

For sale by dealers.

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CUT FLOWER BOXES.

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always.

Size No. 0	3x4 x20..	$2.00	per 100;	$19.00	per 1000
" No. 1	3x4½x16..	1.90	"	17.50	"
" No. 2	3x6x18....	2.00	"	19.00	"
" No. 3	4x8x18....	2.50	"	23.00	"
" No 4	3x5x24....	2.75	"	26.00	"
" No. 5	4x8x22....	3.00	"	28.50	"
" No. 6	4x8x28....	3.75	"	36.00	"
" No. 7	6x16x20...	5.50	"	54.00	"
" No. 8	3x7x21....	3.00	"	28.50	"
" No. 9	5x10x35...	6.50	"	62.00	"
" No. 10	7x20x20...	7.50	"	67.00	"
" No. 11	3½x5x30..	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.

Box 104.

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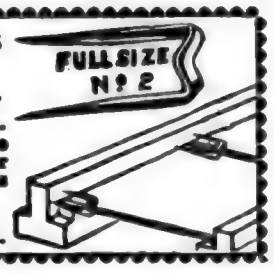
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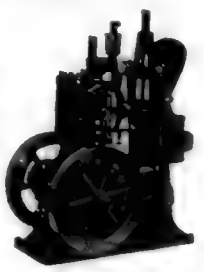
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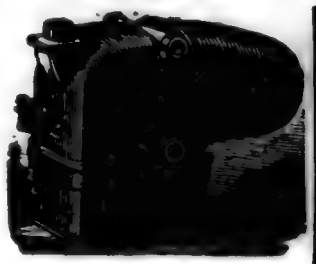
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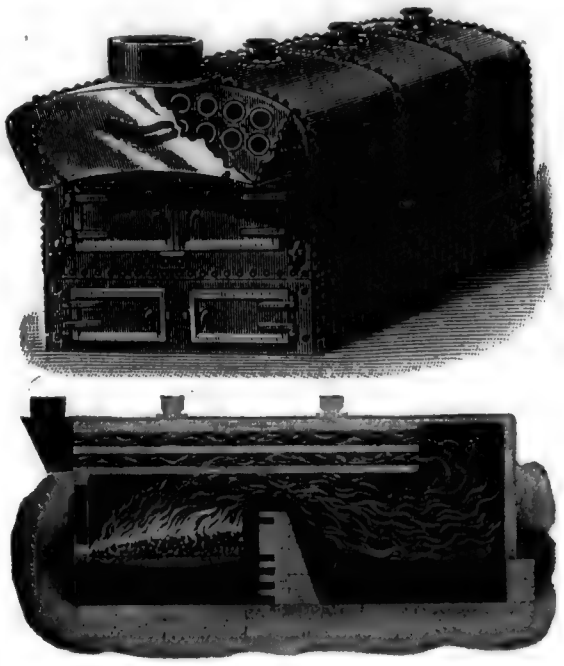
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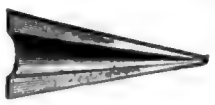
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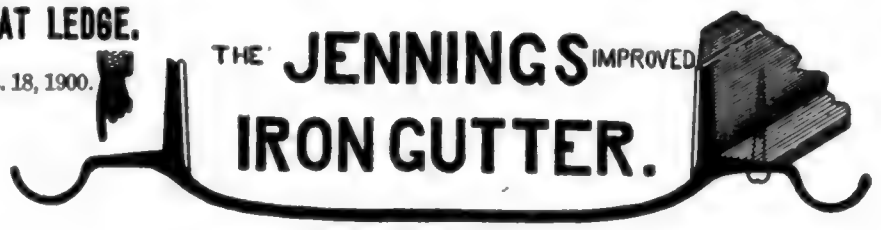
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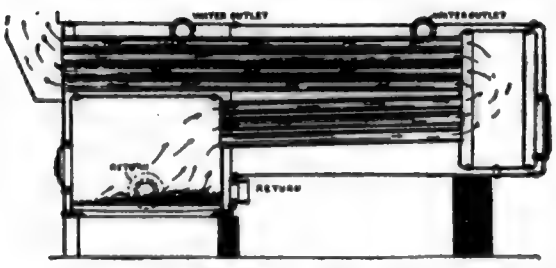
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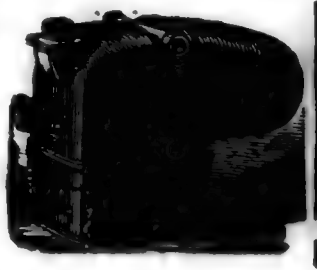
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Lady Bountiful	12.00	100.00
Her Majesty	5.00	.....
Lillian Pond	5.00	40.00
Wolcott	5.00	.....
Lorna	5.00	.....
Flora Hill	5.00	40.00

	Per 100	Per 1000
Crimson:		
Harlowarden	$6.00	$50.00
Harry Fenn	6.00	.....
Roosevelt	5.00	.....
Fancies:		
Prosperity	5.00	.....
Marshall Field	6.00	50.00
Dorothy Whitney	7.00	60.00
Tiger	6.00	.....

Scarlet:	Per 100	Per 1000
Crusader	$10.00	$80.00
Estelle	6.00	50.00
Manley	6.00	.....
Apollo	6.00	.....
Adonis	6.00	....
Pink:		
Mrs. Thos. W. Lawson	6.00	50.00
Enchantress	8.00	75.00
Fair Maid	6.00	.....
Nelson	6.00	50.00
Cressbrook	5.00	.....

We are also booking orders for next season's winners, "**Fiancee**" and "**Cardinal,**" each $12.00 per 100; $100.00 per 1000.

Chicago Carnation Co., JAMES HARTSHORNE, Manager. **Joliet, Ill.**

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Found many Florists completely sold out of Geraniums this year; for the benefit of such, we offer **500 Geraniums in elegant young stock in 20 best sorts for $10.00.**

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10 per cent Bonus

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PANSY SEED. New Crop. Barnard's Florists' Mixture, trade pkt., 25c; ⅛ oz., $1.00; ¼ oz., $3.50; oz., $7.00. Giant Mixture, trade pkt., 20c; ⅛ oz., 50c; ¼ oz., $2.00; oz., $4.00.

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Our Stock is just **FULL OF NEW THINGS** that each and every up-to-date florist must have to be progressive and successful. CALL, WRITE, WIRE or PHONE

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RIBBON SPECIALISTS. Importers and Manufacturers. **LEADING FLORISTS' SUPPLY HOUSE.**

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Per 100 lbs..... 7.50

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6x7—300 in case, 100, 4.75; 1000, 45.00

The 6x7 bulbs are **Extra Value.**

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9x11—100 in case, 100, 16.00; 1000, 150.00

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Healthy, grown on virgin soil.

CALLA ETHIOPICA—We have handled this root for **twenty years** to our customers' **satisfaction.**

	100	1000
3 to 5-inch around	$4.00	$35.00
4 to 6 "	5.50	50.00
5 to 7 "	7.00	65.00
6 to 7 "	8.00	75.00
7-inch around to mammoth	10.00	....

FREESIAS refracta alba (white); 100 1000
⅜—½-inch.....$ .45 $3.50
½—¾-inch ..... .75 6.00
¾-inch up..... 1.00 8.00
Oxalis Bermuda Buttercup, 1st size... .85 7.00
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Rose ..... .85 8.00
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PAPER WHITE, TRUE GRANDIFLORA:

			100	1000
1st size			$1.00	$9.00
Roman Hyacinths, white,		11x11	2.25	20.00
"	"	11x15	2.75	25.00
"	"	12x15	2.85	27.00
"	"	13x15	3.25	30.50

All Bulbs 25 at 100 rate, 200 at 1000 rate.

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Try our BERGER'S NEVER FAIL, put up by ourselves. Guaranteed to contain every sort, color and variety of Prize strains. 1000 seeds, 25c; 5000 seeds, $1.00; oz., $4.00

PANSY SEED—Giant flowered, in white, yellow, black, azure blue, violet, striped, bronze, red, purple, separate or **any named sort,** 1000 seeds, 25c; 5000 seeds, $1.00.

PANSY—Trimardeau, Bugnot, Odier, Cassier Giants, pkt., 25c; ½ oz., $2.50.

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Cineraria **Stellata Novelty,** finest Cineraria grown, 100 seeds, 10c; 500 seeds, 40c.

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PRIMULA **Sinensis,** rose, white, blue, blood red, crimson, 100 seeds, 25c; 1000 seeds $1.75.
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CYCLAMEN Persicum giganteum, in white, rose, blood red, 100 seeds, 65c; 1000 seeds, $6.00.

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FERN SPORES, ALL LEADING SORTS. separate or mixed .....pkt., 25c

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STELLATA .....Finest Mixed, per pkt., 25c.

Pansy, Superb Mixed.

⅛ oz., 75c; per oz., $5.00.
Choice Mixed, per oz., $2.00.

W. C. Beckert, Allegheny, Pa.

New Roses!

H. T. AND FORCING ROSES.

Oberhofgartner Singer, 50c; $40.00 per 100.
Dr. Troendlin, (White Testout) 50c.
Konigin Carola, large pink, 50c.
Ruhm der Gartenwelt, dark red, $1.00.
Etoile de France, bright dark red, $1.25.

And all BEST European Novelties.

PETER LAMBERT, TRIER, GERMANY.

WRITE FOR CATALOGUE.
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BEGINNINGS IN DESIGN...

A SWEET PEA DESIGN.

A Flat Cluster From Nature.

Frequent application may be made of the principle laid down in the first of this series as to where to obtain designs for flat clusters. Remembering from what source we traced the design of the rose bunch from the general character of the stem, leaf and flower arrangement of a single rose, we will consider today a similar application of the same law. Take a single spray of sweet peas. Follow the simple outline and get a general idea of the form which the flowers take. See it with your eyes shut, then fashion in your mind a cluster of sweet peas which takes the same general form as this outlined flower presents. Will it not look something like the cluster illustrated?

Forming the Cluster.

Now as to the most convenient way to arrange such a bunch as the above. Suppose we are to use from 200 to 500 peas in the cluster, the upper spurs of the cluster can be lengthened to several times the original measurement and the lower branch in proportion. Plan to make the spray in several pieces and then finish by fastening them together. Select a number of branches of the pea vine from twelve to about thirty inches long. Fasten two or three together lengthwise by wrapping with No. 36 wire. If this foundation should not appear strong enough to hold the cluster, stiffen it by slipping in a heavy rose stem, but do not allow the rose stem to interfere with the natural bend of the pea vine. Prepare another strong stem of the same kind for the left side of the bunch. For the right upper lobe of the cluster select a stem with tendrils, foliage and buds which curve toward the left as in the illustration, and for the opposite branch, a stem which bends to the right.

If the bunch is to be made of assorted colors, begin at the top of the branches with the most delicate tints and as you fasten the flowers down the stem, blend the colors from tint at the top to shade at the base. With a bunch of fine wire in hand begin to slip in at rare intervals among the tendrils and small foliage of the upper part of the vine, a few of the pea blossoms. Wrap the flower stems securely with one or two rounds of the wire, in among the foliage where the wire cannot be seen, and proceed downward, making the cluster heavier and the flowers closer until the first vine is covered with flowers.

Follow Nature.

Of course it is in place here to say, be natural. But just how to be natural in this work must be attained by slow stages and close observation. As you have opportunity study the arrangement of the foliage and flowers on the vine as it grows. Apply such knowledge as you gain from time to time at the first opportunity, and it will become second nature to you to make clusters after these hitherto unapproached patterns.

Complete the opposite branch of the cluster in the same way.

Joining the Parts.

About half way down the length of each branch draw the clusters close enough together to fasten them without crossing; that is, wire them side by side to each other at their center points, and allow the lower ends of the clusters to spread outwards from each other. Add plenty of foliage, especially at the center and around the wire ties. If the bunch should be so large as to be unwieldy, add strong rose stems underneath. If other than the natural green is necessary, smilax or Asparagus Sprengeri will be found a pretty addition. Ribbon may be added or not, according to taste; but if used, it should be narrow, with an abundance of short loops and ends.

As to Colors.

To such an extent does a single color tone run through many of the varieties of sweet peas that one may almost paint a rainbow with their soft hues. This one color tone is the trace of purple found either nearly pure or in composition. The one striking member of this symphony would be the brilliant yellowish salmon which is too trying to combine with the purples, crimson pinks and delicate violets. Use this pink with the greenish cream which is found in many of the so-called white varieties of sweet peas.

Gertrude Blair.



The Natural Form for the Sweet Pea Bunch.

SWEET PEAS.

Please give full instructions in regard to growing sweet peas under glass: soil, temperature for winter blooming, when to plant, whether in ground or on benches?

H. L. H.

Written instructions, unless backed up by the grower's own good judgment, are worthless. This sweet pea growing is like several other of the florists' crops, not yet a fixed or absolute method and, therefore, although observant, the writer would hardly like his advice to be considered infallible.

Sweet peas outdoors in summer should have the greatest depth and richness of soil that it is practicable to give them, because you want them to be enduring. In the greenhouse this is not the object. Earliness in flowering is the great point in view. Whether in a low bed or a raised bench, six inches of soil is all that should be given them.

On Sunday, July 31, we thought a good way to celebrate the sixtieth anniversary of our first squeak in this world would be to visit the mammoth place of the Lake View Rose Gardens, Jamestown, N. Y., of which I am going to have something to say later. A house 20x200 was empty. "What's going in here, Mr. Roney?" "Sweet peas." And he plants them in rows three feet apart and sows the seed the end of this month and says he can flower them in seven weeks. That style of sweet pea growing I am not at all conversant with. Here is what I have seen most successful:

Sow a few seeds in 4-inch pots. After

they are up thin out to three plants. If you are doing nothing with the bench you can sow the seeds on the bench, but usually the sweet peas succeed mums on the bench. Let the rows be at least eighteen inches apart across the bench and, if sown, the plants should not be nearer than three inches. If put into the bench from pots, then a clump of three plants one foot apart will be right. The original growth should be encouraged to grow up and should be trained up a string, just as you would smilax. All lateral or bottom growth should be kept pinched off, or it will entirely overwhelm the first growth, which would, if encouraged, give you the early blooms. Fifty degrees at night is the temperature. A little below that will not hurt and the greatest amount of light you can give them. W. S.

MISCELLANEOUS SEASONABLE HINTS.

Transplanting Evergreens.

C. W. Ward was quoted very recently as saying that evergreens could be transplanted from the middle of August to the end of September and even in October, but he much preferred transplanting in the spring. Undoubtedly the month of May in our northern states is the best of all times, yet any time in August evergreens can be moved with perfect safety. We will, under favorable conditions, include the two first weeks of September, but don't go beyond that. To transplant a Colorado blue spruce or Austrian pine in October would be sure death unless you could lift it with a perfect ball of earth and without the loss of a fibre.

Circumstances alter cases. Nurserymen are growing more honest and able. The man who used to plant a row of Norway spruces when they were six inches high, leaving them untouched for five or six years and selling them when they were four feet high, will soon be a relic of past civilization. Nurserymen are now transplanting their evergreens, so that with decent, intelligent care, there is a good prospect of your saving a great majority of them. No matter how favorable the time, or if watering, mulching and every other attention be given, you can't keep alive one of those trees that has lost every working root and fibre in lifting.

If you have occasion to move evergreens, do it at once. See that fine soil is in contact with all the roots. When the soil is filled in to within six inches of the surface, give them a thorough soaking and when the water has soaked away, fill in with the dry soil and on top of that a mulch of two or three inches of stable litter is most beneficial.

All this seems quite a performance, but to water on the surface and then allow the ground to bake, is really a little worse than nothing. The whole secret of successful transplanting is the avoidance of loss of roots. How easily the greenhouse man shifts a plant from a 2-inch to a 4-inch or an 8-inch to a 12-inch pot without the loss of a tender leaf, because no root or fibre is lost or bruised. This is impossible in moving an elm or Norway spruce, but the nearer you approach, so relatively will be the measure of your success.

Propagating Geraniums.

Some people begin propagating zonale geraniums early in August. Those who have tried it have learned to be wiser. It's too hot and in applying enough water to keep them from drying up, they go off with what we call the black rot, which I suppose is a bursting of the walls of the cellular tissue and the decay which must ensue. Wait until September.

By the middle of this month and for a few weeks later is the proper and best time to propagate the show and fancy pelargoniums, often called Lady Washington. I suppose pelargonium is the correct generic name of all our geraniums and in Europe they are generally known as zonale pelargoniums, show pelargoniums, etc., but here in this expansive and expanding country, the old familiar name, geranium, is so firmly fixed that it would take a century to amend it.

Lady Washington is harmless if you like it, but Beefsteak geranium in place of Rex begonia is slightly depressing; in fact, it is worse than the interpretation of a young Irishman, who was once in my employ for about seven and a half days. I told him to carry the begonias into the shed and after he had accomplished the effort, he reported that the "Bigonions were all in."

The Show Pelargoniums.

After flowering, the show pelargoniums make a strong growth. By the end of July that growth is about matured and somewhat ripened and if water has been sparingly given for the last two or three weeks, so much the better. When you cut down a pelargonium for propagating, cut it down. Leave only two or three inches of the old stem. There will be eyes and breaks that were not visible to the naked eye. Keep your old plants almost, if not quite, dry until they are covered with signs of a new growth, which will be in about three weeks. Then shake off every particle of old soil. Trim back the ends of the roots and repot in a smaller pot than they flowered in.

The cuttings from this cut-down plant will root either singly in 2-inch pots, or in the sand in the ordinary propagating house. Remember the cuttings are somewhat ripened and they do not need a lot of water. The amount of water you would give a batch of chrysanthemums or poinsettias in the sand at this date would rot the pelargoniums. Almost any part of the plant will root, hard or soft. In fact, in the earliest half of the last century, I remember a good old gardener propagating these showy plants from pieces of the root almost as we do bouvardias.

Decline of the Pelargonium.

That landmark of horticulture in America, Peter Henderson, says in his book, "Practical Floriculture," that if he were compelled or had no opportunity to grow but one plant his choice would be the show pelargonium. If this great, good and shrewd man were alive today, he would not say that, because our climate does not suit it as does that of the British Isles. The English gardener or nurseryman shows a plant in a 10-inch pot that is six feet in diameter, as perfect in outline as an umbrella in a shower, a great triumph of art and industry, but there is no call for that here and the decline and fall of the show pelargonium is simply explained by the fact that the zonale pelargonium has been so wonderfully developed in size, color and all other desirable attributes that the dear old pelargonium by which we made many an honest dollar (mostly spent) has dropped into oblivion. Grow a few, if it is only to find out that you are not much of a gardener after all.

The Poinsettias.

We often allude to the poinsettia because we think we know all about it, having grown it quite successfully for very many years and traveled with that progressive organization known as the Gardeners' and Florists' National Protective Federation of Labor.

Never allow your early propagated plants to become what is called pot-bound. You must shift them. If cut blooms are wanted, then there is nothing so good as to plant them on a bench in six inches of heavy, rich soil. A poinsettia that has plenty of food at the root will endure 10 degrees lower temperature than a starved plant in a pot. You hear occasionally some Mr. Vernon say: "My poinsetts didn't do very well; I ain't got heat enough." He had heat enough, but the plants were starved.

This month, even the end of it, is an excellent time to put in cuttings for plants to make the pans which are now the most important feature of the poinsettia business. There is a hint here. Don't attempt to put them in the pan from the sand, because some will be stronger or more vigorous than others. After being in 2½-inch pots for a week or two, you can select half a dozen of similar strength and propensity and so your pans will be a success. However much nature and, incidentally, an artist hates a straight line, the public loves a show, however gaudy, and your pans of poinsettias should be of uniform height, size and quality.

Lorraine Begonias.

Begonia Gloire de Lorraine is now an established Christmas plant. Our experience with it as a house plant is not favorable, but we have heard other accounts and if its life in the dining room is ephemeral it matters not, because it is more beautiful than any bunch of cut flowers can possibly be and will last longer. Why it loses its leaves quickly in the writer's dining room is perhaps accounted for by the fact that we heat and illuminate with natural gas and intercommunicate our views and impressions of life, past, present and prospective, also by gas more deadly even than the strange subterranean product.

This beautiful plant will now be making active growth and you can still put in cuttings. The plants rooted now will make excellent medium-sized plants for midwinter. The begonia is the most



H. A. Terry, the Venerable Peony Raiser, and His Field of Blooms at Crescent, Ia.

mixed and hybridized plant we grow, next to the pelargonium, and if the Maker of all things was to make a flying visit to this little sphere, He would hardly recognize Gloire de Lorraine as a product of His creation.

You will notice that Lorraine makes its most rapid and healthy growth after the end of September, which is proof that it wants, or likes, a temperate degree of heat. Give all the ventilation you possibly can and if you can shade with a lath shading or, better still, with a cheese-cloth shading that can be applied when the sun shines and rolled up when Old Sol's under the weather, you will have a great help toward growing this choice plant.

Label the Cannas.

This is an excellent time to label any cannas in your field that are not what you intended to be there. When in flower you know them. When October's chilly blast has shriveled up the tropical foliage they are like the coons, they all look alike, and only an expert can distinguish the dry roots. It's annoying to plant a bed of 100 cannas for a customer, supposing all David Harums, and find in July that Mme. Crozy has sneaked into the same bed to flirt with him. It was written in the Gardeners' Chronicle some thirty years ago that a famous camellia grower of Belgium could name a thousand varieties of camellias by their leaves. That's prodigious, as Dominie Sampson would say. We once knew thirty or forty zonale geraniums by their foliage, but that day is past and now we know better the colors of the riders. To encumber your brain with any such detail is cruelty to animals.

WILLIAM SCOTT.

"DON'T think for a minute that I would do without the REVIEW."—T. E. GUY, Arlington, O.

HANCOCK, MICH.—Much curiosity has been aroused by the advertisement of a local florist in which he offers 10 cents each for 200 toads. Investigation develops that he wants them for his greenhouse to use as insect destroyers.

VISIT WITH A PEONY KING.

July 12 I had the pleasure of visiting H. A. Terry, of Crescent, Iowa. It was his seventy-eighth birthday. The years sit lightly on his shoulders, for he is an active man, at work early and late, besides keeping up a wide correspondence.

Mr. Terry has given the world some fifty kinds of improved plums, but his greatest achievement has been in producing about 100 new and choice peonies. I have about the same number of his and of Kelway's, and after growing them side by side for years, have come to the conclusion that the main difference is that Kelway has used the most printers' ink.

For nearly thirty-five years this man has been quietly at work, and never till this summer has he had a photograph taken of his new creations. The accompanying picture gives the grand old man in the realm of beauty which he has called forth.

Mr. Terry has not reaped much of a harvest from all these years of hard toil, for he is one in whom the commercial spirit is entirely dormant, despite the best efforts of his friends to awaken an appreciation of the business possibilities which lie at his hand.

C. S. HARRISON.

SUMMER-FLOWERING ROSES.

Summer flowering roses, such as Kaiserin, Ivory, Meteor and any other varieties which may be found suitable for this purpose and which have been planted and received the proper treatment with this purpose in view, will during the hot weather require especial care and attention in the matter of feeding and watering. By carefully observing and attending to their wants in these essentials, the size and quality of bloom can in a great measure be retained till cool weather again approaches, whereas the least neglect may allow deterioration to set in, which is hard to check.

We have found it of great advantage to sprinkle bone flour on the surface of the soil before applying the mulch, which ought to be of a rather rich nature at this season. Two parts of well decomposed cow manure to one part of fibrous sod, thoroughly incorporated and made rather fine, is a safe and effective mulch. This should be spread rather thicker than the earlier summer mulch, so that the roots may derive some benefit from the cooling effect. We have frequently put it on one and one-half inches thick with good results.

As the mulch becomes exhausted frequent applications of liquid food should be made. The safest and best form of liquid food is that which is procured from the cow barn. This should be put into a tank and allowed to stand until fermentation has begun, when it should be drained off and reduced to the required strength before using.

This form of food is readily assimilable and contains nearly all the elements of plant life in their proper proportions and contains very little of the caustic properties so observable in chemical preparations. This can with all safety be applied to such crops once a week during the hot weather. RIBES.

LIBERTY.

We would like to know the treatment for Liberty rose as regards night and day temperature: Will it do with 56 to 58 degrees at night and 60 to 62 degrees in the daytime? This will be our first season with it and we shall appreciate any advice which will assist in our success. B. & W.

The temperature at which Liberty has done best with us has been 58 to 60 degrees at night, with a day temperature varying from 65 to 80 degrees, according to intensity of sunshine.

This rose, being of rather an erratic character, has in many cases failed to respond to the treatment under which it has formerly done well, and in consequence many good growers fight rather shy of it.

As it requires very little excuse for taking a rest during winter, the aim of

the grower should be to keep it in a vigorous growing condition all the time. This can be accomplished by using stimulants frequently and judiciously and, as when in health it is a strong grower and a heavy feeder, it requires more water and nutriment than Bridesmaid.

When disbudding the stems should be cut close to the last two eyes, thus securing only the best and strongest for future flower stems. Being rather subject to black spot, ventilation has to be carefully attended to and should at all times be ample.

This is one of the roses which in most cases is more productive when carried over a second season if properly handled.

Ribes.

A NEW BEGONIA.

The accompanying illustration is from a photograph of a new and strikingly variegated begonia which was discovered in 1901 by H. G. Wolfgang at the establishment of the Templin Co., Calla, O. It will shortly be introduced to the trade as Begonia Templinii, although botanically it would be B. phyllomaniaca variegata. It makes an upright growth of from two to three feet and the leaves are from six to ten inches long, with wavy margin. The foliage is glossy green blotched with varying shades of yellow, tinged with flesh pink deepening to rich crimson, the reverse coppery crimson. In winter and spring there is a profusion of light pink flowers. The variety is easily propagated, from leaf or stem cuttings or from the adventitious growth which characterizes B. phyllomaniaca. It is not only a very striking greenhouse plant but is a good bedder, standing the full sun well on the grounds of the Templin Co.

There is a steadily increasing demand for the ginkgo for street planting.

Onarga, Ill.—Ludwig Mosbaek is planning to add several houses to his plant here.

Waveland, Ind.—Geo. Grim has sold his greenhouse to Charles Grimes, who will remove it to Russellville.

Maysville, Ky.—C. B. Dieterich & Bro. have moved their flower store into new quarters in Odd Fellows' row.



GENERAL NOTES.

Watchfulness the Watchword.

Just now the plants are growing rapidly and the chief work is to keep them clean, well tied up, suckers, side shoots and dead leaves removed and such similar work as may be necessary. Watch the under side of the foliage for red-spider and if you find any traces of it, which you most likely will, put a sprayer on your hose and clean it out. Spider is very often present on the foliage when the individual in charge of the plants has no idea of it.

Blackfly should be kept down by fumigation and remember it is far better to fumigate lightly several times than to smoke heavily once and burn the tender foliage. It is a fact apparently not generally known that if the foliage is sprayed over so that every leaf is moist no harm to the foliage will result, even with a comparatively heavy smoking.

Caterpillars are, as usual, numerous enough. They disfigure the foliage so much that it is necessary to clean them out as soon as possible and the only effective way I have so far found is hand picking.

I have not heard of or seen any rust on plants this year, so we may conclude that its day is over. A spraying with sulphide of potassium, as so often recommended in these notes, will not do any harm, particularly if the foliage is showing a disposition to leaf spot. Prevention is always better than cure.

Taking the Buds.

Early buds are being taken on the early flowering varieties, such as Fitzwygram, Bergmann, etc. It is too early yet to begin to take buds on the great majority of varieties, though an expert is run across here and there who has begun to sit up and take notice and has a few taken on kinds that experience has shown him will be too late if allowed to run on for another bud. Such kinds would include C. J. Salter, F. S. Vallis and the Carnots.

That grand pink, Duckham, will develop from a bud taken the first week in August, but I would not recommend it except to those who want to get into the market first, as it would come too early for exhibition and a bud that will show in about three weeks' time will give a larger, broader-petaled flower and deeper in color. Duckham is proving itself one of the best doers ever sent out, reports from all over the country showing it to be making fine, clean growth.

The early flowering varieties, of course, are naturally inclined to come all right from the early buds, and may be taken from now on with safety. In the early class I would place Bergmann, Opah, Fitzwygram, Marquis de Montmort and Alice Byron. I have had flowers of Byron produced from buds taken August 8 that compared favorably with any white I ever grew and were in fine shape for cutting by October 1.

For the benefit of the new men in the mum business we will endeavor to elucidate the question of buds as clearly as possible in the next issue, several letters having reached me during the past week on this subject.

Brian Boru.



CARNATION NOTES.—EAST.

Treatment After Housing.

Directly plants are housed and until well established there should be no let up in the exercise of every detail, however small, that will in any way contribute toward their becoming accustomed to the new quarters. I do not wish you to infer that after getting established they can be left to themselves, but to lay particular stress on the importance of careful handling during this period.

Observance of the change from the certain raw appearance of plants fresh from the field, to the finished look of vigorous growing stock under glass leads us to inquire the reason of this transformation. The bench soil, being much richer than that in the field, has an influence, but during the first week or ten days very little nourishment can be taken up by the roots. Practically the plant exists by drawing on its own supply of stored energy, supplemented by what is absorbed by the foliage from the atmosphere, which, being very different under glass, works a change, the plant adapting itself to conditions as found and the better these conditions are suited to the plants the sooner this great change is accomplished. This is where the grower's attention to details counts for much.

Spray the plants several times during the day, according to the weather, arranging to have the foliage dry over night. Should the weather be cloudy during and for a few days after planting the foliage will probably hold up well and you may conclude the plants are getting finely established, but be ready to spray when the sun appears, for the chances are more wilting will occur than if the weather had been fine.

In this connection it may be well to state that heavy shading will produce the same effect. I believe light shading is advisable, but would not recommend its removal all at once. Commence on the glass through which the first rays of the morning sun strike, gradually working toward the part it shines through during the hottest time of day, removing a portion each day.

By spraying I do not mean syringing, which is a very different operation and detrimental to the plants. To spray properly a strong force of water is not needed. Have a moderate stream running through the hose and with thumb or finger, create a fine spray directed well up over, not at, the plants. Have it so fine that it will fall on the foliage in the form of mist.

Wet the paths and space under the benches to help lower the temperature. Constant change of air is necessary, but this must be accomplished without perceptible draughts directly on the plants. Watch the bench soil closely, as some parts may dry out sooner than others.

As soon as a house is well under way a light fumigation is in order, as there is liability of insect enemies being brought in on the plants.

GEO. S. OSBORN.

CARNATION NOTES.—WEST.

Benching During Drouth.

We are having a splendid object lesson this season on the advantage of benching carnations during a dry spell. After having plenty of rain up to July 10, we have been having it dry since that time and the ground is getting quite dry. Most of the plants, especially those which were planted early, were of fair size by that time and these three weeks of drouth have matured the growth so that the plants are about half dormant and there is almost no wilting at all after the digging. The plants are hungry for water and food and it takes them only two or three days to take hold of the soil and very little syringing is necessary after the third day. Instead of wishing for a rain now, which is needed badly for other crops, we are tempted to wish for a continuance of the drouth until we can finish our carnation planting.

If you have your beds ready to plant, don't make the mistake of waiting for a rain before digging, but start in at once and plant all you can before a rain sets in and softens the growth again. After planting a certain amount of overhead syringing is necessary, but be careful that you do not overdo it. Stop it just as soon as the plants will bear up without it. Too much syringing will start stem-rot into activity, if there is any of that fungus present, and it also tends to sour the soil and cause a green scum to form on top. Just as early as possible reduce the sprinkling to dampening the walks, which will help wonderfully to keep the plants fresh without the harm resulting from continual damp foliage. You can keep the walks damp day and night if there is plenty of air in the house.

By the way, don't keep the ventilators half closed while planting unless the wind is very high and a strong draught would strike the plants. Carnations do not need a close, hot atmosphere to recover. They enjoy a cool, airy, bracing atmosphere at all times. So keep up the ventilators all you can. Last week we planted a bed next to a south glass wall from which every third pane of glass had been removed to admit air. These plants never wilted a particle but today are all but one plant out of the whole bed growing nicely. That one plant had stem-rot.

Depth of Soil for Carnations.

I was glad to see those letters from Messrs. Poehlmann and Goddard regarding depth of soil and I hope many others will tell us what they think of it. If there are any who have tried a very shallow depth of soil we should very much like to know what their experience has been. Would especially like to hear from Mr. Witterstaetter regarding that bed of Lawson he had last season. As I said before, I have had no experience with less than three and one-half inches of soil except in accidental small spots, so I cannot speak from actual knowledge, but I shall find out this season. Mr. Poehlmann is right when he says that you cannot bench a plant from a three and one-halt-inch pot in three inches of loose soil; that would never do. But we did plant a lot of Lawson from two and one-half-inch pots in a scant three inches of soil in May, and the plants are growing finely and are larger today than the balance of the lot, which were planted in the field. Our experiments are being made entirely with beds made on cinders, as we have no raised benches for carnations at present. With these beds there is no danger of washing the plant-food away, as there is with raised benches.

A. F. J. BAUR.



The New Variegated Begonia, Templinii.

VARIETIES TOGETHER.

We have two houses to be planted with carnations this month and would like to know which of the following varieties should be planted in each house. What temperatures should be kept? The varieties are Lawson, Wolcott, Enchantress, Queen Louise, Flora Hill, Estelle, Nelson, Joost and Peru. A. J. K.

I would plant Lawson, Gov. Wolcott, Flora Hill and Queen Louise in one house, giving Lawson the warmest place in the house and Queen Louise the coolest. Plant the other varieties in the other house, giving Enchantress the coolest place and Estelle the warmest place. Run the warmer house 52 to 56 degrees and the cooler house 48 to 52 degrees. Try to plant Lawson and Enchantress where you can shade them handily without shading the others, as they will need a little shade toward spring before the others are ready for it. Gov. Wolcott, Enchantress, Nelson and Peru will need the most headroom. Lawson and Estelle will need the least headroom.

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PROPAGATING HOUSE.

I want to build a propagating house for rooting geraniums and all kinds of bedding stock. Would be pleased to have you tell me how wide and high to make it, and every detail to arrange an ideal propagating house, and arrangement for heating, in connection with a house devoted to bedding plants. How would it be to place the bedding plants on solid beds instead of raised benches, and how would you in that case arrange your heating pipes? For starting vegetables and pansy plants, say in January, would you advise low, narrow houses, say ten feet wide, or twenty-seven feet, or wider and higher to the ridge, and how would you arrange your ventilation for such a house? L.

This is a large and important subject and to thoroughly do justice to it would occupy much space, and I will be as brief as the subject will allow. The size of the house will depend on the size of your business, or quantity you want to grow. In many establishments where roses and carnations are largely grown you will find the propagating

house to be a lean-to, the south wall eight feet high and the front wall five feet. This house has a northern aspect, with one bench and one path and, with the exception of a few months in summer, no direct sun rays enter the house. Then, again, at large carnation specialists' you will see the propagating house an equal span twenty or more feet wide, with three or four benches. I much prefer the lighter house. If propagating on a large scale I would prefer a house 20x100 feet to one 10x200, but remember you can root a great lot of cuttings in a bed three feet wide and 100 feet long.

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With a full knowledge of the difficulty of dealing promptly with insect attacks, we feel it our duty to point out that however difficult it may be, in the first instance, to adopt repressive measures, the difficulty in dealing with insect pests is increased a hundred fold when they are allowed to become established before anything is done to check them. The golden rule in all cases is, immediately insect pests make their appearance, to take steps for their eradication. To be in a position to take full advantage of this rule close observation is necessary, and it is not less essential to be provided with a stock of the several preparations known to be the most effectual in insect destruction. There should, for instance, be on hand a liberal supply of such things as soft soap, quassia and some form of nicotine ready for use. For the application of insecticides a spraying machine is most economical and efficient. There should also be at command a liberal supply of soot and lime for the prevention of attacks of snails and slugs, which this season are very plentiful and most destructive to vegetable crops in their earlier stages of development. It should be remembered in this connection that in keeping pests of all kinds in subjection, not only are the present crops saved, but subsequent ones are less likely to suffer damage.—Gardeners' Magazine.

CHICAGO.

The Market.

The week has brought very little change with regard to the staple stock in the market. Roses from old plants have almost disappeared and the receipts of young stock show very little increase. There is still an active demand for the better grade of goods and all clean roses are bringing comparatively good prices. Carnations are scarce. The benches have practically all been cleared and the outdoor stock is not much in evidence as yet. What few blooms come in are very poor. The receipts of asters have shown the anticipated increase and there are now large quantities in all wholesale houses. The quality in general is not very good and prices are low in consequence. What good stock there is brings fair money. Receipts of sweet peas are again on the increase, but there is fair sale of this item at moderate prices, as there is very little else which can be used in wedding work. The supplies of auratum lilies have increased and sales are

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INSECT PESTS.

The grower has need to be endowed with more than the average amount of patience, for no sooner does he have the promise of obtaining an exceptionally good crop than some insect pest puts in an appearance and makes a strenuous effort to share it with him. The matter of sharing would not, perhaps, be of great consequence, were it not that the pest requires the greater part, and in its endeavors to obtain it completely ruins the crop unless kept in subjection.

With a full knowledge of the difficulty of dealing promptly with insect attacks, we feel it our duty to point out that however difficult it may be, in the first instance, to adopt repressive measures, the difficulty in dealing with insect pests is increased a hundred fold when they are allowed to become established before anything is done to check them. The golden rule in all cases is, immediately insect pests make their appearance, to take steps for their eradication. To be in a position to take full advantage of this rule close observation is necessary, and it is not less essential to be provided with a stock of the several preparations known to be the most effectual in insect destruction. There should, for instance, be on hand a liberal supply of such things as soft soap, quassia and some form of nicotine ready for use. For the application of insecticides a spraying machine is most economical and efficient. There should also be at command a liberal supply of soot and lime for the prevention of attacks of snails and slugs, which this season are very plentiful and most destructive to vegetable crops in their earlier stages of development. It should be remembered in this connection that in keeping pests of all kinds in subjection, not only are the present crops saved, but subsequent ones are less likely to suffer damage.—Gardeners' Magazine.

CHICAGO.

The Market.

The week has brought very little change with regard to the staple stock in the market. Roses from old plants have almost disappeared and the receipts of young stock show very little increase. There is still an active demand for the better grade of goods and all clean roses are bringing comparatively good prices. Carnations are scarce. The benches have practically all been cleared and the outdoor stock is not much in evidence as yet. What few blooms come in are very poor. The receipts of asters have shown the anticipated increase and there are now large quantities in all wholesale houses. The quality in general is not very good and prices are low in consequence. What good stock there is brings fair money. Receipts of sweet peas are again on the increase, but there is fair sale of this item at moderate prices, as there is very little else which can be used in wedding work. The supplies of auratum lilies have increased and sales are

slow. Quantities of gladioli are offered at low rates. There are large quantities of green goods and, as the demand is very light, all items in this department show widely varying values.

Chicago to St. Louis.

There was a well attended special meeting of the Florists' Club last Thursday evening to discuss the trip to St. Louis. It was decided to start Monday, August 15, at about 11 a. m. The exact hour cannot be set until it is known how many will go; 100 will call for a special train. Everyone who is going should notify P. J. Hauswirth, chairman of committee, 227 Michigan avenue, by postal card or telephone. This is important.

Mr. Hauswirth was at St. Louis Saturday and looked into hotel arrangements. There will be plenty of room. The committee recommended that those going reserve accommodations at any of the following:

Hotel St. Nicholas, Eighth and Locust streets, $2 per day and up, two in a room.

Hotel Rozier, opposite the convention hall, $1.50 per day and up, two in a room.

National Hotel, close to hall, $1 a bed, two or more beds in a room.

In private houses, by addressing F. M. Ellis, 1316 Pine street, who will make all arrangements on request.

street, is adding one house to his establishment.

The city employes of the Geo. Wittbold Company picnicked at the Edgebrook establishment last Saturday. Both city stores were closed for the day.

John P. Risch has returned from a two weeks' vacation spent in Wisconsin.

J. A. Budlong will have 60,000 carnation plants benched by the end of this week.

Peter Reinberg's planting of carnations will not be as heavy this year as last, more room being given to roses.

The Flower Growers' Market has made a three years' lease from May 1, 1905, on its present quarters, at 58 and 60 Wabash avenue. The agents for the property say there is no intention of rebuilding.

C. M. Dickinson was downtown Tuesday for the first time after a week's illness.

C. L. Washburn is at home from a two weeks' camping expedition in northern Wisconsin with his son and five other Hinsdale young men.

Sinner Bros. are handling gladioli from the Miami Floral Company, Dayton, O.

A. C. Spencer is on vacation this week.

G. H. Pieser has returned from a very successful fishing trip near Lakewood, Wis., and E. E. Pieser expects to get away today for his trip to British Columbia.

F. F. Benthey has returned from a week at New Castle.



Bed of New Cannas at St. Louis Worlds' Fair.
(Exhibit of Wm. Schray & Sons, St. Louis.)

Various Notes.

John Lang, who has for many years been in business at Robey and Melrose streets, has sold his stock and leased his greenhouses for five years to Peter Reinberger. Mr. Lang has accumulated a modest competence since he has been in business at this stand and will go to Europe in a week or two for a protracted visit. Mr. Reinberger has been in business in leased houses for several years and is well liked. His new place consists of seven houses, largely in bedding stock, chrysanthemums and carnations.

There was considerable hail southwest of town last Wednesday. About 300 lights of glass were broken in the greenhouses of Mount Greenwood cemetery and bedding plants were badly cut to pieces. West of there the hail was much heavier and the market gardeners lost practically all their stock.

J. W. Ensweiler, of 5329 South Morgan

The ladies' bowling contest was concluded Tuesday night, Mrs. George Asmus winning first prize, a jardiniere, pedestal and palm. Mrs. Hauswirth won the cut-glass vase and Mrs. Winterson the palm, second and third respectively.

"Back September 1" is the sign at Iralson's store, on Forty-third street.

Visitors: E. H. Hitchcock, Glenwood, Mich.; August Beyer and son, South Bend, Ind.; J. A. Evans, Richmond, Ind.; George Pease and William Kiefaber, Dayton, O.

NEW BEDFORD, MASS.

Except for an occasional funeral design, business is almost at a standstill. We are probably not as slack as our nearby city, Fall River, with its cotton mills' strike. Our mills here are running on short time, but that is better than having them closed up all together.

The Florists' Club held its first outing at Sylvan Grove July 22 and had a first-class time. Lester Mann, of Mann Bros., of Randolph, and Wm. Anderson, of Anderson & Williams, of Waltham, were guests of the club. After partaking of a first-class clam bake with all the "fixins," there was the baseball game between the greenhouse and store teams. The hardest task was to find an umpire. We tried to get "Bill" Anderson to officiate, but he said that he had promised Mrs. Anderson that he would come home safe and sound and would not take any chances. Covill and Gifford were the batteries for the store team and Bly and Flynn for the greenhouse men. The store men won the game in ten innings, with a score of 16 to 15, Wm. C. Peirce making a fine two base hit with a man on second base, winning the game. Both pitchers pitched a fine game, Covill striking out twelve men. Special features of the game were a fine catch of a fly ball by Borden, of the store team, in the first half of the tenth inning, with three men on bases, and the kicking of Bly, of the greenhouse team.

The second annual fall exhibition of the New Bedford Horticultural Society will be held September 15 to 17. It is expected that there will be the finest display of dahlias ever exhibited in southeastern Massachusetts. Henry C. Denison has donated two silver cups for dahlias, one for the open class for sixty varieties and one for the amateur class for thirty varieties, and great interest is shown.

C.



H. A. Dreer's Exhibit of Aquatics at St. Louis Worlds' Fair.



Members of the Florists' Club of New Bedford, Mass., on an Outing.

BOSTON.

The Market.

Supplies have been comparatively light during the past week, and stock has generally cleared out well. Particularly was this the case on July 30, when no flowers remained in the market. Roses are not plentiful. Best Beauties bring $2 per dozen. Anderson and Christensen are sending in some nice stock of these. Asters are more abundant but have sold well, especially whites, which have been in short supply at 75 cents to $1 per 100. Sweet peas are becoming poor and spotted and will not now cut much figure. Lily of the valley sells well at from $4 to $6 per 100. Gladioli are in good supply at $3 to $8 per 100, white shades bringing the higher price. White flowers of all sorts have been decidedly scarce during the past week.

Indoor carnations are now wretchedly small and will soon be a thing of the past. Some good outdoor-grown flowers are now coming in, however. The best bring $2 per 100. The Queen, white, and Saxon, scarlet, seem to take the lead.

Weekly Exhibition.

Although there was only one competitive class for cut flowers at Horticultural Hall on July 30 the lecture hall was completely filled with exhibits. For thirty varieties of hardy herbaceous perennials there were four fine collections staged and competition was close. Eventually the prizes went to Carl Blomberg, Walter Hunnewell, T. D. Hatfield, gardener, and Bay State Nurseries, W. H. Wyman, proprietor. Robert Cameron again staged, but not for competition, a very extensive collection of perennials. Blue Hill Nurseries showed a grand collection of herbaceous phlox in fifty varieties, also some fine seedlings. A few of the best sorts noted were Blue Hill, Le Mahdi, Evenement, Coquelicot, General Chanzy, Lununeux, Esperance, La Candeur, Le Cygne, Amphitryon, Cameron and Lord Rayleigh. He also exhibited the apricot colored Lilium Batmanniæ.

Peter Cairns had a nice collection of hollyhocks. Mrs. L. Towle, a table of fine sweet peas and dahlias, the latter the first of the season. W. Whitman had a large display of perennials and annuals, as had Mrs. E. M. Gill. L. H. Atkins had a display made interesting from the fact that it was from a congested city yard, where conditions were of the worst, cats being classed as about the greatest stumbling block in the way of success. The display included Shirley poppies, hollyhocks and a general assortment of biennials and annuals, a fine illustration of what may be accomplished under adverse conditions.

Vegetables again were finely shown and the fruit exhibits included the first outdoor grown apricots, peaches, apples and pears of the season. As usual the Boston Mycological Club had a fine collection of fungi.

Various Notes.

J. F. Free, better known as "Joe," of the Columbus avenue market, was married on July 26 to Miss Welch, of Charlestown. The boys in the market remembered Joe with a purse of gold, and his many friends there and elsewhere wish him much joy.

William H. Elliott is sending some very fine Kaiserin roses to the market. These sell on sight.

The white gladioli from W. W. Edgar are bringing top notch prices.

Alexander Montgomery is sending in first-class valley from the Waban Rose Conservatories and has the market largely to himself at present.

At the Taunton greenhouse, Willard & Williams continue to make improvements in their plant and report a steadily increasing trade. They have 8,000 chrysanthemums benched and are just preparing to house an equal number of carnations. Stock in the field looks first class. We noted a long bench of Nephrolepis Piersoni in fine condition. Mr. Willard says this is a capital seller. Here, as elsewhere, benched plants show a tendency to revert to the type.

At W. J. Clemson's estate in Taunton, Oscar Kristenson had his herbaceous perennial borders in fine condition. Sweet peas were here eight feet high and loaded with bloom. In hardy climbing roses, Lady Gay, Farquhar and Crimson Rambler were the most attractive. In one of the greenhouses single stem chrysanthemums looked well.

William C. Winter, of Mansfield, is one of the oldest and most successful florists near Boston. He has been located in Mansfield for forty years, and has a nice, compact plant of 12,000 feet. A house of grapes 24x103 containing Black Hamburg and Muscat of Alexandria had been heavily cut from, but what remained were large, finely finished bunches. Mr. Winter, however, states that the demand for even such fine grapes as he raises is very uncertain and prices not at all remunerative. One house which had contained grapes was planted to other stock. Mr. Winter sells most of his fruit in New York. If such fruit as he has this season is hard to sell, the outlook for commercial fruit growing would seem to be anything but roseate. Cucumbers are grown to a considerable extent here. Present prices of 75 cents per bushel, compared with $2.50 a year ago, are not very encouraging.

Mansfield is becoming a famous cucumber center. Half a dozen establishments of large size are now located there and one or two new ones are under way. Fruit is shipped to New York and Boston, chiefly to the former city.

Everywhere one goes indications are to be seen of the increasing popularity of the dahlia in this section. The cactus varieties are the most popular. Wm. C. Winter grows a large stock of all the best varieties and does a heavy spring trade in them. He finds much better profits in these than in other branches of his profession.

The E. S. Converse estate in Malden is well known to Boston horticulturists. D. F. Roy has been superintendent here for sixteen years. He is a frequent and successful exhibitor in New York and Boston and usually has something good to show visitors. Specimen chrysanthemum plants at present look splendid and will be hard to beat at Horticultural Hall next November. Pompons, anemones and singles are given special attention here. Single stems were very vigorous. Stove and greenhouse plants in variety, cyclamens, roses and other stock looked well. A new house was being built for carnations and melons. Several divisions are alloted to fruit, about 150 feet run being given to grapes.

Mr. Roy has recently been appointed superintendent of Pine Bank park, Malden, a picturesque spot of 100 acres, and cares for this in addition to the Converse estate. He at present has a tremendous task before him in fighting the gypsy moth, which is here at present in countless millions. We noted scores of magnificent white pines without a needle.

having been eaten for two successive years. These are now dead. Deciduous trees of all kinds are eaten bare in some parts. A big fight will be put up to keep them in check, but the task seems a tremendous one for local authorities to tackle. Stretches of woodland in other parts of Malden and Medford were as bare as though a forest fire had swept them.

At General Samuel C. Lawrence's large estate in Medford are probably the finest specimens of hydrangea to be found in this state. Plants nine feet high and as much across covered with bloom, are dotted about the lawns. A finely constructed and roomy pit is used as a storehouse for these in winter. Standard lantanas and Hibiscus Rosa-Sinensis were used to good effect in the flower beds. A large house of finely grown chrysanthemums in pots and a capital lot of single stem plants were noted. A house of crotons showed excellent culture, as did a batch of dipladenias, which included some very desirable seedlings. Cinerarias were already in 8-inch pots and may need tubs ere spring. Carnations are popular and William Keith, the able and respected superintendent, showed us numerous seedlings in various stages. It has cost General Lawrence many thousands of dollars to fight the gypsy moth on his estate, and but for his efforts the destruction in Medford would be far more widespread than it is.

Indications at this date do not point to a large delegation to the St. Louis convention.

August 6 will be perennial phlox day at Horticultural Hall. A fine display is assured.

Superintendent Doogue is preparing a fine display in the Public Gardens for Grand Army encampment week, the third week in August. The last G. A. R. gathering in Boston was in 1890. Carpet bedding was then more popular than at present.

W. N. Craig.

ST. LOUIS.

The Market.

Business is very slow just now. Some of the boys report quite a lot of funeral work, but that is about all that is going on at present. The wholesalers report plenty of stock of all kinds, but dealers are buying only in small lots, just to carry them for one day. Most of the stock that comes in is of exceedingly poor quality and especially so with carnations. For these the demand is good, but it is very hard to obtain good stock. Roses are very plentiful, but more are dumped than are sold just now. Asters, too, are a glut; only white are selling. The colored sorts are piled up by the thousands at the commission houses. Gladioli are also a drug, as in fact is all outdoor stuff. The least said about the cut flower market at this time the better.

Convention Notes.

The members of the Florists' Club should not forget the meeting next Thursday afternoon, August 11. This is the most important meeting of the year. At this meeting all the committee badges will be given the members, also the souvenir book. It will be necessary for each member to have a badge in order to partake in the entertainment and proceedings of the convention. It has been decided that no badge or book will be sent to any of the local club members by mail. The meeting will open promptly at 2 o'clock, as officers are to be elected and more than the usual amount of business transacted, as only four days are left before the opening of the S. A. F. convention.

President Breitmeyer, of Detroit, and P. J. Hauswirth, of Chicago, spent Saturday and Sunday in St. Louis. On Saturday morning they visited the convention and exhibition halls, where a big force of carpenters was at work erecting tables and benches for the exhibitors, which very much pleased the president. In the afternoon both gentlemen visited the World's Fair. Sunday was taken up with inspection of hotels and the bowling alleys. At the latter place, a meeting of the bowling and shooting committees was held, after which both left for home, satisfied that great things are in store for the delegates and the convention will be a great success.

Mr. Kern, the proprietor of the Palace alleys, where the convention bowling contest will take place, says he will put the twelve alleys in fine shape. The large sitting room in the front of the alleys will be handsomely decorated for the occasion. There is plenty of room for all visitors to view the contest. As was decided at Milwaukee, the contest will be governed by the rules of the American Bowling Congress, of which Samuel Knopf, of Dayton, O., is secretary, who will be here in person during the bowling. The boys can bring their loaded balls this year, but the weight must not be over sixteen and one-half pounds.

Superintendent Kuehn, of the trade display, reports that he has a surprise in store for the S. A. F. members in the turtle exhibit, in which 1,500 turtles will take part. Don't fail to see it, as you are entitled to one to take home as a souvenir.

The hotel committee, in charge of Frank Ellis, has prepared a list of all the prominent hotels and private rooms for those who have not made arrangements ahead. These will be presented to the delegates as they arrive at the station. Those who wish to be close to the convention hall should arrange with the Hotel Rozier, across the way from the hall; the Hotel Jefferson, one block away; the International, 1312 Washington avenue, a block from the hall, or the Merchants, at Twelfth and Olive streets. There are plenty of good accommodations for everybody at reasonable rates.

Sergeant at Arms Pilcher is now in training at Kirkwood for his duties during the convention. The members will find in Mr. Pilcher a very large and powerful man, very polite and agreeable to all, but not very easy to handle.

State Vice-president Juengel has proved himself a hustler for the S. A. F. He has rounded up a lot of new members for the society. He reports that he will have another batch of names by the next meeting of the local club next Thursday.

The local sport committee met on Sunday afternoon at the Palace Bowling Alleys, with President Breitmeyer of the S. A. F. and the next president (so far as St. Louis is concerned), Phil. J. Hauswirth, of Chicago. This meeting was held for the purpose of arranging for the prizes for the bowling and shooting during the convention. Everything was satisfactorily arranged in short order and President Breitmeyer is more than pleased with all arrangements and the harmonious way our boys are working, and he could see nothing but good times before the members when they come to spend a week in St. Louis. Mr. Breitmeyer especially spoke well of the hotel committee in the way they are handling the work, an office having been fitted up at the convention hall where 5,000 visitors can be accommodated with rooms in any part of the city and at any price, with guides in waiting to take them to these rooms or hotels.

Those who attended the meeting of the local committee were: Carl Beyer, F. C. Weber, C. A. Kuehn, F. H. Meinhardt, Otto G. Koenig, Charles Juengel, Theo. Miller, F. M. Ellis, A. Y. Ellison and J. J. Beneke. After the meeting a few games were bowled, in which President Breitmeyer and Phil Hauswirth made some great scores.

Nearly a hundred cases of display goods have arrived at the convention hall in care of Superintendent Kuehn. Everything will be in readiness by the end of the week in the exhibition hall for the exhibitors to place their goods.

Visitors: H. Currie, of Currie Bros., Milwaukee, Wis., and Wm. F. Zane and son, of Wheeling, W. Va.

J. J. B.



Palace Bowling Alley, 2200 Franklin Ave., St. Louis.
(Where the S. A. F. Convention contests will be rolled. There is another set of six alleys on the floor below.)

THE ANNUAL

Convention Number

of the Review

will be published August 18.

Containing a full, illustrated report of the St. Louis Convention and Trade Display while the subject is still fresh and full of interest.

This is a fine opportunity for SPECIAL ADVERTISING.

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NEW YORK.

The Market.

The week opened with floods of rain and floods of gladioli and asters. The best stock brings a fairly good price in small quantities, but the buyer who can use large lots can make his own prices. I saw 3,000 offered for $10. The regular rate is 50 cents per 100 and this will be the prevailing figure for weeks to come. Occasionally 2 cents and even 3 cents has been asked for selected stock and colors of the new varieties. Good asters seem to be in fair demand at encouraging prices, but ordinary stock is not wanted and cannot be disposed of.

The new roses are arriving in larger quantities daily, but in most cases quality is sadly lacking. The best Beauties and Brides command even better rates than the quoted prices, and none are left unsold. Dahlias have only just arrived and go freely. Sweet peas are about out of the running. Business is exceedingly dull and no indications of a revival are yet in evidence. Another month will see the clouds dissipated and the premonitory evidences of a return to life.

Various Notes.

B. Suzuki, of Suzuki & Iida, arrived safely at Yokohama and Chas. Loechner, of the same house, has returned from his European trip, which he has devoted the last three months to his firm's interests. Messrs. Suzuki & Iida are introducing Japanese grown freesias, finding a good demand for them.

The convention is so near that it becomes a more interesting topic daily. The New York delegation, it is hoped, will be worthy of the city. A lesser number than fifty would hardly be creditable to the greatest floricultural center in the world. It is hard to understand, with the added attraction of the World's Fair, how anyone with the time and reasonable cost to spare, can afford to stay away. St. Louis has had ideal temperature this year. Every preparation has been made for the comfort of the florists while there, and I predict the greatest meeting the society has ever enjoyed.

As to 1905, the east is entitled to favor, as the south and west and north have been remembered since 1901. This seems to be the era of the young man and it is rumored that this year another young Lochinvar will come out of the west, a young man of universal popularity, whose executive ability is conceded and whose devotion to the enjoyment of the members of the S. A. F. at the annual gatherings has been constant.

The New Yorkers will leave for St. Louis on Sunday, August 14, at 10 a. m., from the Liberty street station of the Baltimore & Ohio, arriving in the Fair city at 6 o'clock on Monday evening. Mr. O'Mara is chairman of the transportation committee and all who intend to go should notify him at once so that complete arrangements for their comfort may be made. From present indications the bowling team will include Messrs. Lang, Traendly, O'Mara, Siebrecht and Guttman, a good team with a capable average of 150, if the nerve supply does not become exhausted.

A. J. Fellouris, the green goods man, is visiting his customers as far west as Chicago and will end his trip among his growers and shippers in North Carolina and Virginia.

Last Monday, at the Church of the Sacred Heart, Bay Shore, Miss Ida Millang was married to William Kelley, of Long Island City. The young lady has been associated with her brother, August, in his retail florists' business and the trade extends hearty good wishes and congratulations. The happy couple are enjoying their honeymoon in the Catskills.

James Hammond, the wholesaler of West Thirtieth street, is enjoying his holidays with his family at Monticello, N. Y.

William Ford, of Ford Bros. ,is resting a week with his family at Rockaway before the serious recreations of his fishing trip at Barnegat.

Miss Foran, bookkeeper for the New York Cut Flower Company, leaves for her holidays next week and will rest amid familiar scenes at her old home near Quebec, Canada.

H. H. Berger & Co. report their Harrisii in good shape, as well as oxalis and freesia. Their importations of French stocks are due this week.

John Lewis Childs, of Floral Park, will have a grand exhibition of gladioli at the Eden Musee August 15 to 21. The Musee has been the scene of many a floricultural display and this will be made as extensive and popular as any. The exhibition is practically free, as no advance in prices has been made by the management.

F. H. Traendly and Mrs. Traendly will leave for St. Louis a week in advance of the New York contingent and devote some days to sight-seeing at the Fair.

Mrs. Weigert, wife of M. Weigert, of 709 Ninth avenue, died on Thursday of last week after an operation for appendicitis. The deceased had several relatives connected with the florists' business in New York and many handsome designs in flowers were sent to the funeral.

Jas. McManus reports a steady daily demand for orchids and is handling at present sixteen popular varieties, some especially fine sprays of Oncidium varicosum among them, commanding top figures. Prices range from 15 cents to 75 cents.

Frank Good, with Jos. Fenrich, has returned from Boston, where he attended the funeral of his mother on Thursday. His friends extend their sympathy.

Very many of the florists this season have adopted the commendable and sensible plan of locating at resorts within easy distance of New York, coming in daily to the demands of business and breathing the ozone of the mountains or reveling in the enjoyments of surf bathing in the afternoons and evenings.

John J. Gunther and family are at Rockaway and W. J. Gunther and family find Seagirt, N. J., convenient and healthful, with Barnegat in hailing distance.

Alex. Guttman and family are back from a month's holiday in Freeport. On his return from the St. Louis convention he will build an extension to his store, largely increasing his shipping facilities.

Phil. Ditzenberger, of Ghormley's, and wife have returned from a two weeks' visit to Palm Beach, Fla., where an average of 100 degrees in the shade temperature makes New York seem as cool as the promised land.

Wm. Ghormley was in the city on Saturday, the first time since his serious and prolonged illness. He is now convalescing rapidly and will be ready for the usual strenuous labors of the fall. This house is handling some superb asters and there are fine Liberties and Beauties from "up state" this week at Young & Nugent's.

S. S. Butterfield, vice-president of the New York Florists' Club, is enjoying his two weeks' recuperation at his old home in Jamestown, N. Y.

Miss Anna Chapman, bookkeeper for A. H. Langjahr, at Twenty-eighth street, will leave on Saturday for her yearly holiday at Ocean Grove, N. J., where she will take part in the great musical festival.

Mr. O'Mara is anxious that all who intend to go to the St. Louis convention with the New York delegation notify him at once, as any further delay will make proper arrangements for the comfort of the company difficult.

J. Austin Shaw.

Ashland, O.—R. H. Gwinner, the attorney, has established a business growing vegetable plants and is working into plants and cut flowers.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

NURSERIES in western New York are finding this a much better growing season than that of 1903.

W. F. HEIKES is spending the summer at St. Louis and is one of the judges on fruits at the exposition.

THE Chicago Tree Planting Society proposes to hold a conference in the autumn on the subject of tree planting in the city.

THE Aurora Nursery Co., Aurora, Ill., will shortly put up a good sized range of greenhouses. John Brick is propagator there.

THE Forest Nursery and Seed Company, Irving College, Tenn., is successor to J. H. H. Boyd, of Gage, and Perry Bros., of Irving College.

THE nurseryman who doesn't grow peonies is omitting a profitable item. The best sorts are no more expensive to grow than common stuff.

A NEW enterprise is the Millsdale Nursery, of Greenville, S. C. The capital is $5,000 and the officers are C. H. Croskeys, president; M. L. Berry, vice-president, and J. N. Holland, secretary.

ONE of the best trees for city use is the rapid-growing ailanthus, or tree of heaven, although there are those who say its flowers smell like the other place. However, the odor of the bloom on the seed bearing form is not offensive and it thrives in poor soils and under conditions which few trees will endure.

LE GRANDE, ORE.—C. Plant, of the Le Grande Nurseries, has a new and distinct variety of box elder which from its color he calls the blue box elder. It grows rapidly, very straight and the bark, which is very smooth, is a decided blue. The leaves are very large. The variety, growing near the ordinary type, never fails to attract the attention of visitors.

THRIPS ON SMILAX.

We are troubled to death with a little black bug which destroys our smilax. Will someone kindly tell us what it is and how to get rid of it? S. F. C.

The little black bug referred to in this query is probably thrips, an insect that is capable of doing great damage to a smilax bed in a very short time unless measures are taken for its extermination, and one that spreads very rapidly during warm weather. The most effective remedy for this insect is found in the fumes of nicotine, this being applied either by vaporizing some one of the nicotine solutions in the house in question, or by fumigating with Aphis Punk, the latter being the easiest and most convenient method of applying the nicotine. Thrips may be overcome by several fumigations with tobacco stems or snuff, but strong tobacco smoke is likely to scorch the tender tips of the smilax, whereas the Aphis Punk is not liable to harm the plants. I would use six rolls of the punk to a house 20x100 feet and repeat the dose two or three times on successive evenings if the weather was favorable. Such a quantity of this preparation will not harm Boston ferns, so it is not probable that it will do any injury to the smilax. The first application of the punk will cause a number of the insects to drop to the ground, and unless they are followed up with successive doses they will soon crawl up and resume business at the old stand.

W. H. TAPLIN.

THE YOUNGEST FLORIST.

We desire to ask a question through the REVIEW: What is the age of the youngest florist in the craft? We refer to those owning and managing a business, not to employes.

H. & C.

Perhaps some reader may be able to give light on this point but there are so many young men engaged in the business that it is impossible to state without fear of contradiction who is the youngest; indeed, the youngest today might not be the youngest tomorrow for, despite the cry so often raised that our trade is not attractive to those just embarking on the sea of business, yet ours is rapidly becoming a young man's craft. Competition is becoming as keen in our line as in any other, with the result that the successful ones are required to lead what would be called a strenuous life in comparison to that of many a successful florist of even a decade ago. However we regret their passing, and we shall never cease to revere the many grand old men of our profession, still it is to the young men we look to do the hustling.

While it is not intended to cite the following as the youngest men in the trade, still the conspicuous successes which they have achieved warrants note of Leo Niessen, of Philadelphia, as an example of the young man in the commission business and of the Wittbolds, in Chicago, combining plant growing, wholesaling and retailing. It is true that the latter, the brothers all young men, built on the foundation which their father was years in laying and still have the benefit of the advice of that fine old plantsman, but the results of their youthful enthusiasm have been none the less apparent for all that. Ages are like white folks according to the darkie, "mighty onsartin," but we know of no younger wholesale cut flower dealer than Mr. Niessen, not yet 27, certainly there is no one of his years who has been so long handling cut flowers on commission, for he began in a small way in 1895, and few who have been more steadily successful. Peter Weiland, of New Castle and Cincinnati, just turned 27, has 100,000 feet of glass and is well pleased with his start in the wholesale way.

We shall be pleased to hear of other young men of the trade.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

PRIVET.

Extra strong, bushy, 2½ to 3½ ft.,	$25.00 per 1000
Strong, 2 to 2½ ft.	20.00 "
1000 Coreopsis, strong clumps	4.00 per 100
Achillea The Pearl, strong clumps	6.00 "
Gaillardia Grandiflora, clumps	5.00 "
Golden Glow, strong clumps	2.50 "
Helianthus Maximiliani	2.50 "
Roseum	3.00 "

CASH WITH ORDERS.

W. G. EISELE, West End, N. J.

Box 100.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

A finely illustrated, complete

Paeony Manual

Now in press

The only one in the English language. Price 30c in stamps.

C. S. HARRISON, YORK, NEB.

Mention The Review when you write.

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.

Ask for prices. Catalogue free on demand. No agents.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

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W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

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VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ALWAYS AT YOUR SERVICE

With supplies of the best stock the market affords at this season of the year. Your orders will receive as careful attention as ever.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Asters	.75 to 1.50
Valley	2.00 to 4.00
Gladioli	per doz., 35c to 75c
Sweet Peas	.25 to .40
Auratum lilies	doz., $1.50
Longiflorums	doz., $1.50
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 4.00
Ferns	per 1000, $1.00 .15
Galax	per 1000, $1.25 .15
Adiantum	.60 to .75
Smilax	per doz., $1.25 8.00

Subject to change without notice.

PHILADELPHIA.

The Market.

Asters, carnations and valley are the principal cut flowers of the week, outside of roses. There are a good many sales of these flowers, chiefly in small lots. None of them are really plentiful. This is particularly true of valley, which is scarce at times. Carnations have been re-enforced by Mrs. Fisher from the field, very short in stem, as a rule, but very welcome. Gladioli are plentiful but they are not easy to sell in any quantity. It is getting too hot for sweet peas.

The Florists' Club.

David Rust presided over a well attended meeting of the Florists' Club on Tuesday evening. The Conard & Jones Co., West Grove, Pa., showed seven varieties of improved cannas, and Antoine Wintzer, who has made a special study of canna hybridization for the past decade, gave an interesting address on what has been accomplished, showing that America is outstripping France in this work. John A. Shellem exhibited four vases of beautiful hardy phlox.

After a lively debate the club reversed its action of last May and decided to put a representative bowling team in the field at St. Louis. A new series of games will be started at once.

The committee on transportation has arranged that the members take the 8:25 p. m. train from Broad street station on Sunday, August 14, reaching St. Louis at 9:40 p. m. Monday. The excursion ticket costs $24.75, sleeping car berths extra. Refreshments will be served in the train under the supervision of John Westcott. You know what that means. Members who have not already sent in their names to President John Westcott, Ridge and Lehigh avenues, should do so at once to enable the committee to arrange for all who are going.

Flower Market.

The following notice has been sent out:

To the stockholders of the Philadelphia Wholesale Flower Market: By the authority vested in me by the constitution and by-laws of the Philadelphia Wholesale Flower Market, I deem it my duty to call a special meeting of the stockholders of above company for Friday, August 12, 1904, at 2 p. m., to take action concerning the future of the Flower Market and consider the advisability of changing quarters, as we have an opportunity of disposing of our lease, which does not expire until July, 1906.

WM. K. HARRIS, President.

This meeting is important and every stockholder is urged to be present.

A Visitor.

Last Saturday Arthur Cowee, of Meadowvale Farm, Berlin, N. Y., visited Philadelphia. Mr. Cowee has made a specialty of gladioli. Some of his figures show what wonderful progress he has made with his specialty. This year he has 100 acres planted in gladioli and expects to increase last year's harvest of 10,000 bushels of bulbs to 16,000 bushels. He is now cutting from his early planted bulbs. When in full crop 40,000 spikes of flowers daily will, he thinks, be a fair estimate of the cut. Mr. Cowee has a large number of gladioli planted out at the St. Louis Fair. This planting furnishes the flowers for a show table, which is kept in good condition by replacing the faded flowers with fresh ones.

Various Notes.

Godfrey Aschmann is rebuilding two greenhouses on his place at 1012 Ontario street.

The Henry F. Michell Co. are greatly pleased with the high quality of their Lilium Harrisii now arriving. The bulbs are plump, sound and of the deep rich yellow color so dear to the heart of the expert bulb grower. Of 100 cases received in one shipment, eighty-eight went out the next day.

Herbert G. Tull, of the firm of Henry A. Dreer, is spending his vacation at his boyhood's home in North Carolina.

W. J. Sherry, with Johnson & Stokes, is spending ten days of his vacation among the seed growers near Toronto, Canada.

Henry C. Geiger, of the Floral Exchange, is at Mt. Pocono.

Frank S. Jackson, manager of the Thornhedge Greenhouses, has a fine lot of Adiantum Farleyense.

Carl Jurgens, of Newport, R. I., continues sending good shipments of fine Kaiserins and Beauties to Leo Niessen. Over one-third of the latter have stems of thirty inches in length.

Charles E. Meehan has just brought his family home from Ocean City, N. J.

Fred J. Michell is going to the St. Louis convention.

Samuel S. Pennock paid a flying visit to Westerly, R. I., home of the carnation, this week.

The corporations find that Edward Reid, with all his geniality and humor, is not a man to be trifled with. He knows his rights and cannot be jollied out of them.

Theodore Edwards, of Bridgeton, N. J., is sending fine valley to William J. Baker.

John Burton is sending some fine Liberties from second-year plants to the Flower Market.

Frank Hastings, of F. & H. Mergenthaler, is carrying nice Kaiserins and Maids.

M. Rice & Co. have put a fine new wagon on the street; this makes two.

Wm. Muth, with C. F. Edgar & Co., is back from his vacation, full of life and spirits, ready for the coming campaign.

Berger Bros. are laying plans to be pushed with a will next fall.

Edward Towill, of Roslyn, should be heard from with Liberties next season.

H. Bayersdorfer returned last Tuesday, well and hearty. He promises some grand novelties for the convention.

Robert H. Class and wife have returned from Atlantic City.

Rural Notes.

The boss was away and the truck patch hot, so Phil McLean and Willie Knox went to the phone. Phil called up his girl at the store and introduced Willie to her and then to her sister, and they all agreed to get "I scream" that evening. The boys were for soda. They knew it was less expensive and said it was more refined, but the girls wouldn't agree. A pretty girl does look prettier sucking soda through a straw than licking "I scream" off a paper.

Willie Robinson got another job and lost it same day. It was so hot pulling weeds in the rose house that he told the boss he felt sick and wanted to go to the doctor. The boss looked thoughtfully at the little bottle of earth worms that was bulging out of Willie's pocket and said to go by way of the creek and not to hurry. PHIL.

The REVIEW has been of great benefit to us.—W. H. NEWMAN, Akron, N. Y.

PACIFIC COAST.

Santa Cruz, Cal.—A. Mitting, of the California Carnation Co., Loomis, Cal., is here with his family for the summer, and all are greatly enjoying the sea breezes.

SHIPPING HOLLY.

Will some one who has had experience in shipping holly kindly illuminate our darkness? Holly grows extremely well in the neighborhood of Victoria, B. C. Every Christmas large quantities are shipped to San Francisco and other Pacific coast points. The holly is packed in barrels and covered with an old sack tacked on. We pack twenty-five to thirty pounds in a barrel, according to the amount of berries. Last Christmas we had an unpleasant experience. Of four barrels cut from the same tree, on the same day, two had lost every leaf on arrival at San Francisco. The journey takes about three days by steamer. In another shipment of nine barrels two more were spoiled from the same cause. The consignee wrote us that "fully half the holly arriving in San Francisco last Christmas was a total loss." Of four barrels sent to Seattle, only six hours by boat, two also were spoiled. This is the first mishap we have had in four years and we are completely puzzled. Most of the holly was cut and packed wet, but this should not have any effect on the leaves, as it is generally raining about that time and we always have to cut and ship in that state. We always ship as soon as possible after cutting. We have taken the matter up with the steamship companies but they can throw no light on the subject, neither can the consignees. Any suggestions will be thankfully received.

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The season just ended showed more than ever that we have a much greater demand for fancy stock of almost all kinds than we are producing. New houses and new soil have a marked habit of well satisfying the grower, both as to quantity and quality, but after the third year it is a much more difficult proposition to cut the same quantity of fancy stock, even with far more attention to detail, and it is a fact that many growers do not bring into market the goods that at one time gave them the reputation of handling only first-class stock. Nature has been so lavish with her natural gifts to Californians that the ordinary flower grower in time gets careless and he spends too little of his time in reglazing, whitewashing and fumigating and too much in kicking about the prices his products bring.

Growers do not specialize enough. I have met many during my years of experience and observation who seemed to have a peculiar ability to handle certain kinds of stock. Whether it was that their houses or their situations were particularly suited to that special kind of rose or carnation, or whether the grower had the knack of handling the article right, it is not always possible to tell; generally it is a happy combination of all three conditions, I suppose. I have known many growers who come under this head, who, not being satisfied with a handsome return for their outlay of time and trouble, have branched out into a general line of greenhouse stock, with the result that they passed over to the list of "has beens."

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SAN FRANCISCO.

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Various Notes.

A visit to the greenhouses of John H.

100,000 Calla Bulbs

READY TO SHIP

1-inch diameter.....per 1000, $25.00
1½-inch diameter..... " 35.00
2-inch diameter.....per 1000, $45.00
2½-inch diameter..... " 65.00
3-inch diameter.....per 1000, $95.00

ASPARAGUS PLUMOSUS NANUS—Strong, 2-inch.....per 1000, $20.00
CARNATIONS—Field-grown, now ready—G. H. Crane, Success, America.... " 30.00
New Crop Giant Mixed PANSY SEED.....¼ oz., $1.00: 1 oz., 4.00
New Crop Improved SHASTA DAISY SEED....trade pkt., 25c; 1 oz., 5.00; 1 lb., 50.00

250 plants or bulbs at 1000 rate. Charges prepaid to your city. Terms cash with order.

CALIFORNIA CARNATION CO., LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ASPARAGUS PLUMOSUS NANUS.

From flats, $1.75 per 100; $15.00 per 1000
Strong 2-in. plants, 2.00 " 20.00 "

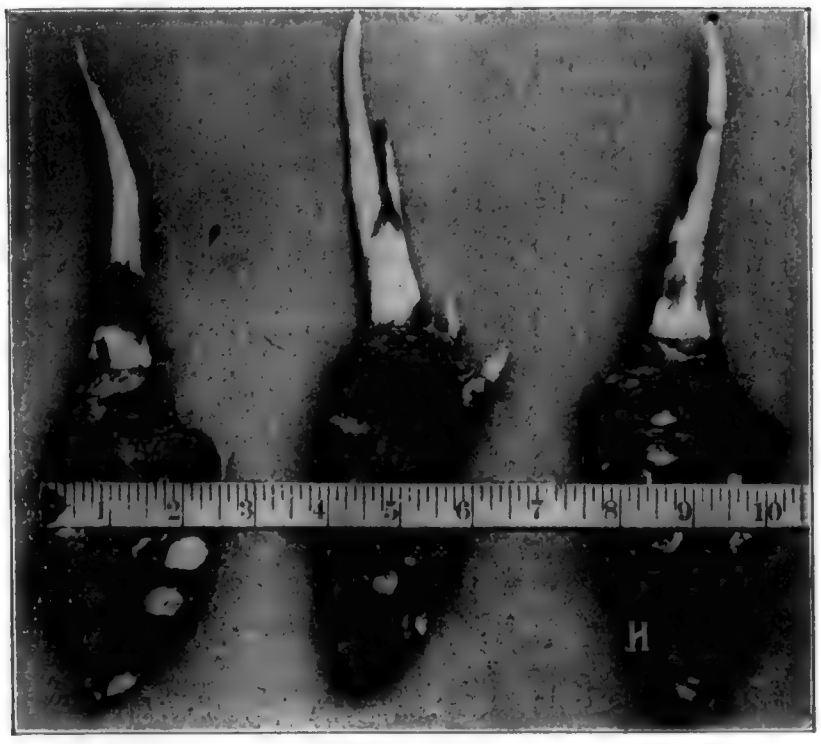
New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

Mention The Review when you write.

Lilium Harrisii Bulbs



NOW READY!

Carefully selected and guaranteed 85 per cent. true stock.

Size.	Per 100	Per 1000
5 to 7	$4.00	$32.50
7 to 9	8.00	78.00
9 to 11	16.00	155.00

FREESIA REFRACTA ALBA

True Bermuda Grown.

3/8-in. and up, per 100, **75c**; per 1000, **$5.00**
5/8-in. and up, per 100, **90c**; per 1000, **7.50**

CALLAS--Now Ready

Best Northern Grown California CALLAS, Sound Bulbs.

	Per 100	Per 1000
1¼ to 1½-inch diameter,	$4.00	$37.50
1½ to 2 -inch diameter,	6.00	55.00
2 to 2½-inch diameter,	9.00	85.00

E. H. HUNT, WHOLESALE FLORIST, 76-78 Wabash Ave. **CHICAGO**

Sievers & Co. shows everything wearing a prosperous appearance. Three large carnation houses have just been planted and two more will be ready in a few weeks to fill with young stock. This firm propagates its own stock and it all looks healthy and vigorous. One house is devoted to double tuberous rooted begonias and the show at present is well worth a visit. It is probably the largest and finest assortment in California. Several houses are devoted to palms and ferns, and two to orchids. Adiantum Williamsi is grown here in large quantities as well as a general stock of other ferns and house plants. The kentias are the largest ever shown here and everything is brought up to the highest point of cultivation.

Henry Peyton has leased a portion of the ground formerly used for bulb growing by W. W. Saunders, at Golden Gate. He will devote the place to the culture of freesias, narcissi and callas.

E. Gill, of West Berkeley, has commenced budding roses. He has thirty-five acres of young stock for the coming year, devoted entirely to roses. About a half million plants are growing in this division of his nurseries.

J. H. Gilmore, formerly of Menlo Park and Elmhurst, is at present with the Whittlesey Floral Gardens of Los Angeles.

F. Ludemann, of the Pacific Nursery, is digging many thousands of callas at present, for which he reports a good demand, and also shipping large quantities of young araucarias to various eastern points.

The engagement is announced by Chas. P. Braslan, the well-known seed grower, of his daughter, Miss Virginia E. Braslan, to John E. Calhoun of Minneapolis, Minn. The wedding will take place this coming fall. G.

"Russians Seizing Boats Leaving Japan"

Supposing your Longiflorums were held up, or the War might cause a delay, then you might be late with them for next Easter; therefore, buy some now of our fine plump and sound Harrisii. Case of 200—7-9, $17.00; Case of 100—9-11, $17.50, packed in cocoa fibre.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

FUEL OIL.

I am in a locality where soft coal smoke is very offensive to the neighbors. I have a brick arched, return flue tubular boiler, and would like to hear from some one who has had experience with fuel oil, as to how effective it is and how the cost compares with soft coal at $2.60 per ton. W. F. J.

During the coal famine of the winter of 1902-03 some factories as well as florists experimented with oil as fuel. So far as I have been able to learn none of these experiments proved a success from a financial standpoint. No very successful nozzles have as yet been designed to work under low pressure steam or hot water boilers. The best that has been done with Texas oil or crude Pennsylvania oil in the Atlantic coast states has made the cost of heat equivalent to coal at about $20 per ton. L. C. C.

CANON CITY, COLO.—E. R. Bess is successor to Thompson & McRay, of the Gate City Conservatories.

PHILADELPHIA, PA.—Robert Sinclair building a greenhouse 14x60 on Bustleton pike, south of Cottman street.

PUEBLO, COLO.—The park board is building two greenhouses, each 16x100, and an office 20x36 in Mineral Palace park.

MADISON, N. J.—The Morris County Gardeners' and Florists' Society will hold its ninth annual show October 27 and 28. A schedule has been issued, copies of which may be had by addressing the secretary, S. Redstone.

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Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ASPARAGUS PLUMOSUS NANUS.

From flats, $1.75 per 100; $15.00 per 1000
Strong 2-in. plants, 2.00 " 20.00 "

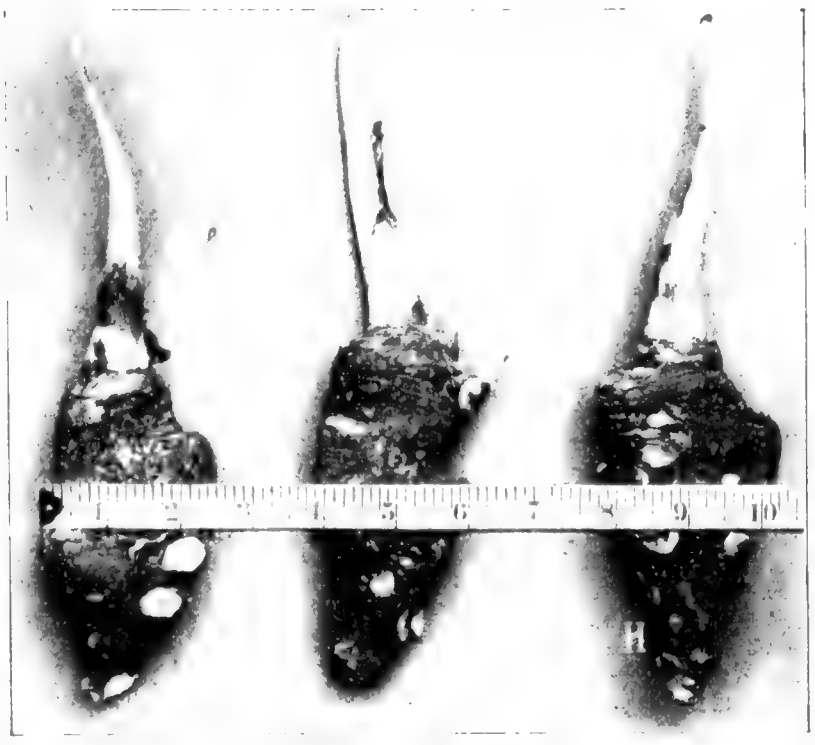
New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

Mention The Review when you write.

Lilium Harrisii Bulbs



NOW READY!

Carefully selected and guaranteed 85 per cent. true stock.

Size.	Per 100	Per 1000
5 to 7	$4.00	$32.50
7 to 9	8.00	78.00
9 to 11	16.00	155.00

FREESIA REFRACTA ALBA

True Bermuda Grown.

⅜-in. and up, per 100, **75c;** per 1000, **$5.00**
⅝-in. and up, per 100, **90c;** per 1000, **7.50**

CALLAS--Now Ready

Best Northern Grown California CALLAS, Sound Bulbs.

	Per 100	Per 1000
1¼ to 1½-inch diameter,	$4.00	$37.50
1½ to 2 -inch diameter,	6.00	55.00
2 to 2½-inch diameter,	9.00	85.00

E. H. HUNT, WHOLESALE FLORIST, 76-78 Wabash Ave. **CHICAGO**

Sievers & Co. shows everything wearing a prosperous appearance. Three large carnation houses have just been planted and two more will be ready in a few weeks to fill with young stock. This firm propagates its own stock and it all looks healthy and vigorous. One house is devoted to double tuberous rooted begonias and the show at present is well worth a visit. It is probably the largest and finest assortment in California. Several houses are devoted to palms and ferns, and two to orchids. Adiantum Williamsi is grown here in large quantities as well as a general stock of other ferns and house plants. The kentias are the largest ever shown here and everything is brought up to the highest point of cultivation.

Henry Peyton has leased a portion of the ground formerly used for bulb growing by W. W. Saunders, at Golden Gate. He will devote the place to the culture of freesias, narcissi and callas.

E. Gill, of West Berkeley, has commenced budding roses. He has thirty-five acres of young stock for the coming year, devoted entirely to roses. About a half million plants are growing in this division of his nurseries.

J. H. Gilmore, formerly of Menlo Park and Elmhurst, is at present with the Whittlesey Floral Gardens of Los Angeles.

F. Ludemann, of the Pacific Nursery, is digging many thousands of callas at present, for which he reports a good demand, and also shipping large quantities of young araucarias to various eastern points.

The engagement is announced by Chas. P. Braslan, the well-known seed grower, of his daughter, Miss Virginia E. Braslan, to John E. Calhoun of Minneapolis, Minn. The wedding will take place this coming fall. G.

"Russians Seizing Boats Leaving Japan"

Supposing your Longiflorums were held up, or the **War might cause a delay,** then you might be late with them for next Easter; therefore, buy some now of our fine plump and sound Harrisii. Case of 200—7 9, $17.00; Case of 100—9 11, $17.50, packed in cocoa fibre.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

FUEL OIL.

I am in a locality where soft coal smoke is very offensive to the neighbors. I have a brick arched, return flue tubular boiler, and would like to hear from some one who has had experience with fuel oil, as to how effective it is and how the cost compares with soft coal at $2.60 per ton.

W. F. J.

During the coal famine of the winter of 1902-03 some factories as well as florists experimented with oil as fuel. So far as I have been able to learn none of these experiments proved a success from a financial standpoint. No very successful nozzles have as yet been designed to work under low pressure steam or hot water boilers. The best that has been done with Texas oil or crude Pennsylvania oil in the Atlantic coast states has made the cost of heat equivalent to coal at about $20 per ton. L. C. C.

CANON CITY, COLO. E. R. Bess is successor to Thompson & McRay, of the Cañon City Conservatories.

PHILADELPHIA, PA.—Robert Sinclair building a greenhouse 14x60 on Bustleton pike, south of Cottman street.

PUEBLO, COLO. The park board is building two greenhouses, each 16x100, and an office 20x36 in Mineral Palace park.

MADISON, N. J.—The Morris County Gardeners' and Florists' Society will hold its ninth annual show October 27 and 28. A schedule has been issued, copies of which may be had by addressing the secretary, S. Redstone.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE first shipments of French bulbs are on the water.

L. W. BOWEN, of Ferry & Co., Detroit, has returned from his European trip.

THERE is no more than the usual supply of callas 1½-inch and up; plenty of small bulbs.

VISITED CHICAGO:—L. L. May and Mrs. May, St. Paul, en route to Toronto; A. M. McKenzie, Brandon, Manitoba.

MITCHELLHILL & CO., seed merchants at St. Joseph, Mo., announce a change in the title of the firm. It is now Mitchellhill Bros.

A SCARCITY of spinach seed for fall planting is in prospect, with the coming crop reported very short at foreign sources of supply.

G. A. JOOSTEN, a nephew of the late C. H. Joosten, will continue the business for the widow. He has long been associated with the house.

FRANK E. RUE, manager of Murray's Seed Store, Peoria, Ill., has just returned from a tour of crop inspection in northern seed growing districts.

THE French syndicate is reported to be laying down in New York, duty paid, comparatively small lots of Paper Whites 13 ctms., at 25 francs per thousand.

SEVERAL of the French stocks of radish seed so much in demand by seedsmen who supply market gardeners are reported very short, in some cases total failures.

CHARLES P. BRASLAN, San Jose, Cal., announces the engagement of his daughter, Miss Virginia E., to John E. Calhoun, of Minneapolis. The wedding will take place in the fall.

FROM Ollioules come reports of a shortage of Paper White grandiflora bulbs thirteen centimeters and up, due to dry weather. The crop of French Romans, being generally planted on the best land, is moderately good.

THE J. M. McCullough's Sons Co., Cincinnati, has been incorporated with $250,000 authorized capital stock by Albert McCullough, H. B. McCullough, G. H. Parvin, E. E. Lester and D. Carmichael.

ADVICES from Kentucky are that the blue grass seed crop is one of the largest ever harvested. The crop of the whole blue grass region is usually about 500,000 bushels. Good judges estimate the crop this year at 800,000 to 1,000,000 bushels. The seed is full and heavy, and having been gathered under favorable conditions, is in fine shape for storage.

THE Wm. S. Gilbreath Seed Co. has been incorporated at Indianapolis. The capital stock is $10,000, and the incorporators are Wm. S. Gilbreath, Minnie S. Gilbreath and Wm. P. Herod. The Indiana Seed Warehouse & Storage Co. has also been incorporated with capital stock of $10,000 by Wm. S. Gilbreath, Minnie S. Gilbreath and Paul Fiegel.

THE week's reports from the pea fields of Michigan and Wisconsin are quite discouraging. Rain in some sections has helped the Michigan bean crop, but the outlook is far from satisfactory. Nothing definite has been reported from New York sections. Reports from Canada, however, are about in line with those from Michigan and Wisconsin.

H. SCULTHORP & SONS, of Port Hope, Ont., write: "It is very regretable for us to have to report that the pea crop in this district has suffered much more than we calculated when last writing. All dwarf peas are bedded in weeds and many farmers declare the crop will not pay for harvesting. Medium strawed sorts are badly blighted in sections. Peas on low, heavy soil are a total failure in many sections. The bulk of the earlies are harvested but do not know of any being thrashed. Later sorts are ripening too fast. The season has been too wet for beans. Hay was a heavy crop. Winter wheat will not average over ten bushels per acre; the kernel is small. Barley is a fair crop but badly colored. Oats are looking favorable. Alsike is well filled but there is too much straw, green heads and weeds for good quality seed."

CUSTOMS DECISIONS.

There have been a number of cases before the United States Board of Appraisers recently in which the seedsman making the appeal has lost because of failure to conform to some of the requirements of the law. It is not sufficient, in an appeal from the collector to the Board of Appraisers, to set up that duty was wrongfully assessed, it must be shown under what paragraph of the tariff act the goods in question should come, and this must be supported by evidence. The following is the decision on an appeal brought by W. Atlee, Burpee & Co.:

The merchandise in question consists of pepper, wormwood, celeriac, dandelion, sage, and parsley seeds, all of which were classified under paragraph 254 of the tariff act of 1897, which imposes a duty of thirty per cent ad valorem on "seeds of all kinds, not specially provided for." They are claimed to be free under the provision in paragraph 548 of the act which relieves from duty "seeds aromatic * * * which are drugs and not edible," etc.

With respect to the parsley seeds this claim must be sustained in view of Board decision G. A. 5272. The case has been submitted without evidence, the protestants merely citing the United States Dispensatory as supporting their contention. Pepper, wormwood, celeriac, dandelion, and sage are all mentioned in that authority as having medicinal properties and uses, but there appears to be no specific reference to the seeds of those plants as having such qualities. It is plainly incumbent upon the protestants to show by a fair preponderance of the evidence that the seeds in question are inedible within the meaning of paragraph 548 and are used as drugs. They have failed in this, and whatever may be the true state of facts, the rule of law which makes the collector's action presumptively correct must govern our action with regard to all of the seeds in question except the parsley seeds.

The protest is sustained as to the parsley seeds and overruled as to all other merchandise. The collector's decision is reversed to the extent indicated and affirmed in all other respects.

Paper Whites

A consignment coming direct from France. The size of bulbs are 13 cms. and over, and are duty free, New York City. **Paper Whites, $7.50 per 1000; Grandiflora, $9.50 per 1000. PERRET'S PANSY SEED,** this year's seed, oz. $4.00; ¼ oz. $2.50; pkt., $1.00; ⅛ pkt., 50c.

HUBERT CO., Ltd., N. Le Page, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

For SALE

I wish to dispose of my interest in the St. Louis Seed Company. They are doing the largest retail trade in St. Louis and there is no other mail-order house here. This is a fine opportunity for some one. For further particulars address

FRED. S. PLANT,
814 N. 4th Street, ST. LOUIS, MO.

Pansy Seed.

A distinct and most beautiful race, which for size of blooms, diversity of colors and robust growth is unrivalled. The flowers are much larger than the ordinary pansies, whilst the form, colors and markings are what a celebrated French grower terms "quite remarkable."

THE FINEST STRAIN IN CULTIVATION.

Far superior to any other English, French or German selections.

Price $4.00 per oz. $1.00 per pkt. Postage paid. Dollar notes accepted in payment.

The Surrey Seed Co., Ltd.,
REDHILL, ENGLAND.

Mention The Review when you write.

Michell's Mignonette

Our Strain is the Original Allen's Defiance Mignonette celebrated all over the Country for its magnificent Spikes of bloom. We offer this grand seed in original packages direct from the grower. **Half size, 50c each; full size, $1.00 each.**

Henry F. Michell Co., 1018 Market St., **Philadelphia**

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

FLORISTS' FLOWER SEEDS for Present Planting.

MIGNONETTE—DEFIANCE, packet 2000 seeds, $1.00; ½ pkt., 50c.

STOCK—S. & W. CO.'S IMP. GIANT PERFECTION, pkt., 25c; ¼ oz., $1.50; per oz., $5.00. STOCK—BEAUTY OF NICE, pkt., 25c; 5 pkts., $1.00. PANSY—NON PLUS ULTRA, pkt., 25c; ¼ oz., $1.50; per oz., $5.00.

For other seed, etc., send for catalogue. **STUMPP & WALTER CO., 50 BARCLAY ST., NEW YORK.**

Mention The Review when you write.

Thorburn's Bulbs

OUR WHOLESALE
TRADE PRICE-LIST
OF
HIGH CLASS BULBS
AND
CHOICE FLOWER SEEDS
FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

READY
FREESIA BULBS

True Bermuda grown, pure white. Selected, per 100, 80c; 1000, $7.50. Samples mailed free.

CALIFORNIA CALLAS, all sizes.

ARRIVING SOON
ALL FRENCH BULBS.

Quotations on application.

E. F. Winterson Co. { E. F. Winterson, John P. Degnan, L. H. Winterson
45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

CHRISTMAS Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price, per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,
The Originator, GRAND VIEW, N. J.
POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

NEW CROP....POPULAR PANSIES

From the most reliable FRENCH, ENGLISH and GERMAN GROWERS.

	Per 3000 seeds.	Per oz.
Azure Blue	25c	$ .75
Bugnot's Giant Blotched	50c	4.00
Belgian Striped	25c	.80
Bronze varieties, very rich	25c	.80
Cassier's Giant Blotched	50c	4.00
Emperor William, ultramarine blue	25c	.75
Fire Dragon, orange and bronze	25c	.80
Havana Brown	25c	.75
Lord Beaconsfield, deep purple violet	25c	.80
Mahogany Colored	25c	.80
Meteor, bright yellow and brown	25c	.80
Peacock, ultramarine blue, claret and white	30c	1.00
Prince Bismarck, golden bronze	25c	.75
Rainbow or Pheasant's Eye (quadricolor	25c	.85

	Per 3000 seeds.	Per oz.
Snow Queen (Candidissima) satiny white	25c	$ .75
White with Dark Eye	25c	.75
Yellow with Dark Eye	25c	.80
Pure Yellow	25c	.75
Improved Giant Trimardeau, mixed	25c	1.00
" " separate colors	30c	1.25
Splendid Mixed German	25c	.75
Giant Mme. Perret (grown by Lucien Perret, the introducer)	50c	4.00

JOHNSON & STOKES' KINGLY COLLECTION PANSIES, unquestionably the finest strain of Giant Pansies now offered to the trade.

1000 seeds ...30c. 2000 seeds....50c.
5000 seeds...$1.00. Per ounce..$5.00.

Now Ready. FREESIA REFRACTA ALBA

BERMUDA GROWN — LARGE BULBS — SUPERIOR QUALITY
15c per dozen. 90c per 100. $7.50 per 1000.

Write for prices on PAPER WHITE GRANDIFLORA NARCISSUS, WHITE ROMANS, DUTCH HYACINTHS, TULIPS and **Fresh Mushroom Spawn.**

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

ATTENTION! Orchid Growers

Just received direct from the Tropics
ONCIDIUM VARICOSUM ROGERSII
Strong imported plants, $1.75 each; $18.00 per doz.; $125 per 100.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 342 W. 14th St., **NEW YORK.**

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

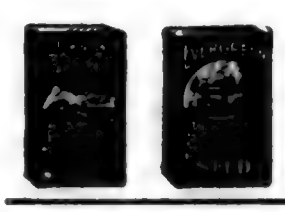
5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Lawn Grass Seed in bulk and packages



Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1 50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,
1409 W. Madison St., CHICAGO.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

ASTERS.

In perusing the seedmen's catalogues one is bewildered as to what varieties to select, for they are legion, but I have at various times grown some of the American forms, and one that stands out as the grandest of all is Semple's Marvel. Sent out as a white only some few years since, it has become one of the foremost asters in the States, and now that various colors are obtainable it yields to none. Coming in later than the Comets it is of great value, as it escapes the terrible beetle that worries American growers. I still favor the white, for its huge blooms simply breathe defiance to the early chrysanthemum. Vigorous in growth, with flowers four or five inches across on twenty-inch stems, it is a wonder for cutting, and lasts for weeks. The outer florets are slightly reflexed and seem to suggest an improvement on the Victoria type. The white is not so pure as in the Giant White Comet raised by Mr. Sproule, but it is a marvelous aster, and I feel sure that the market men who are trying it this season will find it a most valuable sort.—T. W. in Gardeners' Magazine.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Young men who have had experience in growing roses or carnations. W. K. Partridge, Station R, Cincinnati, O.

BUSINESS CHANCE—For a good man acquainted with the grain and seed business, in a well established seed business in the west; some capital required; must be well up in bookkeeping. A chance of a lifetime for the right man. Write, giving ability, means and references. Address No. 195, care Florists' Review, Chicago.

TO LEASE—For one to five years, at a bargain, 5000 feet of glass; established trade; in a good town of about 5000; no competition. Jas. R. Johnston, Agent, Dunkirk, Ind.

WANTED—Please send catalogues and price lists, formerly sent to John Wild, Swarthmore Greenhouses, after this to my new address, John Wild, Grand Haven, Mich. Route 1.

SITUATION WANTED—By florist; 25 years of age; can grow good roses and carnations, palms, ferns, orchids and general stock; successful propagator and rose grafter; have life experience and want full charge. E. Bahnke, 900 63rd Street, St. Louis, Mo.

WANTED—At once. A good grower of carnations, mums and all kinds of bedding plants; must be sober and reliable; $25 to $30 a month, with board, room and washing. The City Greenhouses, Newton, Iowa.

HELP WANTED—Section man for American Beauty range, also man for Tea section. Permanent positions to good men. Apply to Weiland & Risch, 59 Wabash Avenue, Chicago.

WANTED—Florist for roses, carnations and general stock; give references, experience and wages expected. Box 57, Junction City, Kan.

PARTNER WANTED—52 acres with growing crop of vegetables; a fine established business in bedding plants, pansies, ferns, etc. Wanted a partner to buy half interest and able to take charge of the business. Description will be mailed free. Ludvig Mosbaek, 8500 Anthony Avenue, South Chicago, Ill.

FOR SALE—A Royal, hot water, cast iron, six sectional heater, No. 56; will supply 2400 square feet of direct radiation. Only run two seasons and is as good as new. Free on board Osage, $175.00. W. S. Hall, Osage, Iowa.

WANTED—Storeman, in the best store in an Ohio city of 450,000; must be highly respectable and have first-class ability as salesman, designer and decorator; character must bear strictest investigation; state salary, etc. Address No. 196, care Florists' Review, Chicago.

WANTED—Day fireman who understands steam boilers, pipe fitting and general jobbing work around greenhouses; married man preferred who would board two or three single men; will find five-roomed house on the place. W. K. Partridge, Station R, Cincinnati, O.

FOR SALE—Cheap. Dwelling of six rooms; greenhouses, covering 6000 feet of glass; stable, sheds, etc. Also three lots of ground. Mrs. K. Jaeger, Fulton and Jackson Avenues, Jersey City, N. J.

FOR SALE—Four greenhouses, 8000 square feet of glass; located at Marshall, Mo., a town of 6000 inhabitants, on two railroads. 85 miles east of Kansas City. Shipping facilities good. Also dwelling house with five rooms, adjoining. Can be bought cheap. Address T. H. Harvey, Marshall, Mo.

FOR SALE—Bargain. One 15-horse power Economical boiler, in A-1 condition; new stack and fittings. If taken at once, $50.00 f.o.b. car. A. Fischer, Box 277, Risingsun, Ohio.

FOR SALE—Four greenhouses, heated by hot water, well stocked; good retail business; 4 railroads; in city of 10,000 in Indiana; fine dwelling, 7 rooms and bath; plenty of good soil; price reasonable; good reason for selling. Address No. 188, care Florists' Review, Chicago.

FOR SALE—A good thing for some live man. Six greenhouses that will average 20x50; Three acres of land; steam heat; cheap fuel; natural gas; car line passes place. Present owner in other business. Call on or address Flanders Bros., Marietta, Ohio.

SITUATION WANTED—As foreman by a first-class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 184, care Florists' Review, Chicago.

WANTED—A competent and industrious man, must be sober and steady, for vegetable houses; permanent position for right party; give references and experience. I. Shelby Crall Co., Monongahela, Pa.

FOR SALE—Or rent, greenhouses; about 7000 feet of glass. Address No. 190, care Florists' Review, Chicago.

FOR SALE—2500 ft. 1-in. pipe in good condition, as good as new, 3 cents per ft.; also four 6-pipe headers, two 10-pipe headers, four 4-pipe headers, 1-in. openings. John Bronner, Syracuse, N. Y.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouse built last year; 8000 ft.; 2½ acres ground; 50 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

FOR SALE—Weathered No. 5 boiler, in good condition; will heat 1000 feet 4-inch pipe; price, $50. Nemaha Greenhouses, Seneca, Kans.

FOR SALE—Carmody hot water boiler, in ten sections, been heating 3000 ft. of glass; also 1000 feet of 4-inch cast pipe and fittings; a bargain. Chase & Son, New London, Ohio.

SITUATION WANTED—As foreman by a first-class grower of cut flowers and plants; over 26 years' experience in leading places; capable of taking entire charge of a large plant; single; first-class references as to ability, etc. Address Foreman, 1323 Vine St., Philadelphia, Pa.

SITUATION WANTED—By a good grower of cut flowers; married; able to take charge; best of references; west or middle west. Chas. Duerr, 815 N. Wahsatch Ave., Colorado Springs, Colo.

FOR SALE—An elegant greenhouse plant, up-to date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 192, care Florists' Review, Chicago.

FOR SALE—Large greenhouse together with 40 acres of land, near Erie railroad station; shipping facilities first-class; good roads; situated at Vail's Gate, about 4 miles from Newburgh, N. Y.; sold on account of death in family. Wm. Miller, Vail's Gate, Orange Co., N. Y.

FOR SALE—Greenhouse, 2500 feet of glass; a bargain; good location; business established; owner in failing health. For particulars address S. A. Noble, El Dorado, Kans.

SITUATION WANTED—By a first-class grower to take charge of the growing end of a small place; state wages without board. Address Wm. Kirkham, 3847 State street, Chicago, Ill.

FOR SALE—8000 feet of glass, well stocked; two acres; good five-room cottage; city water; telephones; wagon and tools; can sell everything you grow; in city of 6000 in Missouri; poor health reason for selling. Address No. 185, care Florists' Review, Chicago.

FOR SALE—Greenhouse, dwelling-house, furniture, etc.; lot 110 feet square; only greenhouse in Union Co.; must sell. For particulars write Box 637, La Grande, Oregon.

WANTED—Industrious young man of good habits to look after general gardening work; one who has some knowledge of matters horticultural; wages, to start with, $15.00 per month and board, best home-like conditions; give references in first letter. Mrs. Ellen B. Crump, Nittayuma, Miss.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot. Also some 4-inch. W. H. Salter, Rochester, N.Y.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE-GLASS 8x10, $2.00 per 100; 10x14, $4.00 per 100

Also Carmody Sectional Boiler, $50.00 f. o. b.

Batavia Greenhouses, Batavia, Ill.

CHANGE OF BUSINESS.

Notice is hereby given that Joseph Heinl & Sons, a corporation, has acquired the florist, seed and nursery business conducted for the past thirty-four years by Joseph Heinl, in the precinct and city of Jacksonville, county of Morgan, and state of Illinois, and that said corporation will conduct said business at the location aforesaid.

Dated at Jacksonville, Ill., this 1st day of August, 1904.

Joseph Heinl, President.
Harry Heinl, Treasurer.
William Heinl, Secretary.
O. B. Heinl.

Having sold my business to Joseph Heinl & Sons, I take this means of thanking my friends and patrons for past favors and solicit a continuance of the same for the new company. All accounts due me are now payable, and I request payment of the same. All persons having accounts against me are requested to present the same for payment. Joseph Heinl.

FOR SALE

Anything; makes no difference what, at LOWEST PRICE. Greenhouse Hose, sample and priceon application. **Boilers** and repairs, new or second hand. **Pumps** and repairs, new or second hand. **Pipe** and fittings, new or second hand. **Packing** and **Oakum, Glass, Flower Pots, Stocks and Dies, Stillson & Trimo's Wrenches, Plant Stakes, Gal. Wire, Cane Stakes, Putty, Oil, Lead, Points,** bbl. lots or less. **Carnation Plants, field-grown,** strong stock. Coal contracted for — lowest price. Ask us for anything you need. Inquiries promptly answered and prices quoted. We are experienced buyers. Will save you money by placing your orders with us. Best reference furnished.

Mail order house.

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(NOT INC.)

Purchasing Agents and Brokers,

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A RARE OPPORTUNITY to purchase an exceedingly profitable greenhouse business at a bargain price and on easy terms.

One Greenhouse, 20 x 100 feet, frame.
One Greenhouse, 40 x 300 feet, all iron.
Filled with choicest stock grown.
Double thick glass, everything new, complete and in the best of condition.
21 acres rich soil; good orchard; all underlaid with coal.
Good 7-room house, barn, sheds, etc.
All conveniences; ¼ mile from R. R. station and right in the best flower market in the country.

GEO. F. HOFMEISTER,
Care of The Colonial Trust Co.,
PITTSBURG, PA.

SAMUEL S. PENNOCK,

Summer Roses

See our Special Offer of extra field-grown carnations on page 483

The Wholesale Florist,
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Mention The Review when you write.

ASTERS. Write for prices on **JOOST, HILL, LAWSON** and other field-grown Carnations.

EUGENE BERNHEIMER
WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.
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1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.
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Headquarters for ARAUCARIA EXCELSA of My Own Importation.

10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Cocos Weddelina—4-in., 15c.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c: 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

Asparagus Plumosus nanus—3-inch, strong, $8.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each

Piersoni Ferns—Pot-grown, 4 to 6 fronds, $8.00 per 100.

Areca Lutescens—Made-up plants, large, 5½-inch pots, 50c.

Latania Borbonica—5½-in. pots, strong, 35c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegata — Variegated grass, $1.00 per doz.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Aug. 3.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Cattleyas	50.00
Carnations, Common	.75 to 1.00
" Fancy	1.50
" Novelties	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Asters	.75 to 1.50
Lilium Auratum, doz.	1.00 to 1.50
" Harrisii, doz.	.75 to 1.00
Lily of the Valley	2.00 to 4.00
Gladioli	1.00 to 3.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50 to .75

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

WIETOR BROS.
Wholesale Florists,
51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids, per 100,	$3 00 to 6 00
Bride "	3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	3 00 to 6 00
Golden Gate	3 00 to 6 00
La France	4 00 to 6 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

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1516-18 Sansom St., Phila.
GLADIOLI AND ALL SEASONABLE FLOWERS
Open 7:30 a. m. to 6 p. m. Close Saturdays at 1 p. m.
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Everything Seasonable in CUT FLOWERS
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Store closes at 8:00 p. m. Long Distance Phone.
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12-inch pots, $6.00 each.
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ROSES High Grade cut blooms at all times
HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.
Mention The Review when you write.

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Areca Lutescens, Kentia Belmoreana and Kentia Forsteriana.
See page 33, May 26 issue, for prices.
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CHAS. D. BALL,
GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
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SHIPPING ON COMMISSION.
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
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WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
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Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, Aug. 1.

		Per 100
Beauties,	Specials	$6.00 to $20.00
"	Extra	4.00 to 6.00
"	No. 1	2.00 to 8.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Orchids, Cattleyas		40.00 to 60.00
Carnations,	Common	.25 to .50
"	Selects	.50 to 1.00
"	Fancies	1.00 to 1.50
"	Novelties	1.50 to 2.00
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri,	per bunch	6.00 to 10.00
Asters		.50 to 2.00
Dahlias		2.00 to 8.00
Gladioli		.35 to 1.00
Lilies		5.00 to 6.00
Lily of the Valley		1.00 to 2.00
Smilax		5.00 to 8.00
Stocks		5.00 to 10.00
Sweet Peas	per bunch,	.01 to .02

I FIND the REVIEW a storehouse of useful information and do not wish to miss a single issue.—W. B. LONGSTRETH, Gratiot, O.

PLEASE send the REVIEW for this year as I like it very much and will send you an adv. later.—A. J. THOMPSON, West Haven, Conn.

JOSEPH S. FENRICH
WHOLESALE FLORIST,
48 W. 30th Street, New York City.
Telephone No. 325 Madison Square.

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(Where Quality is First Consideration.)
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Geo. Saltford
WHOLESALE FLORIST,
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Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
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TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
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REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. New York
Mention The Review when you write.

National Florists' Board of Trade
NEW MANAGEMENT. Tel. Call, 655 John.
HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY
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A Daily Cut from 40 Growers.

"Highest Qualities" as well as "Under Grades" at ruling market quotations.

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Most complete line of FLORISTS' SUPPLIES in the West.

CATALOGUE FREE.

Headquarters for HARDY FERNS.

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E. F. Winterson. John P. Degnan. L. H. Winterson.
Successors to McKELLAR & WINTERSON.

45-47-49 Wabash Avenue, Chicago.

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ESTABLISHED 1873.

JOHN J. PERKINS

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115 West 30th St., NEW YORK.
Tel. No. 956 Madison Square.

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hipments daily all over the country.
Correspondence Suggested.

52 West 29th St., - NEW YORK.
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FRANK MILLANG,

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Coogan Building, 55-57 West 26th St. **NEW YORK CITY.**
Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

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Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street and 34th Street Cut Flower Market.

SPECIALTIES

GALAX LEAVES, FERNS and LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE and all kinds of EVERGREENS.

Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

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YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax,** selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, Aug. 3.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Cusin	1.00 to 4.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Meteor	1.00 to 4.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 3.00
Sunrise	1.00 to 3.00
Carnations, Common	.60 to .75
" Selects	1.00 to 1.50
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.25 to 1.50
Gladiolus	1.00 to 2.50
Lilium Auratum	8.00 to 10.00
" Speciosum	2.00 to 5.00
" Longiflorum	15.00
Lily of the Valley	2.00 to 4.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00

I WOULD rather miss a turkey dinner than miss one issue of the REVIEW.—J. E. CONNOR, Coatesville, Pa.

"MUCH information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—THOMAS CHAPMAN, Denver, Colo.

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

SMITH'S CHRYSANTHEMUM MANUAL

[BY ELMER D. SMITH.]

A Complete Practical Treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

80 PAGES, 18 ILLUSTRATIONS
TWENTY-FIVE CENTS POSTPAID

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EVERGREENS



GALAX, Bronze or Green
$1.00 per 1000.

FERNS, Fancy, **$1.50** per 1000. Dagger, **.75** "

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Between 28th and 29th Streets.
Telephone 1431 Madison Square.

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FERNS AND GALAX LEAVES.

A-No. 1 Bronze Galax Leaves.....$1.00 per 1000.
Fancy and Dagger Ferns..... 1.00 "
English Ivy Leaves..... 5.00 "
Sphagnum Moss.....60c per sack.

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Brides, Maids, Meteors, Short Beauties, and Sprengeri. Other goods later.

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Is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Chicago, Aug. 8.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $6.00	

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 5.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
La France	5.00 to 6.00
Carnations, Fancy	2.00
" Common	1.00 to 1.50
Asters	.50 to 1.50
Sweet Peas	.25 to .40
Easter Lilies	$1.50 per doz.
Auratums ..... 1.25 to 1.50	"
Gladioli.....per doz. $ .35 to $1.00	
Water Lilies	1.00
Valley	2.00 to 4.00
Asparagus Strings	40.00 to 50.00
Asparagus Sprays.....per bunch,	.35 to .50
Asparagus Sprengeri	3.00 to 4.00
Adiantum Cuneatum	.40 to .60
" Croweanum	.60 to .75
Smilax.....per doz.,	$1.25
Galax .....per 1000,	1.25
Ferns ..... "	1.00

JACKSONVILLE, ILL.—On August 1 the corporation known as Joseph Heinl & Sons took over the business conducted for thirty-four years by Joseph Heinl. Mr. Heinl retains the presidency of the company, with Wm. Heinl, secretary.

STRONG CITY, KANS.—There have been two floods here this season and all the low lands are nothing but desolation gardens. All crops were washed out or killed. The valley was filled with water from bluff to bluff. M. H. Lewis & Co. lost everything but the buildings.

Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.



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ORCHIDS
A Specialty
Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.

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THE "OLD RELIABLE" FOR
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Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.

A. L. RANDALL CO.
Wholesale Florist
Don't forget we are at
19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

To Cut Flower Growers:
Have you ever visited the FLOWER GROWERS' MARKET, 60 Wabash Ave., CHICAGO? If not, do so at once, you may profit by it.
CALL ON OR ADDRESS PERCY JONES, Manager.
Mention The Review when you write.

PERCY JONES
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Flower Growers' Market,
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STANDING ORDERS SOLICITED.
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SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

D. WOOD BRANT,
SUCCESSOR TO
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58-60 Wabash Ave. CHICAGO.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Seasonable CUT FLOWERS OF EVERY VARIETY

A FINE LOT OF FIELD-GROWN CARNATIONS OF THE BEST VARIETIES
AT THE RIGHT PRICES. LET US QUOTE YOU. :: :: :: :: :: ::

The Philadelphia Wholesale Flower Market, 1228 Cherry St. **Philadelphia**

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Aug. 3

		Per doz.
Beauties,	Specials	$2.00 to $2.50
"	Extra	1.00 to 1.50
"	No. 1	.60 to .75
		Per 100
Brides and Maids,	Specials	$4.00 to $5.00
" "	Extra	2.00 to 3.00
" "	No. 1	.75 to 1.00
Carnot		5.00 to 6.00
Golden Gate		4.00 to 5.00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 5.00
Meteor		3.00 to 5.00
Perle		2.00 to 3.00
Carnations, Common		1.00 to 1.50
" Selects		1.50 to 2.00
Adiantum Cuneatum		1.00 to 1.25
" Farleyense		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.50
Asters		.75 to 2.00
Gladiolus		2.00 to 3.00
Lily of the Valley		2.00 to 3.00
Smilax		12.50 to 15.00
Sweet Peas		.15 to .25
Tuberoses		3.00 to 4.00

WAUKESHA, WIS.—Andrew Borchart is building a house 15x70 feet for carnations.

ROCKFORD, ILL.—H. B. Sullivan has bought the boilers and greenhouse material of W. B. Reynolds and will move them to his place.

Wholesale Cut Flowers
Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

WM. MURPHY,

GROWER AND COMMISSION DEALER IN

Cut Flowers and Florists' Supplies

128 East Third Street,

Phones Main 960, West 1191-R **CINCINNATI, OHIO.**

Mention The Review when you write.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

38-40 Miami Avenue, Detroit, Mich.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

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J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention The Review when you write.

All Flowers in Season CONSIGNMENTS SOLICITED

Prompt returns and best of care given all consignments.

C. E. CRITCHELL,

WHOLESALE COMMISSION FLORIST,

36 EAST THIRD ST., Cincinnati, Ohio.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PETER WEILAND,

Wholesale Grower of CUT FLOWERS,

ROSES, CARNATIONS AND FERNS A SPECIALTY.

128 East 3rd St., CINCINNATI, OHIO,

Solicits your orders with confidence that he can serve you to your entire satisfaction.

Wholesale Cut Flower Prices.

Pittsburg, Aug. 3.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	12.00 to 15.00
"	No. 1	6.00 to 10.00
"	Shorts	3.00 to 5.00
Brides and Maids		2.00 to 6.00
Kaiserin		2.00 to 10.00
Liberty		3.00 to 6.00
Meteor		2.00 to 6.00
Carnations		.50 to 1.50
Asparagus Plumosus, Strings		25.00 to 50.00
" Sprengeri, Sprays		1.00 to 2.00
Asters		.50 to 2.00
Daisies		.50
Gladiolus		2.00 to 4.00
Smilax		6.00 to 10.00
Sweet Peas		.10 to .50

FT. WAYNE, IND.

Death of C. M. Auger.

Charles M. Auger, who was the first man to engage in business as a florist in Fort Wayne, and one of the pioneers in Indiana floriculture, died July 26 in France, whither he had gone nearly a year ago for a visit to the scenes of his boyhood home. He was 82 years of age.

Mr. Auger was born near Versailles in 1822. He came to America while yet a young man and in 1852 came to Fort Wayne and engaged in market and flower gardening. Later, in 1869, when the city had developed sufficiently to warrant the departure, he confined his business to that of a florist exclusively, founding the establishment which is still conducted by his daughter-in-law, Mrs. Lydia E. Auger. Mr. Auger was the pioneer in the florists' business in this city, and one of the earliest in the entire state.

FUMIGATION CALLS FIREMEN.

The following is from a daily paper at Providence, R. I.:

John D. Jenson, florist, at 1142 Broad street, held an impromptu reception of firemen at 6:15 o'clock last evening. The affair was so sudden that Mr. Jenson did not have time in which to serve pink or any other kind of tea, although with a little delay on the part of his guests he might have passed around a geranium stew a la sulphur.

Mr. Jenson had occasion to fumigate his greenhouses, and applying a match to a pot of sulphur, closed the door and hied himself to a safe spot. The houses were soon filled with smoke and presented such an alarming appearance that a citizen, who was not aware that Mr. Jenson was giving various kinds of bugs a throat treatment, sprinted after and overtook Patrolman Thomas Cannon and caused the latter to chase himself to box 219.

Mr. Jenson was enjoying a comforting pipe in his office when a lot of firemen dashed in and told him that his premises were on fire. The florist almost threw a fit before he recalled that he had set a fumigating plant to work and that it had budded beautifully. Then the firemen said sulphurous things and went back to their stations.

GREENSBURG, IND.—Draper & Clark are enlarging their glass area.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, **ST. LOUIS, MO.**

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE. Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 385.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. **CLEVELAND, OHIO.**

HAVE YOUR

RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

WM. SCOTT CO.

Main and Balcom Sts.
Buffalo, N. Y.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.
Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

ORDERS EXECUTED ARTISTICALLY.
Providence, Newport, and adjacent New England Cities.
T. J. Johnston,
171 Weybosset Street, L. D. Phone. PROVIDENCE, R. I.

WASHINGTON, D. C.

Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

Shibeley The Florist,

311 SUTTER ST., SAN FRANCISCO, CAL.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

A Card Here will keep your name constantly before the whole trade.

SEND IN YOUR ORDER FOR SPACE IN THE
CONVENTION NUMBER OF THE REVIEW,
To be published AUGUST 18.

Young & Nugent,

42 West 28th Street,
Tel. 2065 Madison Sq. **New York City**

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town florists for Steamers, Commencements, Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.
Telegraph, Telephone or Write Us.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

Mrs. Chas. Eickholt,

2319 AVENUE M, **Galveston, Tex.**

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Lillian Pond	$6.00	$50.00
Gov. Lowndes	6.00	50.00
Gov. Wolcott	6 00	50.00
Her Majesty	6.00	50.00
Marian	5 00	45 00
Queen Louise	5.00	45.00

White:	Per 100	1000
White Cloud	$5.00	$45.00
Pink:		
Enchantress	8.00	70 00
Fair Maid	6.00	50.00
Alpine Glow	6.00	50.00

Pink:	Per 100	1000
Lawson	$6.00	$50.00
Lawson, extra fine	8.00	70.00
Mrs. Roosevelt	6.00	50 00
Mrs. Nelson	5.00	45.00
Floriana	5.00	45.00

Scarlet:	Per 100	1000
Estelle	$6.00	$50
Challenger	5.00	45

Yellow:	Per 100
Golden Beauty	$6.00

Crimson:	Per 100	1000
Harlowarden	$7.00	$60.00
Variegated:		
Prosperity	6.00	45 00
Gaiety	6 00	45.00
Marshall Field	7.00	....

ROSES—Strong, from 2x3-inch pots, **Beauties,** $6.00 per 100; $50 00 per 1000. **Bridesmaid and Mrs. Pierpont Morgan,** $3.00 per 100; $25.00 per 1000.

SAMUEL S. PENNOCK, THE WHOLESALE FLORIST, **1612-18 Ludlow St., PHILADELPHIA, PA.**

Mention The Review when you write.

H. Bayersdorfer & Co.

Will be happy to meet their many friends at the St. Louis Convention. They will make a Grand Display of **FLORISTS' SUPPLIES** in various varieties, showing the latest ideas in.....

Christmas Bells, Crepe Paper, Baskets, Wreaths

and too many other things to enumerate. This **Grand Display** of the Largest Supply House in America will in itself be worth going miles to see.

H. BAYERSDORFER & CO.

50-56 North Fourth Street, PHILADELPHIA.

HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

Mention The Review when you write.

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Meet me in St. Louis,
and GIVE YOUR ORDER TO

L. BAUMANN & CO.

76-78 Wabash Avenue, -- CHICAGO,

For FLORISTS' SUPPLIES,
Artificial Flowers and Metal Designs.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at **$1.00** each.

DENYS ZIRNGIEBEL, Needham, Mass.

Mention The Review when you write.

ASPARAGUS Plumosus Nanus Seed

$3.50 per 1000. Larger quantities less. True to name and of highest germinating quality.

DRAKE POINT GREENHOUSES,

YAHALA, FLORIDA.

A'ways mention the Florists' Review when writing advertisers.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

IOWA FLORISTS MEET.

The Perry Florists' Association had the summer meeting with M. H. Wetherbee, at Charles City, Iowa. There was the largest attendance we have had. One day was given up to riding about the city, visiting places of interest, among which was a visit to the greenhouses of the Sherman Nursery Co. All report business good and nearly all are adding some new glass this season, which speaks well for this part of the country.

A design contest was one feature of the convention and showed us all how different ones go at them. The contest was very close and all showed points of special value. The inner man was well provided for by Mr. and Mrs. Wetherbee, for which they have our thanks. The next meeting will be at Osage, in January. W. S. H.

ELMIRA, N. Y.

During the past month trade conditions have been about the usual for the summer. Roses and carnations of a good grade have been scarce and what are really good are imported stock, one dealer getting his best every day from Brampton, Ont. Carnations in the field are doing well, the rains with which we have been favored and the cool nights being just what they wanted. Housing will in many cases begin this week.

The United States Cut Flower Co. has had a force of over 100 men on construction work during the summer and the work is so far advanced that rose planting is nearly finished; they already have over 20,000 benched and the remainder will be planted this week. The power house, offices, packing rooms, coal sheds, etc., are about completed and next week three boilers will be installed. By the end of the month they expect everything to be in full working order.

Wm. Algie, president of the company, has just returned from an extended trip through Canada. He spent a part of his time at his beautiful home at Alton. Jos. V. Peirce, of New Bedford, Mass.; Geo. Cox, late of Columbia City, Ind., and Alfred G. Nason, from New Jersey, have accepted positions as growers with the company.

Sorry I missed Mr. Scott on my last visit to Buffalo, as I would have been delighted to have had the friendly advice of this sage "by wird o' mow." As it is I am thankful to Brother Scott for his encouraging advice and good wishes and coming from "a brither Scot," it is doubly welcome. Although my stature in inches may fall considerably short of some of our attenuated brethren, who, by their strenuous efforts to attain a higher plane, have succeeded in pushing their heads through their hirsute coverings, I can assure Mr. Scott that even though the projected million feet of glass was no longer a question of the future, my professional courage would be in no danger of a collapse. Call and see us, William. J. J. C.

LOUISVILLE.

The Kentucky Society of Florists has filed articles of incorporation without capital stock. The society is intended to promote social intercourse and mutual benefits between professional florists, and to encourage more extensive flower shows. The officers are as follows: Jacob Schulz, president; Herbert G. Walker, vice-president; George E. Schulz, recording secretary; Joseph Coenen, financial secretary; H. Kunzman, treasurer; Henry Fuchs, P. B. Rudy and John Bohrman, trustees.

I WOULD not think of doing without the REVIEW. It is both practical and interesting and using its advertisements has been very satisfactory.—M. MAGRUDER.

TIFFIN, OHIO.

Lewis Ullrich is having a busy time of it, remodeling his place. Four houses have been torn down and in their stead three modern ones, each 25x100, will be built this summer. These are intended for palms, ferns and miscellaneous stock. The season has proved a prosperous one, surpassing his own sanguine expectations. Nor was he ever better equipped to meet the demands of both his retail and wholesale trade. Mr. Ullrich intends planting carnations on a larger scale than heretofore, for the demand for them is steadily on the increase. White Cloud, Flora Hill, Lawson, Enchantress, Triumph, and several meritorious seedlings of his own will constitute the stock to be grown during the coming season. Triumph, as grown on this place, is by no means a back number. It seems to have retained all its vigor of constitution. Among his own seedlings there is one of the Daybreak type and color that looks very promising. A third season's test will determine its full value. Roses look clean and vigorous, the Golden Gate being Mr. Ullrich's favorite and one of the best money-makers on the place. Mr. Ullrich discovered, a few years ago, a red seedling geranium on his place which not only sells at sight but the demand for it far exceeds the supply. Ullrich's Seedling, as it is called here, is an excellent bedder and bloomer and has won many admirers. X.

ALGONA, IA.—The H. A. Richardson Co. reports very good business the past season, with prospects for still better results in the approaching one. They are adding to their glass this summer.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Surplus Bride Roses.

Good stock, in 4-inch $30.00 per 1000.

Second-hand wire rose stakes, perfect condition, 2000 3½ feet, 1800 4 feet, 500 5 feet; make me an offer for the lot.

Charles H. Totty, Madison, N. J.

Mention The Review when you write.

ROSES. 3½-inch pots. First-class plants.

	Per 100		Per 100
800 Chatenay	$5.00	500 Hoste	$6.00
100 Meteor	6.00	100 Sunrise	6.00
600 Sunset	6.00	300 Perle	6.00

P. R. QUINLAN & CO., SYRACUSE, N. Y.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

GOOD ROSES.

Kaiserin, 3 inch.....$6.00 per 100
Perle, 3-inch.....8.00 "

Clean, healthy, young plants. CASH with order, please.

CHARLES E. MEEHAN,

Musgrove and Slocum Sts., GERMANTOWN, PA.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CHICAGO TO ST. LOUIS

The Chicago Florists' Club has arranged to travel to the St. Louis Convention of the S. A. F. via

THE WABASH

A large and congenial party will leave Chicago at about eleven o'clock in the morning on Monday, August 15 (exact hour and rate of fare to be announced next week) and all Florists passing through Chicago are invited by the Chicago Florists' Club to arrange to travel with the Chicago party.

The Buffalo Florists' Club will also travel via The Wabash, leaving Buffalo, Monday, August 15.

FOR RATES, WORLD'S FAIR FOLDERS, ETC., ADDRESS

R. F. KELLEY, G. A. P. D.
287 Main St., Buffalo, N. Y.

F. A. PALMER, A. G. P. A.
97 Adams St., Chicago.

FIELD-GROWN CARNATIONS

IT HAS BEEN A GOOD GROWING SEASON WITH US AND PLANTS ARE IN FINE SHAPE, STRONG AND BUSHY.

	Per 100	1000
Mrs. T. W. Lawson	$6.00	$50.00
Mrs. Nelson	6.00	50.00
Mrs. Higinbotham	4.00	35.00
Chicago	6.00	50.00
Mrs. Ine	4.00	35.00
Flora Hill	6.00	50.00

	Per 100	1000
Peru	$6.00	$50.00
White Cloud	5.00	45.00
Roosevelt	6.00	50.00
Guardian Angel	4.00	35.00
McKinley	6.00	50.00
Mrs. Bradt	6.00	50.00

	Per 100	1000
Estelle	$6.00	$50.00
Gov. Wolcott	6.00	50.00
Norway	5.00	45.00
Queen Louise	6.00	50.00
Harlowarden	6.00	50.00

ROSE PLANTS

STRONG STOCK FROM 2½-INCH POTS.

LOW PRICES TO CLOSE OUT.

UNCLE JOHN The finest pink rose yet introduced, beautiful color, free bloomer, best money-maker. **$20.00 per 100; $150.00 per 1000.**

	Per 100	1000
Mme. Chatenay	$3.00	$25.00
Sunrise	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Golden Gate	2.50	20.00

3-INCH POTS.

	Per 100	1000
Chatenay	$5.00	$40.00
Maid	3.50	30.00
Bride	3.50	30.00
Golden Gate	3.50	30.00

ONE-YEAR-OLD PLANTS From Benches.

	Per 100	1000
American Beauty	$5.00	$40.00
Liberty	5.00	40.00

ALL STOCK SOLD UNDER EXPRESS CONDITION THAT IF NOT SATISFACTORY IT IS TO BE RETURNED IMMEDIATELY, WHEN MONEY WILL BE REFUNDED.

PETER REINBERG, 51 Wabash Ave., CHICAGO

Mention The Review when you write.

THE BEST

Is the Cheapest in the end. 52,000 large, bushy, healthy field-grown Pink Plants are now ready.

	100	1000
The Queen	$8.00	$70.00
Queen Louise	7.00	60.00
Harry Fenn	8.00	70.00
Joost	5.00	40.00
Marquis	6.00	50.00
Pond	6.00	50.00
Fair Maid	8.00	70.00
Enchantress	9.00	80.00
Floriana	7.00	60.00
Lawson	8.00	70.00
Goodenough	7.00	60.00
Boston Market	7.00	60.00

	100		100
Cervera	$6.00	May Naylor	$7.00
Morning Glory	6.00	Her Majesty	7.00
Field	8.00	Dorothy Whitney	8.00
Maceo	6.00	Mrs. M. A. Patten	14.00
Crane	6.00	White Lawson	14.00
Cressbrook	5.00		
Roosevelt	7.00		

250 at 1000 rate. CASH.

C. L. HOWE, CARNATION SPECIALIST **Dover, N. H.**

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

Strong and Healthy.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
QUEEN	"	6.00
LAWSON	"	6.00
FAIR MAID	"	6.00
ELMA	"	6.00
MORNING GLORY	"	5.00
MACEO	"	5.00

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

NEW SCARLET CARNATION

THE CARDINAL!

AN IMPROVED ESTELLE IN EVERY RESPECT.

Winner of 1st PRIZE, BEST 100 SCARLET, AT DETROIT.

READY JANUARY 1. $12.00 per 100; $100.00 per 1000.

INTRODUCERS { **E. G. HILL CO., Richmond, Ind.**
S. S. SKIDELSKY, Philadelphia, Pa.
CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

CARNATIONS

FINE, HEALTHY Field-Grown Plants

This complete lot at a snap price, if taken at once.

6000	Marquis	$4.50 per 100.	$40.00 per 1000	
1800	Peru	4.50 "	40.00	"
1800	Lawson	5.00 "	45.00	"
1200	Morning Glory	5.00 "	45.00	"
500	Bradt	4.50		
500	Estelle	5.00		
1100	Jubilee	4.50 "	40.00	"
1100	Crane	5.00 "	45.00	"
3500	Glacier	4.50 "	40.00	"
800	White Daybr'k.	5.00		

CHICAGO GREENHOUSE SUPPLY CO.
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS.

STRONG FIELD PLANTS.

12,000	LAWSON	per 1000,	$50.00
10,000	WHITE CLOUD	"	45.00
10,000	FLORA HILL	"	45.00

IMMEDIATE DELIVERY.

WEILAND & RISCH,
59 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Extra strong and healthy CARNATION PLANTS. Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$8.00	Lawson	$8.00
Market	8.00	Joost	6.00
McGowan	6.00	Estelle	8.00
Lord	8.00	Fenn	6.00
Maid	8.00	Gomez	6.00
Enchantress	$8 to 10.00	Ad. Cervera	6.00
Nelson	8.00	Prosperity	8.00

FRANK H. KIMBERLY,
Townsend Ave., NEW HAVEN, CONN.

Mention The Review when you write.

Field-Grown Carnations.

Strong Healthy Plants.

Lawson	$6.00 per 100;	$50.00 per 1000		
Flora Hill	5.50	"	45.00	"
White Cloud	5.00	"	40.00	"
Guardian Angel	5.00	"	40.00	"

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. **CHICAGO, ILL.**
PETERSON AVE., NEAR ROBEY ST.

Mention The Review when you write.

100,000 FIELD GROWN Carnation Plants. **All the Standard Varieties.**

Strong, healthy and well-grown plants. Can make Shipments now, or book orders for early Fall delivery.
PRICES AND LIST ON APPLICATION.

SMILAX, 2-inch pots, $20.00 per 1000. ASPARAGUS PLUMOSUS 3-inch pots, $7.00 per 100

LEO NIESSEN, 1217 Arch Street, Philadelphia, Pa.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held July 26, President Ballantyne in the chair. The following special prizes were received for the fall exhibition: $25 for the best thirty-six blooms chrysanthemums, six varieties, $15 for first prize and $10 for second, from Mrs. Geo. Lewis, Tarrytown; $5 from C. Vanderbilt, Tarrytown, for the largest cut chrysanthemum exhibited, and $15 from A. T. Boddington, New York, for best three specimen ferns, $10 for first prize and $5 for second. A check for $100 was received from E. G. Reid, Irvington, who will be presented with a life membership in the society. Mrs. Henry Draper, Dobbs Ferry, was elected an honorary member and A. T. Boddington was elected an active member.

The monthly prize offered by Jas. Lawrie, for the best display of flowers cut from hardy shrubs, was awarded to A. McKenzie, superintendent for Samuel Untermeyer. Honorable mention was awarded to H. J. Kastberg, Dobbs Ferry. A certificate of merit was awarded to the F. R. Pierson Co. for a very fine display of hardy phlox, comprising over thirty varieties. Wm. Scott and Francis Gibson were the judges.

It was decided to have the annual outing of the society on August 17 at Rye Beach and the committee has arranged for a shore dinner at 2 o'clock. Tickets can be had by members and friends from any of the executive committee at $1 each.

After the business was disposed of, Jas. Scott opened a discussion on the forming of a gardeners' organization such as the one being formed in London, but with the exception of Mr. Scott not one of the members present seemed to be in favor of such an organization.

F. A. L.

KANSAS CITY.

Business for July was the quietest in eight years for florists here and stock very much off. Weather too hot. W. L. Rock, R. S. Brown & Son and A. F. Barbee are all busy building. Each one is adding from three to six new houses for carnations and roses. L. M. Schwager is now in his new store, 1300 Grand avenue.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Maceo	crimson	6c
Enchantress	light pink	10c	Floriana	pink	5c
Lawson	pink	7c	Ethel Crocker	pink	5c
Mrs. Potter Palmer	scarlet	6c	Eldorado	yellow	5c
Chicago	red	6c	Success	light pink	5c
J. H. Manley	scarlet	6c	Oriole	scarlet	5c
Mrs. E. A. Nelson	pink	6c	Mermaid	pink	5c
Gov. Roosevelt	crimson	6c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

FIELD-GROWN

Carnations.

Extra strong, healthy plants.

Queen Louise, Norway, White Cloud, Lorna, Prosperity, Flora Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.

Ready for immediate shipment. All of the above varieties, **$6.00** per 100; **$50.00** per 1000.

ORDER NOW.

Price quoted is for first-class selected stock Can supply cheaper grades if desired.

CHAS. W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

CARNATION PLANTS

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	4 00	35 00
Higinbotham, pink	5 00	45 00
Flora Hill, white	4 00	35 00
White Cloud, white	5 00	45 00
Queen Louise, white	5 00	45 00

Rose Plants

Bridesmaid, Bride and Ivory, large, clean stock, $18.00 per 1000.

George Reinberg

51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00	per 100;	$50.00	per 1000
Queen Louise	6.00	"	50 00	"
Mrs. Geo. Bradt	6.00	"	50.00	"
Norway	6.00	"	50.00	"
Estelle	6.00	"		
Flora Hill	5.00	"	40 00	"
Joost	5.00	"	40.00	"
Genevieve Lord	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots $8.00 per 100
Golden Gate Roses, strong, 4-in. pots 8.00 "

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

Mention The Review when you write.

FIELD-GROWN

Carnation Plants.

We offer the following varieties, all first-class plants, at $5.00 per 100 in not less than 100 lots:

LAWSON,
MORNING GLORY,
PROSPERITY,
GOV. WOLCOTT,
WHITE CLOUD,
NORWAY,

and a few mixed varieties.

Also can furnish 3000 American Beauty plants in 3 to 4-inch pots at $40.00 per 1000, or $5.00 per 100. Mme. Chatenay, 4-inch, $40.00 per 1000.

ALL PLANTS SHIPPED FROM HINSDALE.

BASSETT & WASHBURN

76 WABASH AVENUE,
CHICAGO, - - ILL.

Mention The Review when you write.

H. Weber & Sons

CARNATIONS!

Oakland, Md.

Mention The Review when you write.

Always Mention the.... **Florists' Review** When Writing Advertisers.

THE very best first-class Carnation Plants at a special discount of 10 per cent. from the prices listed below. This offer is good for ten days only. We guarantee the stock.

	Per 100	Per 1000
WHITE		
Moonlight, new	$10.00	$75.00
Alba	6.00	
Queen Louise	6.00	
Norway	5.00	
Reliance, new	8.00	75.00
Lady Bountiful, new	12.00	100.00
Her Majesty	5.00	
Lillian Pond	5.00	40.00
Wolcott	5.00	
Lorna	5.00	
Flora Hill	5.00	40.00
SCARLET		
Crusader, new	10.00	80.00
Estelle	6.00	50.00
Manley	6.00	
Apollo	6.00	
Adonis	6.00	
PINK		
Mrs. Thos. W. Lawson	6.00	50.00
Enchantress	8.00	75.00
Fair Maid	6.00	
Mrs. Higinbotham	5.00	40.00
Nelson	6.00	50.00
Cressbrook	5.00	
CRIMSON		
Harlowarden	6.00	50.00
Harry Fenn	6 00	
Roosevelt	5.00	
FANCIES		
Prosperity	5.00	
Marshall Field (White Variegated)	6.00	50.00
Dorothy Whitney (Yellow Variegated)	7.00	60.00
Tiger, yellow & pink	6.00	

E. H. HUNT

76-78 Wabash Ave.

CHICAGO

BALL'S PALMS

THE CHOICEST STOCK, STRONG, HARDY AND PERFECT in every respect. Samples will be on **Exhibit at the St. Louis S. A. F. Convention,** where I shall be pleased to greet my friends and patrons, and to receive orders for immediate or future delivery. ORDER EARLY. It is important.

Send for descriptive **Price List,** also see advertisement in **next issue** Florists' Review.

CHAS. D. BALL,

Holmesburg, Phila., Pa.

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

Extra strong and healthy.

5000 "Flora Hill,"

$5.00 per 100. Cash with order.

FARNAM P. CAIRD,

271 River St., TROY, N. Y.

Mention The Review when you write.

BEGONIA

Gloire de Lorraine

Sept. delivery. 2-in. pots, **$12** per 100.

Just from the woods direct:

CATTLEYA GASKELLIANA.

Inquire for prices at once.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

Perles, Am. Beauties

Brides, Maids, Golden Gates, Ivory, La France, Carnot.

Boston and Piersoni Ferns, Sprengeri and Plumosus—All sizes, 2¼, 3, 4 and 5-inch. Ready to shift. Send 50c or $1.00 for samples of sizes you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

3-inch ROSES

Strong, healthy plants Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$3.50	$30.00
Perles	5.00	45.00
Beauties, special	4.00	40.00
Kaiserins, extra fine	6.00	
2½-inch—Brides, Ivory	2.50	20.00
2½-inch—Beauties	3.00	25.00

Very low prices for very good plants. Order at once. Stock will not last long at such figures.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATIONS. FIELD-GROWN PLANTS.

First size, **$7.00** per 100.
Second size, **$5.00** per 100.

Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Stella, Bradt, Maceo, Gomez, Roosevelt, Crane, Adonis.

Roses 2½-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Golden Gate, Ivory.

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

ROSES.

10,000	2½-in. Maids	$20.00 per 1000
10,000	3½-in. Brides	40.00 "
10,000	3 and 3½-in. Beauties	$5.00 per 100, $45.00 per 1000.
	2½-in. Beauties	$35.00 per 1000
2,500	3½-in. Gates	40.00 "
500	3½-in. Franz Deegen	4.50 per 100
1,500	3½-in. Perles	4.50 "
15 000	2½-in. Stevia	2.00 "
Stevia	R. C.	$1.50 per 100, 12.00 per 1000

R. C. of Ivory, Murdock, Willowbrook, Christmas, Shrimpton, Intensity, Parr, Jones, Wilidin, Bonnaffon, Pacific, Halliday, Sunshine, Appleton, Richardson.

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Mention The Review when you write.

15,000 EXTRA FINE ROSE PLANTS

3-inch pots, propagated for our own use, Bride, Bridesmaid, Golden Gate, Ivory, Meteor, $4.00 per 100; $35.00 per 1000.

A. GUDE & BRO.

1124 F Street N.W., WASHINGTON, D. C.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

WICHITA, KANS.

Wichita was visited by a flood, early in July, such as was never heard of here before. At least seventy-nve per cent of the city was under water, all the way from six inches to four feet deep. Water covered the parks, killing all blooming plants except the cannas and at least thirty per cent of the shrubs are killed. F. Kuechenmeister, whose greenhouses are located near the park, suffered the loss of his whole stock, water being three feet deep in his houses and field. His loss is heavy, as he did not save anything. He lost 10,000 fine carnations ready to be benched, 2,500 young roses, and shrubs of all kinds. He has had fine success with carnations. His soil seems to be just suited for them, but in some places the top soil is all washed off. C. A. Rose lost all his stock, principally chrysanthemums and summer blooming plants. W. H. Culp suffered the least, although the street was like a river in front of his place. A. T. Buckridge, in the north part of the city, lost roses and carnations.

In the eastern part of the city, Chas. P. Mueller had just purchased a fine piece of land, expecting to move his buildings, and had planted all his summer and winter blooming plants, some 25,000 or 30,000, with the best prospect he has ever had, yet all were taken in forty-eight hours' time. He has given up building for this year and possibly longer, as it will take from one to two years to make up his loss. He was enjoying a splendid local as well as shipping business. M.

TORONTO.

The Market.

The cut flower market has picked up considerably during the last week and the supply has correspondingly decreased. Roses and carnations are very short, while asters are only in fair supply as yet. Sweet peas are good and the supply about equal to demand. Lilies of all kinds are scarce.

Various Notes.

The Toronto delegation to the Ottawa convention will be large unless present indications are astray. The Toronto florists should make as good a showing as the east did at the Toronto convention. Everybody go, and make a success of our annual Canadian Horticultural Association convention. Nothing is more needed to make the convention a success than your presence at Ottawa. D. J.

NOW IS THE TIME

To stock up on Araucarias and reap the benefit of the summer's growth.



Araucaria Excelsa.

As usual at this season of the year we are carrying an immense stock of these plants, all are of good value and will be found a profitable investment.

Araucaria Excelsa.

	Each
4-in. pots... 5 to 6 in. high...2 tiers.....	$ .35
4-in. pots... 8 to 10 in. high...3 tiers.....	.50
6-in. pots...12 to 14 in. high...3 to 4 tiers,	.75
6-in. pots...14 to 16 in. high...4 tiers.....	1.00
6-in. pots...16 to 18 in. high...4 tiers.....	1.25
7-in. pots...20 to 24 in. high...4 to 5 tiers,	1.50

Araucaria Excelsa Glauca.

	Each
6-in. pots...13 to 15 in. high...3 tiers.....	$1.25
7-in. pots...16 to 18 in. high...4 tiers.....	1.75
7-in. pots...22 to 24 in. high...4 to 5 tiers,	2.00

Araucaria Robusta Compacta.

	Each
6-in. pots.....10 in. high....2 to 3 tiers...	$1.25
6-in. pots.....12 in. high....3 tiers	1.50
7-in. pots.....15 in. high....3 to 4 tiers...	1.75

Now is also the time

To sow seeds of **PANSIES, PRIMULAS, CINERARIAS, DAISIES, MYOSOTIS, etc., etc.**

Full list of same see our current wholesale catalogue.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

Grand Exhibition of GLADIOLUS BLOOMS

At EDEN MUSEE, New York,

23rd St., near 6th Ave. Admission, including Museum, 50c.

August 15 to 21, inclusive.

BY

JOHN LEWIS CHILDS, Floral Park, L. I.

Mention The Review when you write.

A. Plumosus Nanus.

2-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Mention The Review when you write.

AA SEEDS...

PRIMROSE IMPROVED CHINESE

Finest grown, large-flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half-pkt., 50c. Have the varieties separate also.

DAISY Double Giant, mixed, 1000 seeds, 25c.

CINERARIA Finest large-flowering dwarf in best mixture, 1000 seeds, 50c.

PANSY GIANT The finest large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50c.

☞500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of Giant Pansy Seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses

Mention the Review when you write.

5000 SMILAX!

Extra strong, out of 2¼-inch pots, cut back three times, send for sample. $15.00 per 1000, $2.00 per 100. 500 at the 1000 rate.

THOMAS H PATTERSON & CO.

278 Old York Road, BALTIMORE, MD.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock.....	$12.00 per 100.
3-inch stock, fine specimens	35.00 "
5-inch stock	75.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

Mention The Review when you write.

We Want Room

and as long as they last will sell a few nice Piersoni stock in 3-inch at $12.50, 4-inch at $15.00, 6-inch at $75.00, 7-inch at $100.00 per 100. Send order to

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

VIOLETS

Imperial, an improved Marie Louise, from 2-in. pots, $25.00 per 1000; from 3-in. pots, ready in about two weeks, $4.00 per 100; $35.00 per 1000. Lady Campbell, 2-in., $2.00 per 100; 3-in., $35.00 per 1000. Field-grown carnations, write for varieties and prices.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

New Geranium Telegraph



4-inch pot plant "Telegraph."

SELLING AGENTS:

HENRY A. DREER .....PHILADELPHIA, PA.
THE E. G. HILL CO.....RICHMOND, IND.
THE LIVINGSTON SEED CO.....COLUMBUS, OHIO.
VAUGHAN'S SEED STORE, CHICAGO and NEW YORK.

Truly the Grandest Introduction to the Geranium family.

Come see it growing at our establishment — INSIDE AND OUT.

THE TELEGRAPH will be SOUGHT BY ALL for CONSERVATORY OR WINDOW AND FOR BEDDING OUT.

A sure money maker for the trade. Telegraph will sell at sight. Its mammoth size, beautiful color strength of growth and remarkable productiveness, gives it a place on the market above all others.

Telegraph is a seedling of 1900; parentage, Mrs. E. G. Hill and Wonder; robust grower; foliage dark green, with zone; flowers, single, of immense size; rich deep orange cerise in color. Has proven gilt edged through every test during the past four years. Unsurpassed for bedding out. Indispensable for conservatory or window.

It comprises all the qualifications for a good commercial and fancy geranium.

Awarded Certificate of merit by the Dutchess County Horticultural Society, November, 1903, and The New York Florists' Club, April, 1904.

Strong plants, 2¼-in. stock, ready October 1st, $20.00 per hundred.

Order Now, propagate through the winter, offer to your trade next Spring.
You will find Telegraph the best money maker on the market.

Thos. DeVoy & Son, Poughkeepsie, N. Y.

Mention The Review when you write.

BUCKLEY'S August Bargains!

Here is your chance to secure the following first-class stock at rock bottom prices for a few days.

GERANIUMS—Strong 2½-inch. J. Viaud, Mrs. E. G. Hill, Beaute Poitevine, S. A. Nutt, Bruanti, $1.50 per 100; $15.00 per 1000.

SMILAX—Strong 2¼-inch. We have the best stock in the market at $1.25 per 100; $10.00 per 1000.

ASP. PLUMOSUS NANUS — Beautiful stock from 2¼-inch pots, $2.50 per 100; $24.00 per 1000.

ASP. SPRENGERI — Strong seedlings, ready for potting, $1.00 per 100; $9.00 per 1000.

CASH.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

Last Call--Stock Must Be Sold

Boston Ferns—Nice young plants out of 2½ in. pots, $2.75 per 100. **Kentia Palms**—Cool grown and stocky, 3½-in. pots $12.00 per 100. **Coleus**—Golden Bedder, Verschaffelti, and 10 other varieties, 2-in. pots, $2.00 per 100. **Stevia**—Fine stocky plants 2-in. pots, $2.00 per 100. **Smilax**—2½-in. pots, $1.75 per 100; $15.00 per 1000.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns

2½-inch $4.00, 3-inch $8.00, 4-inch $15.00, 5-inch $25.00 per 100; 6-inch 40c, 7-inch 60c, 8-inch 75c each. Piersoni rooted runners reduced to $2.00 per 100.

DAVIS BROS.
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS AT ALL the time in the Review's Classified Advs.

Primroses

	Per 100
Chinese, 2-inch pots	$2.00
Forbesi	2.00

Asparagus

	Per 100
Plumosus Nanus seedlings	$1.75
" 2-inch pot	2.50
Sprengeri, $18.00 per 1000	2.00
Plumosus Seed	$4.50 per 1000.

PANSY SEED.....ne plus ultra, oz., $4.00

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

8000 GOOD

Chrysanthemums

Fine thrifty plants from 2½-inch pots. Cheap for cash, **$2** a 100; **$18** a 1000.

Glory of Pacific, Polly Rose, Estelle, Whilldin, Monrovia, Halliday, Bergmann, Bonnaffon, Ivory, Robinson, Willowbrook.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.

Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

Mention The Review when you write.

ORCHIDS

ARRIVED — Large Shipments in SUPERB CONDITION.

See our advertisement in issue of June 30, p. 273.

Write for special list.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Chrysanthemums The New Ones

They are going to be the winners this fall for both commercial and exhibition purposes. As stated in our advertisement of last week, if you want to get into the first row you want to put them in now, and we are offering the full list as advertised in last week's paper.

These plants are fine 2½-inch stock, and are sure to give satisfaction. **$3.00 per dozen,** assorted kinds. Same rate for entire lots of one or more each. No orders filled for less than one dozen.

Have also a few of the standard sorts on hand, such as Estelle, the best early white; Polly Rose and Mrs. Murdock, a fine, all-around pink, at **$2.50 per 100; $20.00 per 1000.**

La France Roses, extra fine stock, 2½-in. pots, from grafted stock, **$5.00 per 100.** Perfectly clear of any mildew.

CASH WITH THE ORDER. SATISFACTION GUARANTEED.

"CRITCHELL'S"
Avondale, :: Cincinnati, Ohio.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA.
S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum cuneatum, strong, healthy plants, 4-in., $12.00 100; 3-in., $6.00 100, $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

AGAVES.

Eight grand century plants, green and variegated leaves, 30 to 40 years old, 4 to 6 feet tall, 6 to 10 feet in diameter. Splendid specimens for large uses.
H. A. Catlin, White Sulphur Springs, W. Va.

ALTERNANTHERAS.

Alternantheras, red, 2-in., strong, $2.00 100. Cash. Chase & Son, New London, O.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50c to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann 1012 Ontario St., Phila., Pa.

ASPARAGUS

Asparagus plumosus nanus. A bargain—order at once. Extra strong plants in good condition. 11 plants, 8-in. pots, 6 in a pot, $9.00; 38, 6-in. pots, 3 in a pot, $13.30; 50, 5-in. pots, 1 in a pot, $10.00; 160, 4 and 4½-in. pots, 1 in a pot, $20.00.
Park Side Greenhouses, 70th and Adams Ave., Chicago.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

We offer flats of asparagus in which 1000 seeds were originally sown; now contain from 800 to 900 fine seedlings ready for 2½-inch pots, at $10.00 per flat; 2½-inch asparagus, $3.00 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus plumosus nanus, well established, 2½-in., pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri plants from seed bed, ready for potting, $1.00 per 100, $9.00 per 1000. A. plumosus nanus, strong, 2¼-in., $2.50 per 100, $24.00 per 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¼-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash, or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus Sprengeri and plumosus, all sizes; 2½, 3, 4, 5-in., ready for shift. Send 50c or $1.00 for samples of sizes you want.
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, seedlings, $1.75 100; plants, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 6-in. pot plants, 15c and one year old clumps, 10c each; fine for growing strings.
Jos. Wood, Spring Valley, N. Y.

Asparagus plumosus nanus, 2-in., ready for 3-in., $3.00 100; 3-in., bushy, ready for 4-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, very strong 4-in., $7.50 per 100. Cash with order, please.
W. W. Stertzing, 7280 Old Manchester Rd., St. Louis, Mo.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

500 Asparagus Sprengeri, 2-year-old plants, from bench, $15.00 100. Cash.
Mrs. E. A. Williams, 621 Penn Ave., Pittsburg, Pa.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

25,000 Asparagus plumosus nanus, 2-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus Sprengeri, 4 to 7-in. pots, in large quantity at a bargain.
H. Bornhoeft, Tipton, Ind.

Asparagus Sprengeri, extra strong 3-in., $3.00 100; 4-in., $4.50 100.
J. Sanstrom, Momence, Ill.

Asparagus plumosus nanus, 2¼-in., strong plants, $3.00 per 100.
John Dieckmann & Co., Wheeling, W. Va.

Asparagus plumosus nanus, 2-in., $2.50 100; 3-in., $5.00 100.
Sherman Nursery Co., Charles City, Iowa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus tenuissimus, fine plants, 2¼-in., $3.00 100. Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus, 2¼-in. pots, $2.50 100; $20.00 1000. J. S. Bloom, Riegelsville, Pa.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus, fine 3-in., ready for 4-in., $5.00 per 100. Weber Bros., Florists, Ironton, O.

Asparagus Sprengeri, 2-in., strong, $2.00 per 100. Cash. Chase & Son, New London, O.

Asparagus plumosus, 3-in., strong, $8.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., $7.00 100.
Leo Niessen, 1217 Arch St., Phila.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

BUSINESS BRINGERS—
Review
Classified Advs.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees. Standards and pyramids, at $10.00 and $15.00 each, according to size.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BEGONIAS.

Begonias. Vernon, white and red; metallica, argenteo-guttata, vestissima, rubra, Marjorie Daw, Nitida rosea, Triumph de Lorraine, Lenore, Sandersoni and other good ones, out of 4-in. pots, full bloom, $4.00 per 100.
W. T. Stephens & Co., Brookfield, Mo.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, nice 2-in. stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100; 5-in., $75.00 per 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, 2-in. pots, $12.00 per 100. Julius Roehrs, Rutherford, N. J.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Begonia Rex, fine assortment, 3-in., $5.00 100.
Nathan Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Christmas peppers and Jerusalem cherries, 2-in. pots, $1.50 per 100.
Harmon & Henderson, Iola, Kans.

BULBS.

LILIUM HARRISII. Guaranteed stock, clean, plump. 5x7, case 400, 100, $3.50; 1000, $32.00; 6x7, case 300, 100, $4.75; 1000, $45.00; 7x9, case 200, 100, $8.00; 1000, $75.00; 9x11, case 100, 100, $16.00; 1000, $150.00.
LILIUM CANDIDUM. St. Joseph's lily, 1st size, 100, $4.50; 1000, $42.50; mammoth, 100, $5.50; 1000, $50.00.
CALLA ETHIOPICA. 3 to 5-in. circ., 100, $4.00; 1000, $35.00; 4 to 6-in., 100, $5.50; 1000, $50.00; 5 to 7-in., 100, $7.00; 1000, $65.00; 6 to 7-in., 100, $8.00; 1000, $75.00; 7 to mammoth, 100, $10.00.
FREESIA refracta alba, white, ⅜ to ½-in., 100, 45c; 1000, $3.50; ½ to ¾-in., 100, 75c; 1000, $6.00; ¾-in. up, 100, $1.00; 1000, $8.00.
OXALIS. Bermuda buttercup, 1st size, 100, 85c; 1000, $7.00. O. grande Duchesse, white, 100, $1.00; 1000, $9.00; rose, 100, 85c; 1000, $8.00; lavender, 100, 75c; 1000, $7.00.
LILY OF VALLEY. Berlin, cold storage, 1000, $12.00; case, 2,500, $27.00.
PAPER WHITES. True grandiflora, 1st size, 100, $1.00; 1000, $9.00.
ROMAN HYACINTHS, white, 11x12, 100, $2.25; 1000, $20.00; 11x15, 100, $2.75; 1000, $25.00; 12x15, 100, $2.85; 1000, $27.00; 13x15, 100, $3.25; 1000, $30.50.
25 at 100 rate, 200 at 1000 rate.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Japanese-grown FREESIA BULBS, ⅜ to ½-in., packed 10,000 bulbs in a case. Sold in original cases only. Send for prices, which are very reasonable; only a few cases left.
This is the introduction of Japanese-grown freesias in this country. Write or telegraph for a case at once.
Suzuki & Iida, 31 Barclay St., New York, N. Y.

Freesia bulbs, true Bermuda-grown, pure white, 80c 100, $7.50 1000. California callas, all sizes. Samples mailed free. Quotations on French bulbs, to arrive soon, on application.
E. F. Winterson Co., 45-49 Wabash Ave., Chicago.

10,000 Paper White narcissus bulbs, 1 to 2 inches in diameter, 50c per 100. 8000 Calla lily bulbs, 1½-in. and up, $2.50 per 100. Smilax bulbs, 2 inches in diameter, $1.00 per 100.
S. W. Marshall & Son, Fresno, Cal.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

500 home-grown calla bulbs, 5 to 6 inch circumference at $5.00 per 100. These are extra nice bulbs.
Sunnyside Greenhouses, Owosso, Mich.

Paper whites, 13 cms. and over, $7.50 per 1000; grandiflora, $9.50 per 1000.
N. Le Page, Mt. Vernon, N. Y.

Freesia refracta alba bulbs, Bermuda grown, doz., 15c; 100, 90c; 1000, $7.50.
Johnson & Stokes, 217-219 Market St., Phila.

100,000 calla bulbs, ready to ship. See display adv. for sizes and prices.
California Carnation Co., Loomis, Cal.

Amaryllis belladonna, 3 to 5 inches in diameter. California Nursery Co., Niles, Cal.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex

CARNATIONS

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

	100	1000
White.		
White Cloud	$5.00	$45.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	6.00	50.00
Flora Hill	6.00	55.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	6.00	50.00
Guardian Angel (Sport)	5.00	45.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	5.00	45.00
Morning Glory	6.00	50.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	6.00	55.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations; the very best plants at a special discount of 10% from prices listed below. This offer is good for 10 days only. We guarantee the stock.

	100	1000		100	1000
Moonlight	$10	$75	Lawson	$6	$50
Alba	6	..	Enchant	8	75
Q. Louise	6	..	Fairmaid	6	..
Norway	5	..	Higinbotham	5	40
Reliance	8	75	Nelson	6	50
L. Bountiful	12	100	Cressbrook	5	..
Her Majesty	5	..	Harlowarden	8	50
L. Pond	5	40	H. Fenn	6	..
Wolcott	5	..	Roosevelt	5	..
Lorna	5	..	Prosperity	5	..
F. Hill	5	40	M. Field	6	50
Crusader	10	80	D. Whitney	7	60
Estelle	6	50	Tiger	6	..
Manley	6	..	Adonis	6	..
Apollo	6	..			

E. H. HUNT, 76 Wabash Ave., Chicago.

52,000 large, bushy, field-grown carnations.

	100	1000		100	1000
The Queen	$8	$70	Floriana	$7	$60
Q. Louise	7	60	Lawson	8	70
H. Fenn	8	70	Goodenough	7	60
Joost	5	40	B. Market	7	60
Marquis	6	50	Cervera	6	..
Pond	6	50	M. Glory	6	..
Fair Maid	8	70	M. Field	8	..
Enchantress	9	80	Maceo	6	..
Cressbrook	5	..	Crane	6	..
Roosevelt	7	..	D. Whitney	8	..
M. Naylor	7	..	Mrs. Patten	14	..
Majesty	7	..	White Lawson	14	..

250 at 1000 rate. Cash.
C. L. Howe, Dover, N. H.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	6.00	50	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Wolcott	6.00	50
F. Hill	6.00	50	Norway	5.00	45
Peru	6.00	50	Q. Louise	6.00	50
W. Cloud	5.00	45	Harlowarden	6.00	50
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson, 2d	$6.00	$50
Lowndes	6.00	50	Roosevelt	6.00	50
Wolcott	6.00	50	Nelson	5.00	45
Her Maj'ty	6.00	50	Floriana	5.00	45
Marian	5.00	45	Estelle	6.00	50
Q. Louise	5.00	45	Challenger	5.00	45
W. Cloud	5.00	45	G. Beauty	6.00	..
Enchant.	8.00	70	H'warden	7.00	60
Fair Maid	6.00	50	Prosperity	6.00	45
Alpine Glow	6.00	50	Gaiety	6.00	45
Lawson 1st	8.00	70	Field	7.00	..

S. S. Pennock, 1612 Ludlow St., Phila.

Carnations, extra strong, stocky plants. Per 100:

Q. Louise	$ 8.00	Nelson	$8.00
Boston Mkt.	8.00	Lawson	8.00
McGowan	6.00	Joost	6.00
Lord	8.00	Estelle	8.00
Maid	8.00	Fenn	6.00
Enchant., 1st	10.00	Cervera	6.00
Enchant., 2nd	8.00	Gomez	6.00
Prosperity	8.00		

Frank H. Kimberly, New Haven, Conn.

Fine, field-grown carnations, ready to bench.

	100		100
Lawson	$6.00	Q. Louise	$6.00
Bradt	6.00	Crane	6.00
J. H. Manley	6.00	Prosperity	6.00
G. Lord	5.00	Floriana	5.00

Marshall Field, variegated, $7.00; Challenger, scarlet, very free, $7.00. 10 per cent discount on orders over $10.00. Cash with orders. Satisfaction guaranteed.
J. D. Cockcroft, Northport, L. I., N. Y.

150,000 field-grown carnations.

Q. Louise, white	6c	Maceo, crimson	6c
Enchantress, lt.p'k.	10c	Floriana, pink	5c
Lawson, pink	7c	Crocker, pink	5c
Mrs. Palmer, sc'let	6c	Eldorado, yellow	5c
Chicago, red	6c	Success, lt. pink	5c
J. H. Manley, scarlet	6c	Creole, scarlet	5c
Mrs. Nelson, pink	6c	Mermaid, pink	5c
G. Roosevelt, cr-son.	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

Fine, healthy field-grown plants.

	100	1000		100	1000
Marquis	$4.50	$40	Estelle	$5.00	
Peru	4.50	40	Jubilee	4.50	$40
Lawson	5.00	45	Crane	5.00	45
M. Glory	5.00	45	Glacier	4.50	40
Bradt	4.50		Daybk White	5.00	

Chicago Greenhouse Supply Co., 51 Wabash Ave., Chicago.

Carnations, field-grown plants; first size, $7.00 100; second size, $5.00 100. Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Stella, Bradt, Maceo, Gomez, Roosevelt, Crane, Adonis. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Field-grown carnations. Per 100:

1200 Queen Louise	$5.00
1000 White Cloud	4.00
400 Marquis	3.00
300 Morning Glory	3.00
200 Flora Hill	4.00

Extra fine plants. Cash, please.
W. E. Gravett, Florist, Lancaster, Ohio.

FIELD-GROWN CARNATIONS.
Prices are per 100, cash with order.

500 Prosperity	$5.00	600 Manley	$6.00
3,300 Flora Hill	4.00	450 Wolcott	6.00
4,500 Lawson	5.00	400 Enchant.	8.00
2,600 Norway	5.00	200 Flamingo	15.00
2,500 G. Lord	4.00	100 Lawson	15.00

JOHN FELKE, SR., Wilmette, Ill.

	100		100
500 Hill	$5.00	300 Palmer	$4.00
500 Q. Louise	5.00	800 Norway	4.50
500 G. Angel	4.50	300 Roosevelt	4.50

All sound, healthy plants, being a surplus of plants from our own planting. Speak quick. Cash with order, please.
J. A. Swartley & Sons, Sterling, Ill.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$40
Q. Louise	6	50	Joost	5	40
Mrs. Bradt	6	50	G. Lord	5	40
Norway	6	50	Mac Richm'd	5	40
Estelle	6	..	Pond	5	40

Isaac H. Moss, Govanstown, Balto., Md.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Boston Mkt.	$6.00
Queen	6.00	Lawson	6.00
Fair Maid	6.00	Elma	6.00
Morning Glory	5.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Carnations, fine, stocky, field-grown plants.

	100		100
2000 Lawson	$6.00	1000 Fair Maid	$6.00
1000 Marquis	5.00	500 Enchant.	10.00
1000 G. Angel	5.00	500 F. Hill	5.00

G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation plants, field-grown.

	100	1000		100	1000
Lawson	$5	$45	Nelson	$5	$45
G. Angel	4	35	Higinbotham	5	45
Hill	4	35	W. Cloud	5	45
Q. Louise	5	45			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnations. Fine plants now ready for the benches. Not surplus stock.

	100	1000		100	1000
Boston Mkt.	$7.00	$65.00	Glacier	$6.00	$50.00
Wolcott	6.00	55.00	Joost	5.00	45.00
McKinley	6.00	50.00			

A. C. Canfield, Springfield, Ill.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud	$5.00	$40
Flora Hill	5.50	45	G. Angel	5.00	40

Cash with order.
Olaf H. Sandberg, Peterson Ave., near Robey St., Chicago.

Field-grown carnations. Per 100:

1000 Mrs. Lawson	$5	400 Innocence	$4
300 Her Majesty	6	300 Prosperity	5
500 Harlowarden	5	50 Cressbrook	4
400 M. Glory	4	50 G. Lord	4

Central Michigan Nursery, Kalamazoo, Mich.

FIELD-GROWN CARNATIONS.

Enchantress	$10.00 per 100
Lawson	6.00 per 100
Roosevelt	5.00 per 100
Queen Louise	5.00 per 100

H. W. FIELD, Northampton, Mass.

Field-grown carnations, extra strong, healthy plants, $6.00 100; $50.00 1000. Q. Louise, Norway, W. Cloud, Lorna, Prosperity, F. Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Chas. W. McKellar, 51 Wabash Ave., Chicago.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Carnations, pot-grown, for July planting. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnations, field-grown, ready now. 300 Hill, 400 Norway, 300 Daybreak, 500 Genesee, 500 Crane, 400 Gomez, 300 Scott, 1000 Joost, 5000 Marquis. $5.00 per 100, $40.00 per 1000.
W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Carnations, clean, stocky, field-grown plants, ready now. Gov. Wolcott, Fair Maid, Norway, Cervera, $6.00 per 100. Joost, Challenger, Maceo, $5.00 per 100. W. G. Kroeber, 355 North St., New Bedford, Mass.

Field-grown carnations. Lawson, M. Glory, Prosperity, G. Wolcott, W. Cloud, Norway and a few mixed varieties, $5.00 100 in not less than 100 lots.
Bassett & Washburn, 76 Wabash Ave., Chicago.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

Carnation plants, extra strong, from field. Enchantress, $7.00; Lawson, Harry Fenn, Fair Maid, Boston Mkt., $6.00; Maceo, Joost, $5.00 per 100. R. D. Kimball, Waban, Mass.

Carnations, field-grown, strong, healthy stock. Enchantress, $8.00 per 100; Lawson, Boston Market, Queen, $6.00 per 100. Cash with order.
Chas. H. Green, Spencer, Mass.

Field-grown carnations, all the standard varieties, strong, healthy and well-grown plants. Send for list of varieties and prices.
Leo Niessen, 1217 Arch St., Phila.

Carnations, strong field plants. 12,000 Lawson, $50.00 per 1000; 10,000 White Cloud and 10,000 Flora Hill, $45.00 per 1000.
Welland & Risch, 59 Wabash Ave., Chicago.

Field-grown carnation plants, Boston Market, $5.00 100; Lawson, $6.00 100; Enchantress, extra strong, $8.00 100. Cash.
J. FULLER, Leominster, Mass.

Field-grown carnations, 1000 plants of Queen Louise, extra fine bushy, ready to bench now, $4.00 100; $35.00 1000. Cash.
Jos. P. Johnson, Jr., Hightstown, N. J.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

Strong, healthy field plants of Lorna, Queen Louise, Gov. Wolcott, G. Angel, Lawson, $5.00 per 100. Cash with order.
Henry Baer, R. R. 8, Peoria, Ill.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Carnation THE QUEEN, the best paying white, $8.00 per 100; $70.00 per 1000.
Larchmont Nurseries, Larchmont, N. Y.

5000 FLORA HILL carnations, field-grown and extra strong, $5.00 100. Cash.
F. P. Caird, 271 River St., Troy, N. Y.

Field-grown carnation plants now ready. Let us quote you prices.
Geo. Reinberg, 51 Wabash Ave, Chicago.

Field-grown carnations. Write for varieties and prices to
Crabb & Hunter, Grand Rapids, Mich.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations. Novelties and standards. Write us. H. Weber & Sons, Oakland, Md.

CHRYSANTHEMUMS.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums Eaton, Chadwick, Golden Wedding, Mrs. Jones, Yanariva, Goldmine, Superba, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Appleton, Bonnaffon, Pink Ivory, Ivory, Pacific, Lincoln, 2 and 2½-in., $2.00 100. Cash.
J. J. Arnold, Homer, N. Y.

8000 chrysanthemums, fine, thrifty, from 2¼-in. pots, $2.00 100; $18.00 1000. Glory Pacific, Polly Rose, Estelle, Whilldin, Monrovia, Halliday, Bergmann, Bonnaffon, Ivory, Robinson, Willowbrook. Cash.
Chas. T. Siebert, Sta. B., Pittsburg, Pa.

Try a few of the new chrysanthemums. We have the Australian-English varieties, including the famous Wells-Pockett set, and other notables. For varieties and prices, see display adv. in issue of July 14, page 363, or write
Critchell's, Avondale, Cincinnati, O.

Chrysanthemum Mme. F. Bergmann, still the best of the early whites. Good stock in prime condition. $2.00 per 100, $18.00 per 1000.
Morton's Evergreen Lodge, Clarksville, Tenn.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CHRYSANTHEMUMS—Continued.

Chrysanthemums, very fine young plants, such as Appleton, Shaw, Halliday, Bonnaffon, White Bonnaffon, Ivory, Pink Ivory, Glory Pacific, and other good varieties, $20.00 per 1000.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Rooted cuttings of Ivory, Murdock, Willowbrook, Christmas, Shrimpton, Intensity, Parr, Jones, Whildin, Bonnaffon, Pacific, Halliday, Sunshine, Appleton and Richardson. Write us.
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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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2-in. pot, seed leaves.....$ 3.00
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Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 25 to 35 in. high, 75c to $1.00 each. Areca lutescens, made-up plants, 5½-in., 50c. Latania borbonica, 5½-in., strong, 35c. Cocos Weddeliana, 4-in., 15c.
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Poinsettias. Strong stocky plants, 10 inches high from top of pot, 2½ and 3-in. pots, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate. For large lots prices sent on application with sample.
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Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
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	100	1000		100	1000
Uncle John.	$20.00	$150	Maid	$2.50	$20
Chatenay ...	3.00	25	Gate	2.50	20
Sunrise	5.00	40	Bride	2.50	20

Strong stock, 3-in. pots.

	100	1000		100	1000
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Maid	3.50	30.00	Gate	3.50	30.00

One year old plants from benches—Beauty, Liberty, $5.00 100, $40.00 1000.
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Roses for winter flowering. Extra fine bushy plants. Liberty, Franz Deegen, 3½-in. pots, $18.00 100. Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots, $15.00 100.
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Roses. Strong, healthy plants. 3-in. Brides, Maids, Ivory, Gates, $3.50 100, $30.00 1000; Perles, $5.00 100, $45.00 1000; Beauties, special, $4.00 100, $40.00 1000; Kaiserins, extra fine, $6.00. 2½-in. plants. Brides, Ivory, $2.50 100, $20.00 1000; Beauties, $3.00 100, $25.00 1000.
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Roses, strictly A1 stock. Maids, 2½-in., $20.00. Brides, 3½-in., $40.00 1000. Beauties, 2½-in., $35.00 1000; 3 and 3½-in., $5.00 100; $45.00 1000. Gates, $40.00 1000. Franz Deegen, 3½-in., $4.50 100, Perles, 3½-in., $4.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

American Beauties, 3-in., $4.00 per 100. Golden Gates, 2½-in., $1.50 per 100. Brides and Maids, 2¼-in., $1.75 per 100.
Will take Boston ferns, Lorraine begonias or Primula obconica, in exchange.
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Roses, 3½-in., first-class plants. Per 100:

800 Chatenay	$5.00	100 Meteor	$6.00
600 Sunset	6.00	500 Hoste	6.00
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10,000 Beauties, 2¼-in., 3-in. and 4-in., also Liberties, Maids, Brides, Meteors, La France and Kaiserin. It will pay you to write for prices as we will sell them cheap.
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1000 Bride and Bridesmaid roses, 200 Papa Gontiers and Meteors, clean, extra strong, 3-inch pots, $3.50 100, $35.00 for the lot, or will exchange for carnations.
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Roses. Clean, healthy stock of Bridesmaid and Golden Gate roses, 3½-in., $4.00 100; 4½-in., $6.00 100.
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Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

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3000 American Beauties in 3 to 4-in. pots, $40.00 1000 or $5.00 100. Mme. Chatenay, 4-in., $40.00 1000.
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1500 Golden Gates, 500 Brides, 400 Maids, 2½-in., $2.00 per 100. First check for $40.00 takes the lot.
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YOUR paper is fine; sold small plants all out.—GUSTAV PITZONKA, Bristol, Pa.

I WOULD not want to do without the REVIEW.—J. H. FIESSER, West Hoboken, N. J.

"IF the REVIEW cost $5 a year we would not be without it."—GEORGE BUTLER & SON, Santa Cruz, Cal.

I AM well satisfied with the REVIEW and could not well get along without it. —E. JENSEN, West Superior, Wis.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

OUR DONATIONS.

Under the head of Chicago Notes in the issue of July 7 are a few emphatic remarks above the signature of O. W. Frese, relative to the imposition that is practiced on the Chicago florists by a request and, it appears, almost a demand for flowers as a donation by various people and institutions. Mr. Frese seems to have suffered most at the hands of what he calls "Sisters." Sisters, it is true, have been the leaders in the abuse of the florists' good nature, for all women are sisters. But, from our experience, the Sisters of Charity, if those are meant, have been by no means the chief offenders. We have many good customers among these worthy people. It is true that if they come from the Emerald isle, or happen to be born in this home of the free, they are inclined to be addicted with the begging microbe and their cloth and vocation have an influence to extract "the goods" from the merchants. The unsophisticated Polish and German Sisters seem more independent and purchase and pay cheerfully for plants and flowers for their festival days. The extent to which this begging of flowers has grown in Chicago, according to Mr. Frese, is ridiculous and carried to what seems to us incredible lengths, accompanied with a large amount of gall.

How is it the wholesaler is the victim? In our city it was the retailer. If a grower has his own wholesale department he can give away, but if he is an honest commission man he has nothing to give away. The flowers aren't his. He is handling them for the consignor, and if he gives any away he should credit them as sold.

But this is a little off the subject. It is not the Sisters of Charity that have ever troubled us. It was the full blown, married sisters in almost all walks of life, except the good women who are your liberal patrons, or those not built that way. A man makes a few dollars and is elected a trustee of the United Brethren of Spiritual Inspiration church, or some other institution. The wife has a new function in life, becomes an active church worker and a philanthropist at other people's expense. Wives of G. A. R. veterans have an almost substantial call on you. To such a degree had this tax upon the florists grown in our city that it was not uncommon for a grocer's wife from the east side to sail into the store and announce that "she was going to have a euchre party tomorrow night and wouldn't we please donate a palm for a prize?" We never saw or heard of her before or since, but someone must have told her the florists were "real easy." So, after suffering for years with this humbug, the Florists' Club got together very much in earnest and passed a resolution, agreeing that we would donate neither plants nor flowers to any church, institution or individual for any purpose whatsoever. Church, charity bazaar or euchre party, it was all cut out. A copy of the agreement was signed by every florist in the city and neighborhood.

The city papers published the same and a framed copy hangs in a conspicuous place in all florists' stores or places of business. It was the best day's work the florists of our city ever did. No unpleasant excuse is now needed. We just point to the little 6x8 sign and that settles it. It did its work well, and the beggars of both sexes and all conditions of life were soon aware of our agreement.

It is not to be supposed that this resolution has not been occasionally violated, because there are cases and circumstances where the florist feels it not only his duty but a pleasure to contribute toward some worthy object. For instance, some lady who buys liberally and gracefully throughout the year says, "There is a class of trained nurses to graduate from the General Hospital tonight. Would you mind sending a few palms for the stage? I assure you they will be much appreciated." In such cases there may have been violations of our solemn covenent, and no harm if there was, but it has choked off entirely the chronic leech and beggar, and the good people never did bother us.

I forgot to say above that the resolution signed by all imposed a fine of $25 on anyone detected in making a donation. No fines yet imposed in seven years. Still the agreement has been of the greatest benefit, and largely faithfully kept.

Get together, you army of florists of Chicago. You have no more business to be imposed upon than the jewelers, or hatters, or milliners. Just let me add that a few days after our action was published in the daily papers, our most valued customers took occasion to congratulate us on the stand we had taken.

I suppose it is a fact that many thoughtless people do not realize that it costs anything to produce our flowers and if we have a hundred roses in the ice box and sell fifty we might just as well give away the other fifty. We have made lots of money anyway.

Then, unfortunately, there is the individual (sorry I am to say it, but it is generally poor, dear woman) who desires to dispense much charity at other people's expense. They are continually soliciting and begging donations of flowers or other delicacies for poor Mrs. Tubbs, who is confined to her bed with lumbago. The florist, or candy man, or grocer is really doing the charity part of it, but they don't get any of the glory.

I have a vivid recollection of a large lady who would sail into the shop and after three or four heavy respirations and undulations of her expansive chest, as much as to say, "well, here I am again," she would begin: "Well, I'm always buying flowers, but I never buy them for myself, hardly ever. Mr. B. says he never saw such a woman, always doing something for somebody else. What have you got this morning that's real pretty and cheap? Mind these are not for myself. If they were I wouldn't mind the price, but they are for one of my hired girls' mother who fell down stairs last week and she's terribly shook up. Mind I can't afford much because they are not for me. It's charity you know." And then one of those sweet charity smiles is bestowed on you, that would stiffen up butter in sultry weather. You produce a dozen roses and shade the price away down, yet instead of thanks a hand is outstretched touching up a rose or two as not being fresh. About that time you feel as if there was a small Mount Pelee working inside you, yet you must suppress it. Often have we undergone this ordeal, only far more elaborate and beyond my descriptive power, when we could not escape to the rear or under a bench.

Well, one day this good woman had the misfortune, in a carriage accident, to fracture the upper section of her left lower limb, and for many months she had to stop indoors. Her husband, a splendid man (poor man) never failed to come around at least every other day and buy from $1.50 to $2.50 worth of flowers for the invalid. Whatever was nice suited him and so did the price. He seemed delightfully cheerful when buying those flowers. No doubt the joy of taking them home was sincere, yet his gaiety of spirit was so marked while Mrs. B. was confined to her bed and his purchases from us so frequent and liberal that I cannot help thinking there was more than one regretted this large lady's convalescence.

To give to the poor, the needy and deserving is a most hallowed pleasure. It is like mercy. "Twice blest, it blesses him that gives and him that receiveth. It becomes the king better than his crown." But the army of busybodies and small-souled creatures that pester the florists, and many other business men, should be severely repressed. Stamp them out as you would the scarlet fever or the glanders.

W. S.

BOOKS FOR Florists

The following are books which can be recommended, each as the standard work in its own field:

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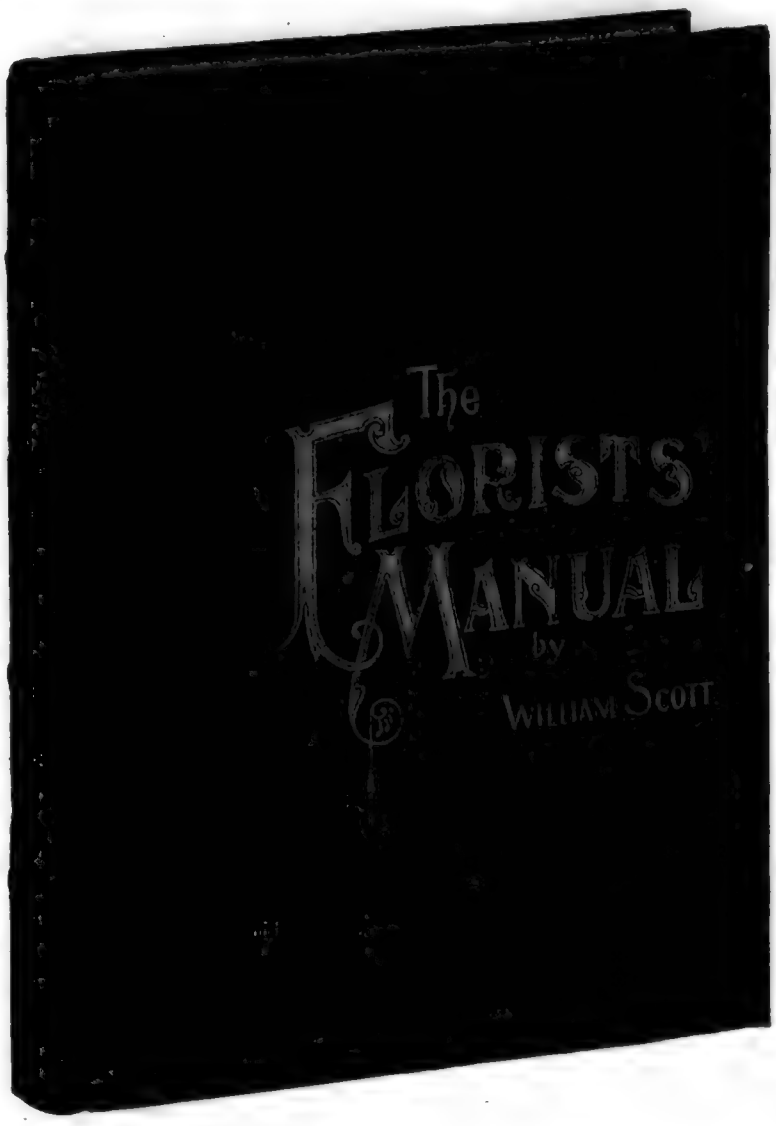
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The name of Cadillac is becoming famous, but in other lines besides the florists' business. It is only a few years ago that we were considered "up in the pine woods," but with the passing of the pine there has been left a thriving city of 7,000 inhabitants, bordering the banks of a beautiful lake. The problem of utilizing the pine lands will undoubtedly be solved in time by the establishment of an experimental station by Solon L. Goode. Four forties are being stumped, and experimental work will be commenced next spring to ascertain just what the soil needs to make it useful for all kinds of crops. Potatoes will grow there, and many a farmer has paid for his farm with one crop of potatoes. Not only is agriculture to receive a new impetus, but up-to-date greenhouses and up-to-date methods are sure to prevail in this hitherto benighted region. According to the Chinaman, carnations are to be grown four to six inches in size and roses like saucers. The grocer and baker and candlestick maker have partaken of the inspiration and plants and flowers could be obtained from Tom, Dick and Harry this spring, each willing and anxious to share the florists' burden of riches.

Notwithstanding the jolts and jars, A. W. Tweedie reports a good business and plants sold out clean. He is hard at work planning for a larger trade next year.

Kleinhans & Mason, the new firm, are busy putting up their houses and have the frames up for three, with glass in one of them. They have completed a neat residence and Mr. Kleinhans and family are installed therein. They have 2,000 carnations in the field and are getting ready to share in the city's prosperity.

This has been a good growing season and plants of all kinds are in excellent condition, considering the late spring, the flower beds at the cemetery being especially attractive.

This city narrowly escaped a severe hailstorm recently. It is a noticeable fact that we have not been visited by any serious storms for nearly two years.

A. W. T.

MONTICELLO, IND.—A. V. Otslot is building a house, obtaining roof material from Dietsch.

CLIFTON, PA.—Hoffman Brothers, of Lansdowne Heights, have purchased the large greenhouses of J. Hackert, located at Sixty-second and Buist avenue, in the city, and in the future they will carry on the business.

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We have a greenhouse running east and west 16x75 feet, north wall five feet six inches, boarded up, south wall thirty inches of glass and thirty-six inches of boards. The west end is boarded up and the east is board and glass, the same as the south wall. Even span, eleven feet from ground to gable. We have a No. 186 Ideal water back heater that we wish to use. With a 3-inch supply pipe running the full length seven feet from the ground and 1½-inch returns, how many runs under benches will it take to keep a temperature of 60 degrees in zero weather? The boiler is supposed to have a heating capacity of 1,025 feet. Will the boiler maintain this temperature? Would it be better to have the supply pipe under the middle bench? F. G.

If, as you state, your boiler has a capacity for 1,025 feet of radiation it is amply large to heat nearly double the space you now have, as your house will require only about 540 feet of radiation to maintain the desired temperature with water at 180 degrees. You will undoubtedly get good satisfaction from carrying the main flow pipe near the ridge to the far end of the house and there dividing it to supply coils under the side and middle benches, or, if it is more convenient to carry the supply pipe under the center bench, the number of returns under the bench can be reduced and the heat evenly distributed by increasing the number of returns under the side benches. In either event you should use, in addition to the 3-inch flow pipe, twelve 1½-inch returns. These may be distributed under the benches in the house so as to provide an extra pipe along the side most exposed. L. C. C.

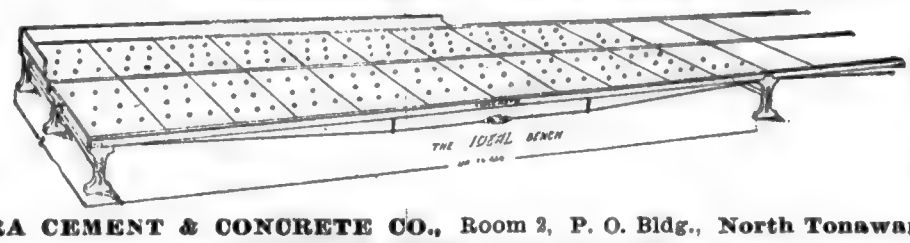
Shiremanstown, Pa.—John F. Rupp reports orders coming in at a most gratifying rate and all hands rushed in getting them out promptly.

Amsterdam, N. Y.—Mrs. Frank Hotaling, wife of the florist, lies dying from grief, caused by the absence from home of her 20-year-old son, William. Young Hotaling left his home, July 24, in the early hours of the morning, without any apparent cause.

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8c per square foot complete.

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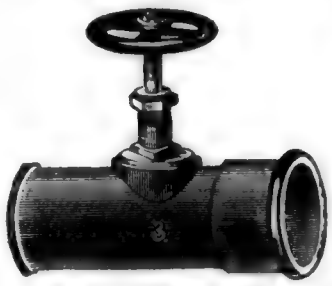
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Size	No. 0....3x4	x10..	$2.00	per 100;	$19.00	per 1000
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"	No 4....3x5x24....		2.75	"	26.00	"
"	No. 5....4x8x22....		3.00	"	28.50	"
"	No. 6....4x8x28....		3.75	"	36.00	"
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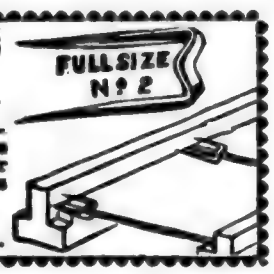
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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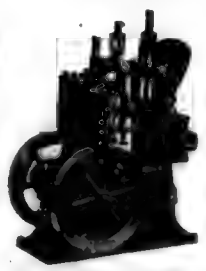
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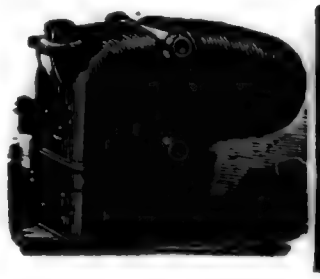
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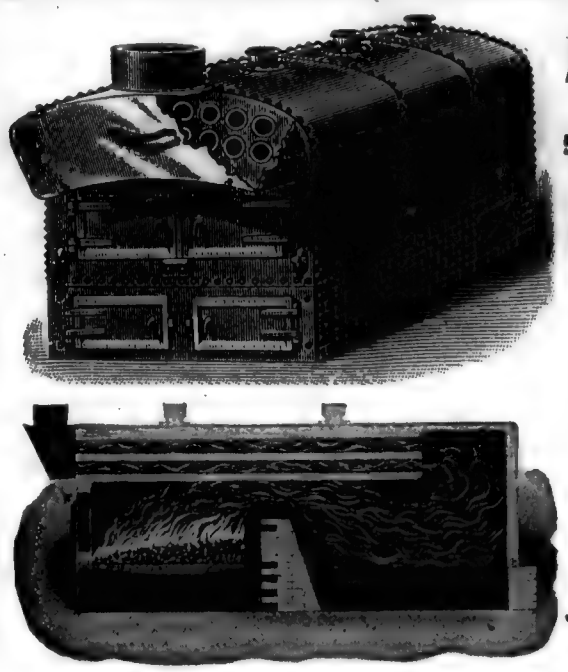
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Patent Iron Bench Fittings and Roof Supports.
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.
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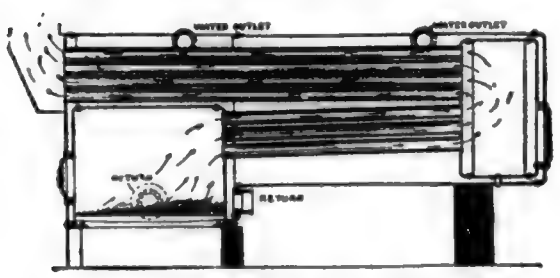


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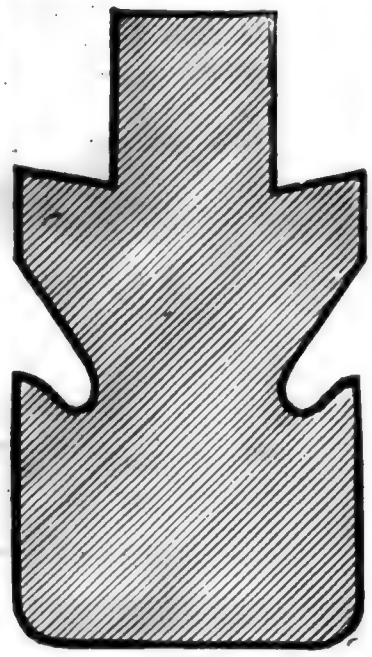


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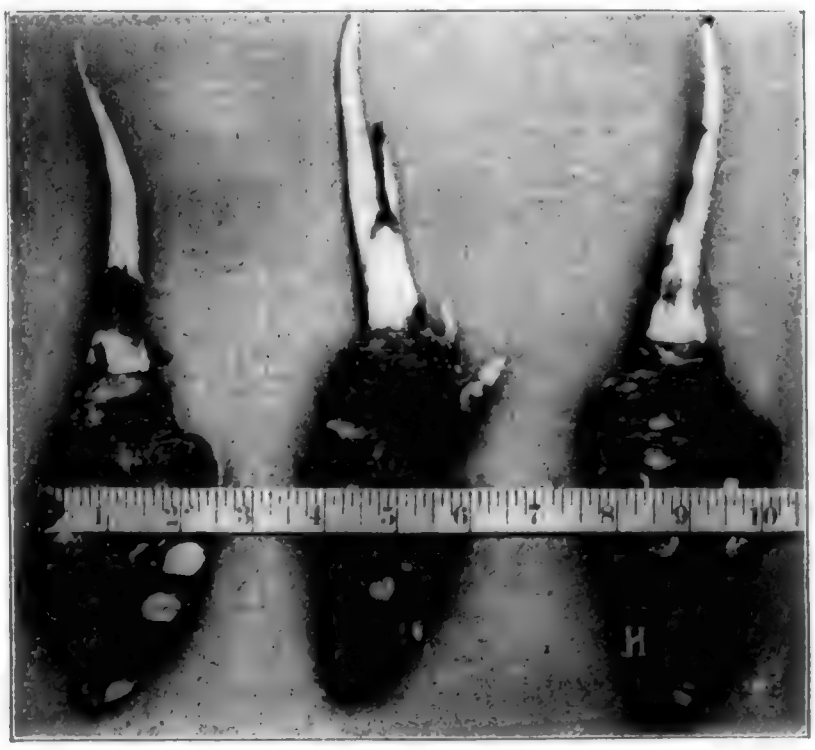
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CHRYSANTHEMUMS

TAKING THE BUDS.

We are now approaching the critical period of chrysanthemum growing, the period when blunders are costly and cannot very well be remedied if made. I refer to the taking of the buds. These remarks apply more particularly, perhaps, to the growers for exhibition than to the commercial cut flower grower. The latter in many cases has not long finished planting and the question of buds will not trouble him for several weeks, but with the future exhibitor the case is different. He knows that to get the largest flowers he must get an early bud with the majority of varieties, and though he stands to lose a few flowers altogether, by taking the bud too early, he has to take some chances.

Buds that form in August are invariably what are known as crown buds, and these crown buds also almost invariably produce the largest flowers. The crown bud is always known by the fact of its having three or four tiny shoots springing out around it. In the case of terminal buds these shoots do not appear but six or eight smaller buds will be found clustered around the larger central one.

All this, of course, is old to the expert grower but we are writing for the benefit of those who are not experts. Many of these latter have an idea that buds taken very early will mean that the flowers will develop much earlier. This does not necessarily follow, though some kinds do come in a week or so earlier, particularly if the weather runs very warm in October. As a general thing, though, there is little difference in the time of development of the different buds, but, as may naturally be expected, there is considerable difference in the size of the flowers. While the early bud is swelling, and petals are developing, the later bud is not yet even formed, as the plant has an additional growth to make and develop before bud formation can begin. I have been told that since the crown bud never makes a flower if the plant is permitted to grow naturally without any disbudding, the later bud is really the natural one and should therefore be the best. To this I can only reply that "this is an art that doth mend nature."

One of the questions that will arise first in the mind of the novice is, how early, to be reasonably safe, can he take a bud? I have for many years fixed for myself the third week in August as a date when I considered it safe to take any bud that I could find ready. Some will come all right taken even earlier, but they need careful handling and experience, and unless one has taken buds early in August before with success it is not wise to go into it too heavily. If a bud begins to show too early it can be held on the plant a week or more almost stationary, by not rubbing off more than one or two of the previously mentioned shoots, and leaving the others for a time to divert the flow of sap from the bud. It is a good idea, in fact, at any time to leave one or more shoots below the bud for a week or so to act as a kind of safety valve. When all the growths are rubbed off close and all the energies of the plant are directed on a tiny bud no larger than a pin's head, it is hardly to be wondered at if the bud sometimes fails to mature properly.

Some growers complain that when they take the crown bud the flower runs away from the foliage, leaving a long, bare neck. While some kinds will do this no matter how they are grown, it is quite often the fault of the grower in having his plants make a long, soft, sappy growth by excessive watering and lack of proper ventilation, when really the plants should now be showing signs of maturity my making short, stocky growth, with bark showing up the stems like the bark on a tree. Well ripened wood is one of the secrets of the big flowers and to get well ripened wood one must plant early and grow as cool and hard as possible. I have never been bothered by lack of foliage in taking crown buds. Some people profess great admiration for a solid column of foliage with the flower squat right down on it, but I personally would rather see the flowers stand out above with about an inch of bare stem showing before the foliage commences. It accentuates the size of the flower and a vase of such flowers has a lighter, more graceful appearance in my eyes.

Every one should have a little note book and put down in it the times he takes certain buds. Mark the plants and then when the flowers appear he can see for himself which bud produced the best flowers and this will be valuable information gained for next season. Hit or miss methods never pan out successfully in any business, least of all in a delicate operation like disbudding chrysanthemums.

While some of our American seedlings are better on a bud taken early in September, notably the well known Appleton, all of the imported varieties give best results when taken on the August crown; in fact, the late bud produces in many cases a flower that is practically useless.

These remarks apply to my district, the eastern coast. Things may work differently in the interior of the country but where one is writing for readers scattered all over a vast country like this, growers should take into some account their location and apply the lesson accordingly.

BRIAN BORU.



J. J. Beneke, President St. Louis Florists' Club.

THE BEST SHOOT.

Please state the best and safest shoot to leave on chrysanthemums to get the best bud after August 10. Is the first or second the better to leave on the plant?

J. C.

I prefer, as a general thing, to leave the second shoot on the plant to grow on, as the first sometimes makes a short growth of several inches and then pro-

duces another bud. After a plant has made a break it is not wise to be in too big a hurry to remove all the shoots not needed to run on. Let the shoots make a growth of several inches; then it can be determined with safety just which would be the best one to leave.

Brian Boru.

ROSES.

Work About the Buildings.

If there are any defects in the glass, such as blisters, which cause burning spots, they should be gone over and touched with either oil or a solution of alum. Apart from the unsightly appearance these burned spots give a house, their effect on the plants is debilitating, destroying the usefulness of the foliage, causing weakness and checking root action. The time and trouble devoted to obliterating these spots will be amply repaid in the robustness and vigor of growth obtained.

While the weather is yet warm and the wood-work dry, is the proper time to look over the roofs, gutters, etc., and have the necessary repairs attended to. If the roofs are old and the sash bars decayed and ordinary puttying would entail too much labor, Old English putty applied with the putty bulb along the edges will render them tight for at least one season. Particular care and pains should be taken to close all cracks along the gutters, as this is where the cold air pours in, causing just the conditions favorable to the germination of mildew spores. As long as these cracks are left open it is impossible to keep the houses clear of this pest, however intelligently we may apply all the other preventives and remedies; in fact, to obtain the best results in a rose house we must eliminate as far as possible all drip and draughts.

Any painting that may be necessary should also be done while the wood is in a fit condition. A clean and neat exterior, besides being attractive, is an almost certain index of the condition of the interior and stock and often gives us a correct line on the quality of the management.

Boilers should be cleaned and overhauled and put into condition for the winter's work, fire boxes and grates repaired and pipes lined up and tested. Ventilators also should be readjusted and everything put into shape for the winter.

These matters are often allowed to drift along till after the best part of the season is over and the danger from frost becomes imminent. Then the work has to be hurried through and the nearer the danger point approaches and time becomes precious, the work is done in such a hurried and imperfect manner that our troubles are sure to be multiplied during the winter. A little foresight and energy now will place us beyond these worries and risks. Ribes.

DISBUDDING TEAS.

Please tell me how large the teas should be before I cut off the bud and half the stem, as you advised. Is it good to let the plants reach a certain size? Do you pay any attention to the color of the buds? C. A. P.

It is better to allow the buds to show a little color before disbudding, as this is an evidence that the eyes on the flower stem have approached the woody stage at which the eyes are fully developed. If the plants are very small and where cutting off half the flower stem would denude the plant of too large a percentage of foliage, it is better to simply nip off the buds. This is the treatment usually accorded to plants while in two and one-half-inch and three-inch pots. Ribes.

CARNATIONS

CARNATION NOTES.—WEST.

Seasonable Care.

After you have your carnations planted a week or ten days, if you have not allowed them to suffer, you will be able to see that the roots have taken hold. As soon as the plants will hold up fresh without any syringing during the day you should begin to remove the shade by degrees. This removing the shade and getting the plants inured to the strong rays of the sun is almost as severe on the plants as the transplanting was. If it is done too suddenly and the plants are exposed to the fierce sunshine we are apt to have at this time of the year, they will wilt badly and suffer proportionately. A severe check is sure to follow and some of the plants may never recover. The less syringing you did and, of course, kept your plants fresh, the less would your plants suffer, as the growth would have had less chance to become soft.

Great care must be given to watering, too, during the first month after planting. After you can see that the roots have taken hold nicely let the soil get tolerably dry on the surface. Not powder dry, but just dry enough to let the sun sweeten it. While it is tolerably dry go over the beds and stir the soil about a half inch deep and level it off. After the plants have the full sun I like to water the whole bed instead of just around the plants. There is little danger of the soil souring if you allow it to get into the proper condition before each watering and I think the plants do better, as the soil does not get so hot. Keep the soil stirred to keep it sweet and to kill the weeds. If there are any spots that appear to have soured a little, sprinkle on a little air-slaked lime and stir it into the soil, and water carefully thereafter.

Soon after the plants get to going nicely you should begin with your insect preventives. I do not like to smoke during this hot weather, as the ventilators have to be closed while smoking. Far better for the plants is a good spraying with a nicotine extract like To-bakine liquid, which will kill the insects just as well as the tobacco smoke and with less harm to the plants. Spray at least once in two weeks for a preventive, but spray oftener if necessary to eradicate a pest that may have gotten a foothold. Always keep in mind the old adage about the ounce of prevention being worth a pound of cure. If you are troubled with sow-bugs on your place, don't wait until they begin to chew up your plants. Mix some sugar and Paris green and drop a little here and there on the edge-board and you will soon be rid of them. A. F. J. Baur.

CARNATION NOTES.—EAST.

Diseased or Withered Foliage.

Very few varieties pass through the ordeal of transplanting without losing more or less foliage and still less can be said to be free from objectionable if not diseased leaves. Although it is claimed by some that the removal of such foliage is unnecessary and a waste of time, there remains the possibility that the work may not have been properly done.

I will admit it is tedious work at best but aside from the benefit to plants, the improved appearance of a bench so treated, gives the grower a sense of pride. The best help on the place should be set at this work, as carelessness, impatience or rough handling will tend to do more harm than good.

Plants should be established and growing vigorously before beginning the operation and, as it is advisable always to remove all rubbish from the house, choose a time previous to the bench soil being broken up, as this allows those dropped to be more easily gathered.

If the foliage to be removed is completely shriveled there is less liability of damage being done than if partially green and on this account it is not advisable to clean up the plants too soon. Leaning the plants too far sideways when going over them and trying to rush the job by picking the leaves off in handfuls is responsible for injury to tender roots or the breaking down of branches and young shoots; also tearing off bark, and in my opinion the reason for some growers reaching the conclusion that the practice does not pay; but any operation aiding in the admission of air around the stem and lower branches will pay if intelligently done, the more so when it also reduces the chances of disease germs finding a lodging place.

Supports.

The carnation being naturally of sprawly growth, the question of supports can be considered next in importance to good plants, not only that we may obtain straight stems but by actual test it has been found that a plant will give an increased number of blooms if properly supported. Varieties differ somewhat in habit, but in any case the plants should not be crowded into a small compass or tied in a way to bunch the foliage together, for, as before stated, being naturally of sprawly growth, too much restriction will be quickly resented. The air must have free access to every part of the plant.

There are various supports on the market, each having its special advantages. Many growers stretch wire lengthwise of the bench and runs strings across, some adding wire netting bent in shape of an

inverted V between the rows to prevent the lower branches touching the soil.

None of these can be called the ideal, in that one does not meet the requirements of all varieties, so each grower must select means of support to suit the varieties grown or as circumstances permit, the main points to be kept in mind being not to cramp the plants or prevent easy access to soil for the purpose of weeding or cultivation and the application of mulch, fertilizers in dry or in liquid form.

Personally I favor adjustable individual supports on account of the advantage their name would imply, of being adjustable to varieties of different habit. Being independent of each other, any number can be put up or taken down at any time without affecting others.

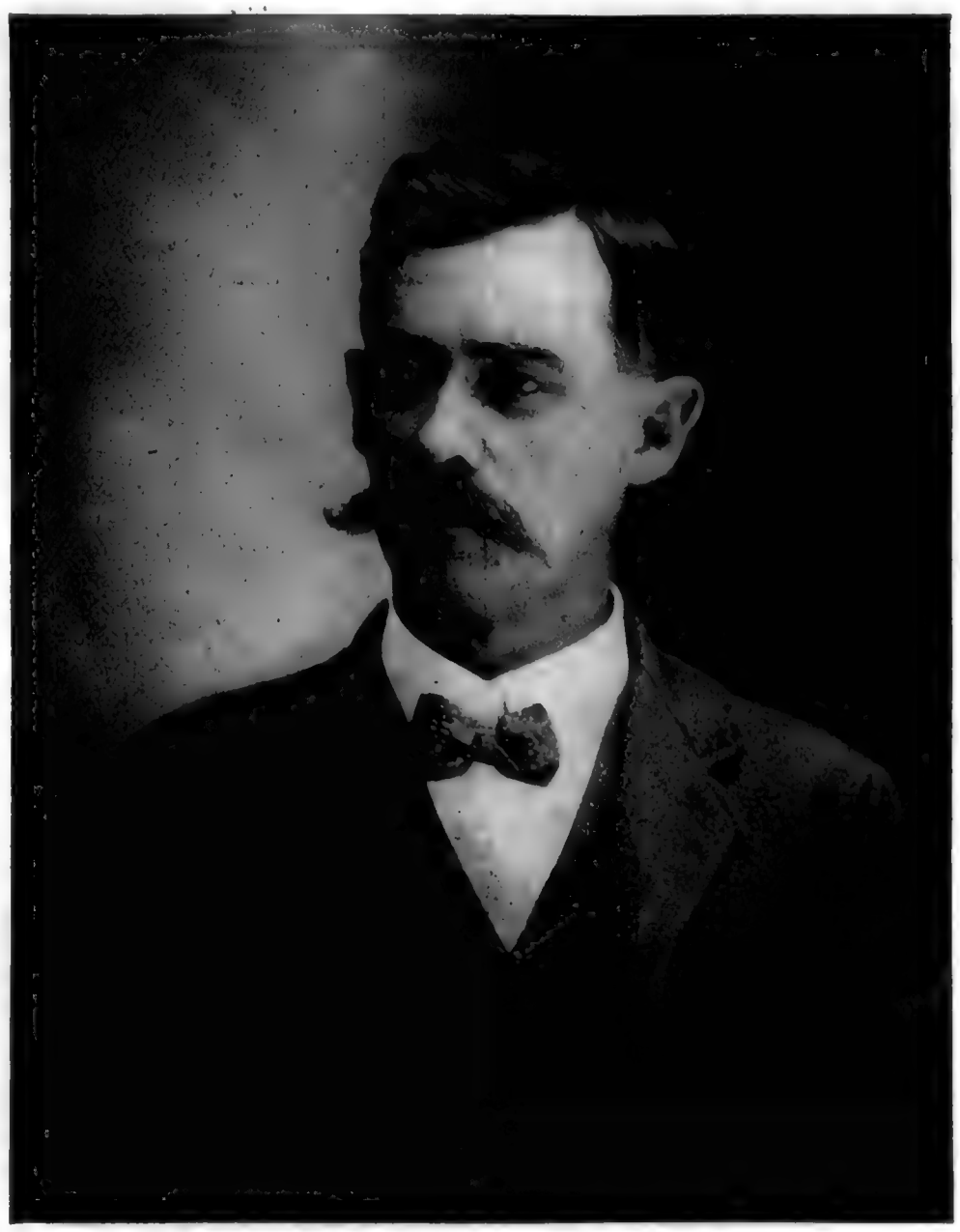
Whatever style is adopted, get the material in readiness, as they will soon be needed in some varieties and much labor will be saved if put up as needed by the several varieties.

GEO. S. OSBORN.

THE BUFFALO SHOW.

The H. A. Meldrum department store at Buffalo announces its third flower show, to be given November 9 to 12, under the auspices of the Buffalo Florists' Club, with Charles H. Keitsch superintendent.

The premium list was prepared by a committee of the Florists' Club and is very liberal. In many respects it is a model for shows of its scope. An effort has been made to avoid too many classes and so distribute the funds at command as to bring out the strongest competition. The premiums for fifty cut mums are $25, $15 and $10 in each color; for twenty-five blooms the premiums are $10, $8 and $6. These classes are open to local growers only, but the same sums are offered for vases of fifty open to all. For 100 blooms in twenty-five varieties $50, $30 and $20 is offered and the same sums for 100 blooms arranged for effect. For twenty-five blooms Wm. Duckham $15 and $10 is offered, $25 for fifty blooms of a variety not yet disseminated, and $25 for the best display of pompons.



Emil Schray, Secretary St. Louis Florists' Club.

The two best vases of 100 carnations will divide $25. For 100 Beauties $50, $35 and $25 is offered. For 100 roses, white, pink and red, $15, $10 and $5 is offered for each color.

Intending exhibitors should address Chas. H. Keitsch, 810 Main street, Buffalo, for a copy of the list.

MISCELLANEOUS SEASONABLE HINTS.

Calceolaria and Cineraria.

There are not many seeds to sow just now, except perhaps some calceolaria and cineraria, both beautiful plants when well grown and poor things when poorly grown. Hundreds of men who are masters, or think they are, of the rose and carnation would make a botch with either of these soft, cheap plants. They are both plants which delight in a cool temperature, so choose the coolest place you have for sowing the seeds, which are best sown in a pan. The seeds of cineraria can be very slightly covered with finely sifted leaf-mold. The calceolaria seed is so small that no covering is needed, just pressed into the smooth surface of the soil is enough. Keep the soil uniformly moist until the little seedlings are up. With these minute seeds you are always in danger of sowing too thickly. Avoid it, if you can. After they are up they should have full light, but as cool and airy a situation as possible.

Ferns for Dishes.

There does not seem to be any decline in the fern-dish business. I am glad to say that all who can afford it now have a bunch of fresh flowers or a pretty dish of growing ferns on the dinner table. Now is the time to buy your stock. Flats of seedling ferns are a good investment, for there is plenty of time to grow them on. If not, buy the smallest plants you can. The ferns we use for this purpose are from various climes and nearly all will endure and like the fullest light and many thrive in a high temperature, but nearly or quite all these ferns want moisture, both in atmosphere and soil, and they dislike anything like fire-heat influence at the roots. I have seen many a nice lot of small 2-inch ferns ruined by warm sand or ashes from hot pipes beneath the bench. Keep their roots cool.

Spraying With Tobacco.

Without wishing to intrude on the specialists in the rose, carnation, chrysanthemum or violet departments, it seems to me that some observations on the use of Nikoteen will not be out of place. It may seem expensive, and for the quantity, about a pint at $1.50 per bottle, it is a costly extract, but a little goes a long ways and what consideration is first cost if $1.50 worth of prevention will produce $50 worth of healthy, good flowers? It kills all aphides, black, green, brown or variegated. It leaves no stain on flowers or foliage, is easily applied, and while it rids you of aphides, it incidentally destroys red spider and thrips.

Smoking Not Obsolete.

Fumigating with tobacco is not likely to be ever entirely obsolete, for in a house of mixed plants, while there may be a few injured by the smoke, it pervades all corners and is a cheap destroyer of aphides, but is of little use against spider and thrips. It is with the specialist, or, rather, with the house of one kind of plant that Nikoteen is most valuable. The strength to which it should

be diluted varies in the opinion of some. One reliable firm says one part Nikoteen to 600 of water. We have used it double this strength with safety. Then, again, the common greenfly that infests our lilies, roses, etc., succumbs to a weaker solution than red spider or thrips. It is almost impossible to apply the spray properly without the automatic sprayer sold by all the seedsmen.

I want to say here that I have not used or seen it used on violets, but I cannot believe that it would be injurious to the foliage of the violets and if it keeps down the greasy black aphis that infests the violet about three quarters of the difficulty of violet culture will be solved.

A first-class rose grower, who also grows carnations, says he uses it for everything. Another good gardener, who grows carnations and chrysanthemums largely, and some violets and mixed stock, says it kills the blackfly on the mums as well as the spider and thrips on any plants. Carnations it keeps clean of everything. The same man volunteered the statement that last fall he sprayed open flowers of white mums just to see the effect and there was no stain or color on their immaculate whiteness.

I have had to remark before that it is well we have these enemies to fight. It is half our business to combat them and if they were non-existent most any old woman, male or female, could produce "posies." At the same time, anything that will relieve the poor florist of some of his troubles will be a blessing and we shall not grow rich any too fast even if we can easily keep down our minute enemies. In the above I have not the slightest motive other than to benefit my brother florists.

For Beetles.

Some weeks ago the writer expressed a desire that a reader of the Review would tell us of some destroyer of the carnation beetle, as we had tried several things and failed. A man of large experience writes me that Slug Shot will kill them. This, as a powder, is easily applied and perfectly harmless to the plants. We have only tried it about a week, but on looking over the beds we did not find any beetles. So far so good.

William Scott.

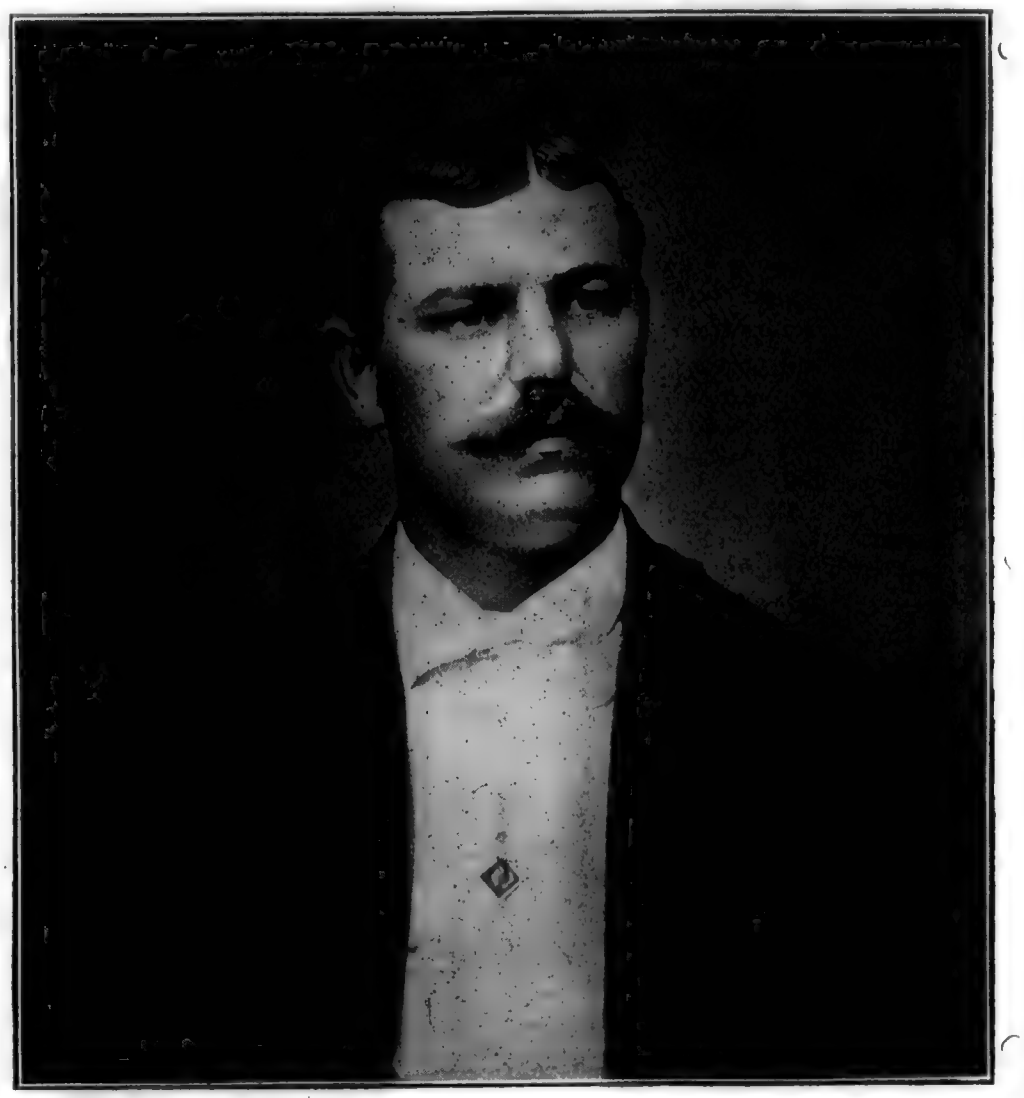
ST. LOUIS HOTELS.

The following circular letter has been sent to the trade and should be noted by everyone who will attend the convention:

This circular is issued to call to your attention the desirability of informing me by return mail of the exact character of accommodations you will want for yourself and other members of your party at the 20th Annual Convention of the Society of American Florists and Ornamental Horticulturists.

It will be impossible to secure reasonable rates at the three or four leading down-town hotels. Many of them are charging what they call room-capacity rates. If one person occupies a room he pays almost as much per day as though it were occupied by two or more people. It will be the policy of the Hotel Committee, of which I am chairman, to room delegates in the smaller family hotels and private homes in the West End, many of which are now opened for the first time to World's Fair visitors. We can procure rooms in residences on direct car lines to the Convention Hall and to the Fair, and about midway between, for from 75 cents each for two persons in a room to $1.50, and for $1.00 to $2.50 for one person in a room.

Please write me on receipt of this as to whether you would like accommodations in a private house, a family hotel, or a temporary structure put up for Fair visitors, and charging from $1.00 to $2.50 per day, depending on whether one or more persons occupy the room.



J. F. Ammann, Chairman Reception Committee, St. Louis Florists' Club.

If you have a large party it might be well to wire me instructions. There are only four or five down-town hotels that will care for visitors at $3.00 a day and under. I am making contracts with these hotels so far as possible. Some of them do not like to make advance engagements. We shall have ample accommodations at reasonable rates and can direct you to your room from Union Station, so that you can go to them from the train, if you will inform us promptly of your needs. We expect to take excellent care of all our visitors, and shall provide through a Bureau at the Convention Hall, Thirteenth and Olive streets, for those who fail to make advance reservation. Advance reservations, however, will facilitate our efforts and greatly convenience those making them.

Very truly,

FRANK M. ELLIS,
Chairman Hotel Committee.

1316 Pine street.

ST. LOUIS WEATHER.

The weather at St. Louis this summer is reported more than ordinarily enjoyable. Here are the highest temperatures for each day so far this month:

Aug. 1	84	Aug. 6	82
Aug. 2	82	Aug. 7	78
Aug. 3	82	Aug. 8	76
Aug. 4	86	Aug. 9	84
Aug. 5	84	Aug. 10	82

WASHINGTON A CANDIDATE.

At a largely attended meeting of the Washington Florists' Club August 2 the following resolution was unanimously adopted:

Resolved, That it is the sense of the Florists' Club of Washington, D. C., that they present a cordial invitation to the Society of American Florists and Ornamental Horticulturists to hold the twenty-first annual convention, August, 1905, in this city, the capital of the greatest nation on earth.

President W. F. Gude adds: "You are all aware we have a gigantic world's fair here at all times, a visit to which is alone worth a week's stay without any convention attractions. The hotel accommodations are second to none in any city; a sight-seeing system, the finest in the world, and attractions too numerous to mention."

WINTER SWEET PEAS.

Referring to notes in the Review for August 4, A. C. Zvolanek writes that the Lake View Rose Gardens, whose methods were commented on by W. S., have used his seed for some years. He gives the following directions:

Christmas, pink.—Sow in the first part of September three to five seeds to one square foot in the bench. If not room ready this time, sow in 4-inch pots outdoors, but never allow to become pot bound. When three to four inches high, plant inside one square foot apart, in good compost soil. Keep moist steady. Give as much air as possible. The temperature should be 45 to 50 degrees at night, 55 to 68 in the daytime. These sweet peas, if attended well, will bloom from Christmas to late in spring. If sown in November, will bloom in February.

Miss Florence Denzer, white.—Sow the first part of September in fresh sand, in a cool, good ventilated propagating bench, and when one to two inches high, plant in 2½ to 3-inch pots. Keep moist and well ventilated. When three to four inches high, plant in good compost soil, one plant to a square foot. Keep wet steady. Give as much air as possible. The temperature should be 45 to 50 degrees at night, 55 to 68 in daytime. These sweet peas will bloom from Christmas to late in the spring. Grows six feet and over. If sown in November, will bloom in February.

THE YOUNGEST FLORIST.

With regard to the notes on the youngest florist which appeared in the Review for August 4, attention is called to the fact that H. L. Menand, of Albany, N. Y., is only 25 years of age, but has already established a fine business in florists' supplies and decorative greens, in which he is the only dealer in the central portion of New York. Mr. Menand is the son of the late Louis Menand, who was one of the oldest and best known florists in the country. The young man proposes to eventually do a general wholesale florists' business, handling cut flowers as well as other supplies. On Wednesday, July 27, he was married to Miss Augusta Clark, of Troy, which

event will probably tend to further stimulate his ambitions.

Another successful young Philadelphia florist is Charles F. Edgar, senior partner in the wholesale firm of C. F. Edgar & Co., who is only 21 years of age. They have a very nice business and bright prospects for the future.

HOLIDAY PLANTS.

[A paper by William Gammage, of London, Ont., read before the Canadian Horticultural association at Ottawa, August 10, 1904.]

My topic may be divided under two or three headings. First, what are holiday plants? This may be answered in one or more ways and depends largely upon the class of trade that the florist is catering to. In establishments where the trade demands only the best and prices are no particular object, the varieties of plants will differ very materially from those offered by an establishment catering to the general public. If you are a retailer, growing and selling your own plants, you will require a larger number of varieties than if you are growing for the wholesale market, and it is with this class that we shall deal first.

Christmas Plants.

As the Christmas holidays will be the first it is now time that preparations were well under way with some of the plants that you will require at that time. In flowering plants Begonia Gloire de Lorraine is probably the leader. These should now be well established in 2½-inch or 3-inch pots. It is not my intention to give cultural instructions for the various plants which will be mentioned but with this one variety there seems to be some lack of knowledge as to how it should be handled. To begin with, cuttings should be made during May and June, either from the leaf or the shoots which come abundantly from the roots of the stock plants. These, if kept growing along in a light, airy house, will make fine plants in 4-inch or 4½-inch pots by the first of September. There is one peculiarity about this variety of begonia, that it will stand what may be termed over-potting; that is, it appears to thrive best in what may be considered a pot one or two sizes too large for any other variety of plant. Of course, great care must be taken in handling it; a careless hand in watering will soon sour the soil and then you may as well dump your plant. Our experience has been that it requires a light shade and for this purpose we have used cheese-cloth on a roller, shading it in bright weather and allowing it the clear glass on cloudy days. The flowers should be kept picked off until about the first week in November, when it should have its last shift into a 5-inch or 6-inch pot. If kept in a temperature of from 58 to 60 degrees, at Christmas it will be at its best and will continue to bloom and give the best of satisfaction for the next three or four months.

Other varieties of plants, which should have immediate attention, are cyclamen, Chinese primrose, Primula obconica, cinerarias and poinsettias. All of these are sold in large quantities and no florist doing a general business can well be without any of the varieties mentioned. In addition to these you will require some azaleas. Such varieties as Deutsche Perle, Vervæneana, Simon Mardner and Apollo are easily brought into bloom for the Christmas holidays in a temperature of from 65 to 70 degrees.



C. A. Kuehn, Superintendent Trade Exhibition.

For the last four or five years Boston ferns have held a prominent place in the list of holiday plants; in fact, their popularity superseded the palm for a time. These are grown in large quantities and if you have not already laid in your stock it is high time that it should be done. Plants that have been grown in the bench during the summer, lifted and potted into 5, 6 or 7-inch pots during September make splendid specimens for the holidays.

Palms, rubbers and araucarias are always in demand and no florist should be without a stock of these. Let me here say, do not delay putting in a stock of these until your customers are asking for them, or the weather becomes cold. You can buy better plants during September or October with less risk and expense in delivering than at a later date. Asparagus plumosus and Sprengeri, in pots and pans, also mixed ferns in pans, are desirable holiday plants. You must not overlook a few Roman hyacinths and Paper White narcissi. For the general florist the above mentioned plants will about fill the bill for the Christmas holidays.

To those catering to the best trade, your time is too valuable to waste on many of the foregoing plants. You can afford only to deal in such varieties as are conveniently handled and will bring prices ranging from $1 up. For these I would recommend Begonia Gloire de Lorraine in 8-inch and 10-inch pans, which should sell at from $3 to $5 each; cyclamens in from 8-inch to 10-inch pans; azaleas from 12-inch to 20-inch crowns; poinsettias in pans and baskets; specimen plants of Boston and Piersoni ferns in pots and pans, from 8-inch to 12-inch and larger; palms, dracænas, pandanuses and such other plants as the trade in your particular locality may demand.

Marketing the Product.

Having made your preparations for the holiday trade, by laying in a good stock of plants, your next attention will be to disposing of them to the best advantage and placing them in your customers' hands in the best possible condition. Your name is your best advertisement; obliging clerks, your store window and a liberal use of the daily press will make the combination necessary to dispose of your stock at this particular season.

Nearly all classes of plants are improved by pot covers of one description or another. Let the clerk who has the best conception of color arrangements select these. Too often we see the beauty of a plant detracted from by an injudicious trimming, be it a pot cover or a ribbon that does not harmonize with the shading of the flower. It is very seldom that nature can be improved upon by adding ribbon to either a flowering or an ornamental plant and its use should be discountenanced by all true lovers of art.

To avoid confusion and mistakes at a busy time, a thorough system must be adopted. As soon as a plant is sold it should be tagged, the cards put in an envelope and carefully attached to the plant and the plant set aside with those of the same date and time to be delivered. Every plant, no matter how small or how large, should be thoroughly wrapped before being sent out for delivery. The name and the address of the person to whom it is to be delivered should be carefully and legibly written on the tag. These are minor details but it is these small details which save time and annoyance, not to say losses, to ourselves and disappointment to our customers.

Forcing and Packing.

Now the wholesale man, who is growing for the trade, will adopt different methods. He will grow but few lines and specialize on these. His experience will teach him the proper time that these should be brought in. Should it happen that he is a little late and has to force hard, in order to have them in on time, he must not forget that satisfaction to his customers must be his first consideration, and in order that his plants may prove satisfactory they must have a few days in a house of cooler temperature to prepare them for the store man or customer. His crop having been prepared, his next step is to advise his customers what he has on hand, giving in detail their exact condition and value. As soon as orders are received they should be acknowledged, so that customers may depend upon getting what they have ordered.

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Easter Plants.

Once the Christmas holidays are over preparations for the next great event in the plantsman's year, Easter, must be attended to. The varying dates on which Easter falls must always be borne in mind, so that you may govern your crop accordingly. For the Easter holiday a number of different varieties of plants than those forced for the Christmas holidays will be used.

First and foremost are Easter lilies, either longiflorum or Harrisii. For pot plants I consider the 7-9-inch bulbs the best size. There is a difference of opinion how these should be grown, some contending that they should first be potted in 4 or 4½-inch pots and then shifted up into 6 or 7-inch as the plants come along. Others say that they should be potted in the pot in which they are to bloom. The only difference that I can see is a slight economy of space in their early stages. From my several years' experience in growing and handling these I see but little difference in the result when handled by careful growers. There is just one essential point to always bear in mind: From the time a lily starts growing it should never receive a check, for if it does, any germs of disease that are lying dormant are sure to develop. Nor can you gauge its date of flowering with the same degree of success as if it had not received a check.

There are a number of brands of Lilium longiflorum on the market but I do not think that there is any material difference between them. The main object is to have good, sound, well-ripened bulbs. Under the same conditions, longiflorum will come in if started from four to five weeks later than Harrisii. While the lily is the Easter flower par excellence, it is also the most expensive to grow and hardest for the store men to handle.

Other plants that will need immediate attention are hydrangeas, Crimson Rambler and hybrid perpetual roses. These should be brought in and started into growth in a moderate temperature, gradually increasing it, governed by the time at your disposal.

Azaleas that are to be held for Easter should be kept in a cool house, with an even temperature, free from drip or excessive moisture. Other varieties of plants such as metrosideros, lilacs, rhododendrons, deutzias, etc., will not need to be brought in before the last week in February or the first in March.

Among the soft-wooded plants the improved varieties of pelargoniums are going to take a prominent place as Easter plants. These if propagated during September and October, and kept growing along, will make fine, bushy plants in 5 or 6-inch pots, with from six to ten large trusses of flower, by the first of April. They are easily handled, very floriferous and find a ready sale, giving customers as good satisfaction as an azalea or a Crimson Rambler and will yield a better profit to the grower. Spiræa or astilbe is also a prominent Easter plant and is sold in large quantities. Dutch bulbs should not be lost sight of. Pans of hyacinths, tulips and narcissi, in their various varieties, are sold in large quantities and are easily brought in at the right time. Three weeks in a moderate temperature is all that is required to bring them to perfection. Lilies of the valley and forget-me-nots in pots and pans are also desirable. It will also be necessary to prepare a few foliage plants, such as Boston and Piersoni ferns, palms and rubbers, but let your main effort be to prepare a stock of good flowering plants for the Easter trade. Of all the holidays in the year, Easter is the one on which most flowering plants are used. Its associations are of a joyous nature and all people, be they rich or poor, high or low, are imbued with the happiness attending the occasion and want something bright and cheerful, in keeping with their feelings.

The same care in handling and delivering plants as mentioned for the Christmas trade will apply at all times. Easter lilies are very hard to handle without bruising. For shipping, the best method that we have found is to allow the plants to become somewhat dry, so that the flowers will be just a trifle wilty, and each individual flower and bud wrapped in cotton batting. The plants should be firmly staked and each row should be cleated into the cases and a top cleat nailed across the case just below the buds and each row of plants tied to this cleat. If this work is thoroughly done you will have no drawbacks or rebates to make for bruised flowers while in transit.

Prospects in Canada.

There are a number of plants that I have not mentioned which might be brought in for the holidays, such as freesias, ericas, ardisias, capsicums, bougainvillea, etc. You are all familiar with the handling of them and I do not need to go into details. The demand in your locality must govern you largely in what you grow. It is well, from year to year, to change the varieties that you are growing, dropping some that you find the demand decreasing on and adding others that are likely to create a demand. That the demand is increasing, and will continue to do so, is without a question of doubt. The time was when all our efforts were concentrated in endeavoring to have a sufficient supply of cut flowers to fill the demand, but gradually plants are superseding this demand and, while at holiday times there will always be a demand sufficient to take all the cut flowers that can be produced, the demand for both plants and cut flowers is not



The Anheuser-Busch Bowling Trophy.

likely to be overdone for some time to come, for the growth of our country is such that her ultimate possibilities are greater and grander than all the European and American states combined.

VIOLETS.

[A paper by Wm. Fendley, of Brampton, read before the Canadian Horticultural Association at Ottawa, Ont., August 10.]

I was asked to open a discussion on the culture of violets. As I am here before you, I am in your hands—and in my few remarks, if I should overlook anything you would like to ask about, speak up, for this is the place for discussion, and I will answer any questions to the best of my ability.

I have been growing violets for the past ten years and I am learning their habits better every year. In the first place, I am sure that sand-rooted cuttings are the best, as you get young, sappy growth to start your plants from. I root them very slowly, taking runners from only the best plants. This applies to both single and double varieties, especially doubles. You should never take stock from poor plants. Take only the strongest runners. After the cuttings are well rooted, prick them off on a piece of bench, not too close together, so that they will not be crowded when planting-out time comes.

My method is to plant singles in the field in May and doubles in the beds where they are to stay for next season's crop, as I have found, to my sorrow, that the double violet is a very slow root actor. That is to say, roots that will throw blooms. It is not so with the singles. I think it is hard to kill them.

Violets want good drainage. I honestly believe there are more violets spoiled with overwatering than there are by going too dry. Never let your plants go to bed damp. Water only on bright days. Keep the house at 38 to 40 degrees if you want good color and plenty of fragrance. A good violet should have a stem twelve to fourteen inches long, with bloom not smaller than our half dollar. The stem should hold the bloom upright.

On the other hand, if you are going in for quantity, not quality, run your houses at 48 to 50 degrees and you will have plenty of nice foliage and pale blooms with weak stems. I plant doubles from nine to ten inches apart and singles ten to twelve inches apart, according to the size of plants when lifting from the field.

I have often been asked the question, what is a good cut for this house? For the month of February this year I cut 64,775 violets. I expect to have four times as many the coming season as I had this.

BOWLING PRIZES.

There is an embarrassment of riches in the bowling department for the St. Louis convention. Aside from the large number of prizes arranged for by the St. Louis committee, including the handsome silver loving cup offered by the Anheuser-Busch Co., Treasurer H. B. Beatty, of Oil City and Pittsburg, has offered a loving cup for the team contest and three handsome pieces of silver for the ladies.

W. F. Kasting has offered a splendid, massive solid silver loving cup as a perpetual challenge trophy. This is a most excellent idea, as the team winning it at the convention will doubtless feel called upon to defend it against all comers at any time of the year. Mr. Kasting is well known as never doing anything by halves and the trophy is naturally one of the handsomest for which florists' bowling teams have ever been privileged to compete. A picture of it appears in this issue.



The Kasting Challenge Championship Bowling Trophy.

The men's trophy offered by Mr. Beatty is a loving cup in sterling silver, standing about twenty-two inches high, with three handles. This divides the cup into three panels, handsomely ornamented. The third panel has the words "H. B. Beatty trophy, won by," with room left for the name of the winner. At the base of the cup are bowling balls and pins finished in black to contrast with the silver. The base is ebony.

The first prize for the ladies is a beautiful flower vase in sterling silver, about eighteen inches high. On one side is etched the words "St. Louis, 1904," with the figure of a woman about to roll a ball. On the other side of the vase are the words "H. B. Beatty trophy, won by," with a shield left for the name of the winner.

The ladies' second prize is a rich comport for fruit in sterling silver. It stands six inches high, the top being decorated with the etching of a woman about to roll a ball. Above are the words "H. B. Beatty trophy," underneath the words "Ladies' Prize." The base is decorated with two panels. A plain shield is then left for the name of the winner.

The consolation prize is a dainty vase in sterling silver that stands about ten inches high, the top and bottom being ornamented with a beautiful floral wreath. On the vase are very artistically etched the words "St. Louis, 1904, consolation prize." Below this two crossed pins and a ball underneath. On the other side are the words "H. B. Beatty trophy, won by," with a shield for the name of the winner.

FRENCH BULBS.

Now that the season has arrived when French-grown bulbs become a subject of general attention on the part of seedsmen, these notes will probably be read with interest.

Everybody knows that the French bulbs are especially adapted for forcing, as they have been grown in a warm climate. Yet it is principally during the autumn, winter, and spring months that attention is important. The bulbs planted in August flower in December, and continue to do so until the end of March without any other warmth than that of the sun. Though it is a fact that some cold days occur in winter-time (sometimes there is a strong, cold wind, called the mistral), yet we have many beautiful days which may compete with the finest summer days in England. Frost is nearly unknown. Thousands of people here have never seen other than artificial ice; natural ice of ¾-inch thickness only occurs in exceptional winters. Rarely does the temperature fall below freezing point.

During the warm days and the scanty rainfall of March, April, and May, the bulbs must be planted in such a manner that they can be easily watered. The watering is such an important matter that it affects the results of a year's work.

The bulbs are planted either in single or double rows right across the field; between every row (single or double) is a distance of eight inches. This space is used for a path, and for convenience when watering, and is a little hollowed.

The water coming from the hills is stored in small canals, from which many gardens obtain their supply. From the principal canal a branch runs to all the gardens of the same grower. One shallow path along all the rows of bulbs has a dyke across at every row. When the lock by which it is connected with the branch canal is opened, the water finds its way instantly along the first path. When this is full from end to end, the first little dyke is removed, and the water runs on into the second path. When this is full from end to end, the second little dyke is removed, then the water fills the third path, and so on.

This way of watering is very quick, though it calls for much attention. It

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Once the Christmas holidays are over preparations for the next great event in the plantsman's year, Easter, must be attended to. The varying dates on which Easter falls must always be borne in mind, so that you may govern your crop accordingly. For the Easter holiday a number of different varieties of plants than those forced for the Christmas holidays will be used.

First and foremost are Easter lilies, either longiflorum or Harrisii. For pot plants I consider the 7-9-inch bulbs the best size. There is a difference of opinion how these should be grown, some contending that they should first be potted in 4 or 4½-inch pots and then shifted up into 6 or 7-inch as the plants come along. Others say that they should be potted in the pot in which they are to bloom. The only difference that I can see is a slight economy of space in their early stages. From my several years' experience in growing and handling these I see but little difference in the result when handled by careful growers. There is just one essential point to always bear in mind: From the time a lily starts growing it should never receive a check, for if it does, any germs of disease that are lying dormant are sure to develop. Nor can you gauge its date of flowering with the same degree of success as if it had not received a check.

There are a number of brands of Lilium longiflorum on the market but I do not think that there is any material difference between them. The main object is to have good, sound, well-ripened bulbs. Under the same conditions, longiflorum will come in if started from four to five weeks later than Harrisii. While the lily is the Easter flower par excellence, it is also the most expensive to grow and hardest for the store men to handle.

Other plants that will need immediate attention are hydrangeas, Crimson Rambler and hybrid perpetual roses. These should be brought in and started into growth in a moderate temperature, gradually increasing it, governed by the time at your disposal.

Azaleas that are to be held for Easter should be kept in a cool house, with an even temperature, free from drip or excessive moisture. Other varieties of plants such as metrosideros, lilacs, rhododendrons, deutzias, etc., will not need to be brought in before the last week in February or the first in March.

Among the soft-wooded plants the improved varieties of pelargoniums are going to take a prominent place as Easter plants. These if propagated during September and October, and kept growing along, will make fine, bushy plants in 5 or 6-inch pots, with from six to ten large trusses of flower, by the first of April. They are easily handled, very floriferous and find a ready sale, giving customers as good satisfaction as an azalea or a Crimson Rambler and will yield a better profit to the grower. Spiræa or astilbe is also a prominent Easter plant and is sold in large quantities. Dutch bulbs should not be lost sight of. Pans of hyacinths, tulips and narcissi, in their various varieties, are sold in large quantities and are easily brought in at the right time. Three weeks in a moderate temperature is all that is required to bring them to perfection. Lilies of the valley and forget-me-nots in pots and pans are also desirable. It will also be necessary to prepare a few foliage plants, such as Boston and Piersoni ferns, palms and rubbers, but let your main effort be to prepare a stock of good flowering plants for the Easter trade. Of all the holidays in the year, Easter is the one on which most flowering plants are used. Its associations are of a joyous nature and all people, be they rich or poor, high or low, are imbued with the happiness attending the occasion and want something bright and cheerful, in keeping with their feelings.

The same care in handling and delivering plants as mentioned for the Christmas trade will apply at all times. Easter lilies are very hard to handle without bruising. For shipping, the best method that we have found is to allow the plants to become somewhat dry, so that the flowers will be just a trifle wilty, and each individual flower and bud wrapped in cotton batting. The plants should be firmly staked and each row should be cleated into the cases and a top cleat nailed across the case just below the buds and each row of plants tied to this cleat. If this work is thoroughly done you will have no drawbacks or rebates to make for bruised flowers while in transit.



The Anheuser-Busch Bowling Trophy.

Prospects in Canada.

There are a number of plants that I have not mentioned which might be brought in for the holidays, such as freesias, ericas, ardisias, capsicums, bougainvillea, etc. You are all familiar with the handling of them and I do not need to go into details. The demand in your locality must govern you largely in what you grow. It is well, from year to year, to change the varieties that you are growing, dropping some that you find the demand decreasing on and adding others that are likely to create a demand. That the demand is increasing, and will continue to do so, is without a question of doubt. The time was when all our efforts were concentrated in endeavoring to have a sufficient supply of cut flowers to fill the demand, but gradually plants are superseding this demand and, while at holiday times there will always be a demand sufficient to take all the cut flowers that can be produced, the demand for both plants and cut flowers is not

likely to be overdone for some time to come, for the growth of our country is such that her ultimate possibilities are greater and grander than all the European and American states combined.

VIOLETS.

[A paper by Wm. Fendley, of Brampton, read before the Canadian Horticultural Association at Ottawa, Ont., August 10.]

I was asked to open a discussion on the culture of violets. As I am here before you, I am in your hands—and in my few remarks, if I should overlook anything you would like to ask about, speak up, for this is the place for discussion, and I will answer any questions to the best of my ability.

I have been growing violets for the past ten years and I am learning their habits better every year. In the first place, I am sure that sand-rooted cuttings are the best, as you get young, sappy growth to start your plants from. I root them very slowly, taking runners from only the best plants. This applies to both single and double varieties, especially doubles. You should never take stock from poor plants. Take only the strongest runners. After the cuttings are well rooted, prick them off on a piece of bench, not too close together, so that they will not be crowded when planting-out time comes.

My method is to plant singles in the field in May and doubles in the beds where they are to stay for next season's crop, as I have found, to my sorrow, that the double violet is a very slow root actor. That is to say, roots that will throw blooms. It is not so with the singles. I think it is hard to kill them.

Violets want good drainage. I honestly believe there are more violets spoiled with overwatering than there are by going too dry. Never let your plants go to bed damp. Water only on bright days. Keep the house at 38 to 40 degrees if you want good color and plenty of fragrance. A good violet should have a stem twelve to fourteen inches long, with bloom not smaller than our half dollar. The stem should hold the bloom upright.

On the other hand, if you are going in for quantity, not quality, run your houses at 48 to 50 degrees and you will have plenty of nice foliage and pale blooms with weak stems. I plant doubles from nine to ten inches apart and singles ten to twelve inches apart, according to the size of plants when lifting from the field.

I have often been asked the question, what is a good cut for this house? For the month of February this year I cut 64,775 violets. I expect to have four times as many the coming season as I had this

BOWLING PRIZES.

There is an embarrassment of riches in the bowling department for the St. Louis convention. Aside from the large number of prizes arranged for by the St. Louis committee, including the handsome silver loving cup offered by the Anheuser Busch Co., Treasurer H. B. Beatty, of Oil City and Pittsburg, has offered a loving cup for the team contest and three handsome pieces of silver for the ladies.

W. F. Kasting has offered a splendid, massive solid silver loving cup as a perpetual challenge trophy. This is a most excellent idea, as the team winning it at the convention will doubtless feel called upon to defend it against all comers at any time of the year. Mr. Kasting is well known as never doing anything by halves and the trophy is naturally one of the handsomest for which florists' bowling teams have ever been privileged to compete. A picture of it appears in this issue.



The Kasting Challenge Championship Bowling Trophy.

The men's trophy offered by Mr. Beatty is a loving cup in sterling silver, standing about twenty-two inches high, with three handles. This divides the cup into three panels, handsomely ornamented. The third panel has the words "H. B. Beatty trophy, won by," with room left for the name of the winner. At the base of the cup are bowling balls and pins finished in black to contrast with the silver. The base is ebony.

The first prize for the ladies is a beautiful flower vase in sterling silver, about eighteen inches high. On one side is etched the words "St. Louis, 1904," with the figure of a woman about to roll a ball. On the other side of the vase are the words "H. B. Beatty trophy, won by," with a shield left for the name of the winner.

The ladies' second prize is a rich comport for fruit in sterling silver. It stands six inches high, the top being decorated with the etching of a woman about to roll a ball. Above are the words "H. B. Beatty trophy," underneath the words "Ladies' Prize." The base is decorated with two panels. A plain shield is then left for the name of the winner.

The consolation prize is a dainty vase in sterling silver that stands about ten inches high, the top and bottom being ornamented with a beautiful floral wreath. On the vase are very artistically etched the words "St. Louis, 1904, consolation prize." Below this two crossed pins and a ball underneath. On the other side are the words "H. B. Beatty trophy, won by," with a shield for the name of the winner.

FRENCH BULBS.

Now that the season has arrived when French-grown bulbs become a subject of general attention on the part of seeds men, these notes will probably be read with interest.

Everybody knows that the French bulbs are especially adapted for forcing, as they have been grown in a warm climate. Yet it is principally during the autumn, winter, and spring months that attention is important. The bulbs planted in August flower in December, and continue to do so until the end of March without any other warmth than that of the sun. Though it is a fact that some cold days occur in winter-time (sometimes there is a strong, cold wind, called the mistral), yet we have many beautiful days which may compete with the finest summer days in England. Frost is nearly unknown. Thousands of people here have never seen other than artificial ice; natural ice of ¾-inch thickness only occurs in exceptional winters. Rarely does the temperature fall below freezing point.

During the warm days and the scanty rainfall of March, April, and May, the bulbs must be planted in such a manner that they can be easily watered. The watering is such an important matter that it affects the results of a year's work.

The bulbs are planted either in single or double rows right across the field; between every row (single or double) is a distance of eight inches. This space is used for a path, and for convenience when watering, and is a little hollowed.

The water coming from the hills is stored in small canals, from which many gardens obtain their supply. From the principal canal a branch runs to all the gardens of the same grower. One shallow path along all the rows of bulbs has a dyke across at every row. When the lock by which it is connected with the branch canal is opened, the water finds its way instantly along the first path. When this is full from end to end, the first little dyke is removed, and the water runs on into the second path. When this is full from end to end, the second little dyke is removed, then the water fills the third path, and so on.

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has the advantage that no leaves get wet. Where the gardens have no main canal, they have a water-pit of ten, fifteen or more metres deep (a metre is a little over a yard). A horse pumps up the water. Besides these gardens, there are others which cannot be watered at all, but depend entirely on the rainfall.

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All gardens which depend on the rainfall for their supply of water are called "campagne." In April and May rain falls but seldom, and sometimes these gardens suffer much from want of water. The warmth of the sun makes the soil dry and very hard, and the plants do not grow. Generally vines are planted which resist much drought, though the bulbs grow there very well, if it rains at the right time; if it does not they remain small. However, many growers consider these small bulbs just as good as the bigger ones from the "gardens." The bulb from the latter retains a good deal of water, and is not as firm and resistant as a bulb from the "campagne."

A bulb from this locality has been grown under difficulties, and has, as regards water, never known what plenty means, and has never been able to store so much water, for nearly all the water taken up by the roots has evaporated from the leaves. A bulb from the "gardens" however, can always store more water, and never suffer. The difference between these two is that a bulb from the "campagne" of 12 cent. circumference has more substance than one from the "gardens" of 12 cent. Now suppose that both under the same circumstances do the same work of producing a flower when forced. From which are you likely to have the best results? Is the grower right when he says that a bulb of 11 cent. from the "campagne" has the same vigor as one of 12 cent. from the "gardens"? If there was ever a deficiency of bulbs of a certain size, the "campagne" bulbs of 1 cent. less circumference would surely prove good substitutes. But if rain falls at the proper time the bulbs from the "campagne" may attain to the same dimensions.

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I am glad to say the relations between employer and employe are of a satisfactory nature but there seems to be a scarcity of good plantsmen, which is a decided disadvantage. I think the employer is somewhat to blame for this. All other businesses make their skilled help from the boys. Why should not we do so? In some establishments I have seen it done most successfully. I do not know of any business that furnishes so good a field for employment as the florists' trade.

At the present day, in the horticultural world, the most noticeable subject is the growing use and popularity of hardy plants and flowers. It is a subject the commercial florist has to interest himself in and with our visit to the Experimental Farm and Mr. Macoun's paper should lead to discussion that will be a profit to all.

The greatest good that we get from attending these sessions is from a general discussion of the various subjects as they come up, therefore I hope that when this convention closes there will not be one member who has not risen in session and spoken on some subject. All are not orators, and the silent one often knows a lot. We want to share that knowledge and to express our ideas here is only like talking to a family gathering.



The H. B. Beatty Bowling Trophy.

FUMIGATING.

I have a house of asters in which the thrips are doing considerable damage. As ordinary means have proved unavailing, would it be safe to fumigate with hydrocyanic acid gas? In a recent article on the use of this fumigant you said that the ventilators should be opened from the outside. How? A. A. W.

It would be very risky to try the gas on a houseful of asters in bloom. In quantities strong enough to kill thrips, it would be very likely to kill the plants as well. In regard to raising ventilators to let gas escape, two or thre- should be arranged so that they may be opened with a rope from the outside. Then, after one-half hour has elapsed, the house may be entered and the others opened in the usual way. It is much more efficient to use a strong gas for a short time than a weaker one for a long time. In most cases, it is not at all advisable to let the gas stay in the house over night. E. F. SMITH.

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The plant trade has made rapid strides, the only drawback being the want of uniform prices. There is no reason why there should not be; there are not so many of us in most cities to make it difficult. The country at present is not over-producing and for the last two or three years we have found that the supply was hardly up to the demand. Could this be arranged, it would benefit all.

The old subject of duty on azaleas and other plants is still open to our discussion. I am afraid we shall find, on hearing the reports, that our case is still in abeyance. It looks as if the Minister considers it too small a matter to bother with; therefore, now is the time for the C. H. A. by persistently advocating our claims to convince the Minister that it is of great consequence to us. There was an attempt made by a member of the trade to get the duty taken off new introductions in the way of carnations, etc., from the States. This, as they are a benefit to our country and cannot be procured in any other way, is a just demand. I have not heard how successful he was.

I am glad to say the relations between employer and employe are of a satisfactory nature but there seems to be a scarcity of good plantsmen, which is a decided disadvantage. I think the employer is somewhat to blame for this. All other businesses make their skilled help from the boys. Why should not we do so? In some establishments I have seen it done most successfully. I do not know of any business that furnishes so good a field for employment as the florists' trade.

At the present day, in the horticultural world, the most noticeable subject is the growing use and popularity of hardy plants and flowers. It is a subject the commercial florist has to interest himself in and with our visit to the Experimental Farm and Mr. Macoun's paper should lead to discussion that will be a profit to all.

The greatest good that we get from attending these sessions is from a general discussion of the various subjects as they come up, therefore I hope that when this convention closes there will not be one member who has not risen in session and spoken on some subject. All are not orators, and the silent one often knows a lot. We want to share that knowledge and to express our ideas here is only like talking to a family gathering.



The H. B. Beatty Bowling Trophy.

FUMIGATING.

I have a house of asters in which the thrips are doing considerable damage. As ordinary means have proved unavailing, would it be safe to fumigate with hydrocyanic acid gas? In a recent article on the use of this fumigant you said that the ventilators should be opened from the outside. How? A. A. W.

It would be very risky to try the gas on a houseful of asters in bloom. In quantities strong enough to kill thrips, it would be very likely to kill the plants as well. In regard to raising ventilators to let gas escape, two or three should be arranged so that they may be opened with a rope from the outside. Then, after one-half hour has elapsed, the house may be entered and the others opened in the usual way. It is much more efficient to use a strong gas for a short time than a weaker one for a long time. In most cases, it is not at all advisable to let the gas stay in the house over night. E. F. SMITH.

ASTERS AND BOSTONS.

The accompanying illustration is reproduced from a photograph taken at the establishment of Davis Bros., Geneva, Ill., July 10. These gentlemen are known as specialists on the Boston fern but the picture, which shows only about one-fourth of their field of 30,000 plants, proves that their influence on the aster market in Chicago is not small. They state, however, that the prospects are not so good as they might be because of the effect of the drouth on the later varieties. The early sorts are doing all right but over 10,000 plants of later varieties were a total loss because of dry weather.

It has often been predicted that there would be an oversupply of Boston ferns, but Davis Bros. report the demand as good as ever. Last year they grew 50,000 in their two places, at Geneva and at Morrison, Ill., and might have sold more.

CHICAGO.

The Market.

The cut flower market is still quiet; in fact, last week was rather more dull that its predecessors, the shipping demand on Thursday being reported as the lightest at any time this season. Good roses continue to be actively sought. The cuts of Beauty are showing something of an increase and the length of stem is also gaining and most wants in this department can now be supplied. The work of thrips is apparent. There are few Brides or Bridesmaids with any size or length of stem. Where a retailer has an order which calls for good work he has difficulty in obtaining the material, for all the wholesale houses are holding on to what good roses they get for the benefit of their out-of-town customers. There are plenty of Liberty with short stems. Few Kaiserins are seen and they bring good prices. There are few indoor carnations but the receipts of outdoor flowers are increasing and the quality is fully up to the average for this class of stock.

The aster continues to be the dominant flower. All colors are now available in practically all grades, although the best stock is not plentiful. There are large quantities of the low grades which are difficult to move at any price. Stemrot and all the other ills the aster is heir to are reducing the cuts. Sweet peas are still abundant, but the quality is deteriorating. Few lilies are offered other than auratums, which are not bringing fancy figures.

Many of the retailers are using water lilies for their window decorations. Gladioli are also largely used, for they can be had at very reasonable prices and make a good show. Rudbeckias are seen everywhere. There are all kinds of green goods in plenty and prices are very low.

To St. Louis.

The Chicago Florists' Club will leave for St. Louis at 11 a. m., Monday, August 15, on the Wabash, the depot foot of Dearborn street. A round trip rate of $8 has been obtained, tickets good for ten days. There will be parlor cars on the train, for which the usual extra charge of $1 will be made. All those who are going should notify P. J. Hauswirth, either by phone or postal card, in order that the committee may make arrangements for the accommodation of all. There will be a good crowd.

Various Notes.

The Chicago daily papers are giving considerable space to the action of Peter Reinberg and Nicholas Mann in providing a site and the nucleus for the building fund of a new Catholic church at Summerdale, near the greenhouses. The following is from the Inter Ocean:

Alderman Peter Reinberg, known as the "carnation king," told "Nick" Mann, his neighbor, a few months ago that he would give $1,000 in cash for every fifty-foot lot Mann would give for a new Catholic Church in Summerdale. Mann thought 150 feet would be enough. Alderman Reinberg induced him to raise it to 250 feet, and has given $5,000 toward the building. Architects are at work on the plans of the church. The first affair of several to be arranged for the building fund of the new church took place Wednesday afternoon and evening. It was a lawn fete at Alderman Reinberg's residence, 3468 North Robey street.

The Geo. Wittbold Co. will open a new and handsomely fitted up retail store at 803 Dempster street, Evanston, with Wm. Wadsworth in charge. They are remodeling their Buckingham place retail store, making it thoroughly modern in every respect. Just at present they are badly torn up there.

Weiland & Risch have practically completed their planting. They are already getting a nice cut from the young Beauty plants.

A. Dietsch is enjoying exceptionally good health this summer. Young Mr. Dietsch will represent the firm at St. Louis next week.

Wietor Bros. are getting some good long-stemmed Beauties, but the weather is still too hot for large buds.

C. M. Dickinson has been confined to his home again this week, after being down town only a couple of times since the trouble with his throat began. W. E. Lynch is again on duty after two weeks of vacation in Michigan.

Mr. and Mrs. O. P. Bassett are at Lake Geneva for a week.

Oscar Friedman has all arrangements completed for opening a new store at Thirty-fifth street and Michigan avenue.

Mrs. A. M. Schafer is sending Percy Jones a nice cut of Kaiserins.

D. W. Brant is cutting indoor-grown asters that rival the early mums. The plants were grown in the propagating house after the young stock was out of the way and a good part of the crop has brought $8 per 100.

Joe Craig lost his eldest son, John, aged 19, on August 6. The funeral was held on Tuesday.



House of Boston Ferns at Davis Bros.', Geneva, Ill.

ST. LOUIS.

The Market.

The weather here is very cool. The thermometer last week was down to 60 degrees, and, according to the daily press, we were the coolest city on the map. Just such weather is promised for convention week.

Business is still slow in all branches and there is not much to report this week, as we are all too busy with convention work. There seems to be plenty of cut stock in all the wholesale houses. Among the roses Kaiserins are about the best that come in; also a few good Carnots are seen. Brides and Maids are of poor quality. With so little going on it is hard to dispose of them at any price and only the extra choice bring $4 to $5 per 100. Good Beauties are hard to find. Those that come in are very poor. Some extra good white carnations are seen, but the colored stock is of very poor quality. The price per 100 is 75 cents to $2. Asters are a great glut. These are selling from $2 to $6 per 1,000 in mixed colors. W. F. Kasting, of Buffalo, is consigning a big lot to this market, which are of fine quality. Sweet peas had a good season, but are about over. The average price for them was fairly good. Gladioli, too, are a drug. Many of them are sold cheap for window decorations. All other outdoor stock is selling slowly. Good valley and smilax are still to be had.

Convention Notes.

Nothing but convention is heard among the craft and the reports from the different chairmen at a recent meeting are as follows:

Fred Ammann says that his committee has everything complete. This committee will receive the visiting S. A. F. delegates at the Union Station from Monday morning to Tuesday noon to escort them to their hotels, so look out for reception committee badges when you arrive.

The writer has charge of the President's reception and has a big surprise in store. Those who fail to attend will miss a great treat.

Fred C. Weber and his committee, assisted by the Ladies' Bowling Club, have completed all arrangements to take care of all the visiting ladies on Wednesday, the day set aside for them. This will be one of the features of the meeting.

Carl Beyer and Robert Tesson, chair-

men of the bowling and shooting committees, are hard at work at this writing, completing all their arrangements, which they say will eclipse any attempt at former meetings.

Henry Ostertag's decorating committee will be at work by the end of this week, decorating both halls. This committee are all experts at the art of decorating and something fine may be expected.

Superintendent Kuehn and his assistant, Mr. Meinhardt, are spending most of their time at the exhibition hall, receiving exhibition goods. Everything is in readiness for the exhibitors and most of them have sent word that they would be here on Saturday to begin work on their exhibits.

Secretary Stewart, of the S. A. F., in a letter writes that he will be here on Sunday night and will be at the convention hall early Monday morning.

The finance committee, of which Otto Koenig is chairman, has completed its work. They report that they have plenty of funds on hand for all expenses, which is a very important matter.

Frank Ellis is working overtime with his hotel committee, but they are equal to the task and all applications for rooms are promptly complied with. As Mr. Ellis says, "They can't come too fast for us."

The souvenir book is out and now in the hands of the S. A. F. members. If anyone is overlooked, he should advise J. J. Beneke, 1220 Olive street.

Bowling.

The last games before the convention resulted as follows:

Stars.	1st	2d	3d	T'l
Beneke	167	174	234	575
Kuehn	174	159	124	457
Miller	145	138	165	448
Beyer	133	162	130	425
Ellison	200	137	200	537
Totals	819	770	853	2,442
Scrubs.	1st	2d	3d	T'l
Ellis	137	101	105	345
Meinhardt	136	141	135	410
Weber	188	136	143	467
Gerlach	113	120	87	310
Beneke, Jr.	120	149	121	390
Handicap	125	125	125	375
Totals	819	772	714	2,297

J. J. B.

BUFFALO.

There is nothing in the business here worthy of much moment, yet it is fully equal to, perhaps a little ahead of, corresponding periods of other years. Our climate is so salubrious, enjoyable and invigorating that everyone feels good. No heat prostrations and no mosquitoes.

John Esler, of Saddle River, N. J., was telling me, in a letter last week, that he had a Buffalo friend staying with him over night recently. On inquiring how he slept, the Buffalo man said: "Nicely, but what a lot of automobiles you have here. They were passing all night." John replied, "My dear sir, they were not automobiles; they were mosquitoes."

Carnations are at the very lowest point. It is just as well; it gives the public a rest. Asters are in abundance. Sweet peas are still fine and in good demand, and what glorious shades of color we have in them now! I suppose we owe this largely to Mr. Eckford, whom the writer, then a little boy of 10 or 12 years, knew very well, when Mr. Eckford was a fine, broad-shouldered young man, gardener to a Dr. Martin, a pioneer in dentistry, at a pretty place called Purbrook, in the county of Hants. Dr. Martin would look in your mouth for $5, pull a tooth for $10, or supply an artificial one for $50, or a whole set for $1,000. No wonder he could keep a first-class gardener. But excuse my being reminiscent; 'tis but a falling of the sunset of life.



Asters at the Establishment of Davis Bros., Geneva, Ill.

There are so few gladioli grown locally that we are never overdone. A flower that is most useful now is the lancifolium lily. The auratum is used in large designs, where taste and smell are not too fastidious, but the album and roseum are beautiful anywhere you put them. Louis H. Neubeck, in his most attractive place, has a fine show of these lilies.

There is not much building going on, but a good deal of fixing up. S. A. Anderson is making great changes in his admirably located store, which, when completed, is expected to be "a gem of purest ray serene." H. Keitsch & Son are having a new store especially fixed and adapted for their business.

Among the visitors of recent date who favored us with a call was Mr. Kelsey, of South Orange, importer of trees and shrubs. Mr. Kelsey spent last summer in Europe, comparing the landscape art of England and the continent with that of the United States and it is inspiring to hear him say that our native but traveled artists will evolve a style embracing the best of European, yet distinctive and superior to any. This is most joyful to hear and it means the employment of thousands of men of skill as well as labor, the exercise of art and the beautifying of our country. How can a man whom fortune has favored, spend his wealth better than by turning the wilderness into a place of beauty? Where there was one such place twenty-five years ago, there are today 100 and they are ever on the increase. Fifty acres of beautiful grounds is a better educator than the study of the dead languages.

Mr. Creighton, of the Henry Dreer Co., called on his passage to the Mississippi, also namesake Scott, of Chicago, who has just finished seeing that the firm's Bermuda lilies were properly dug and packed.

Our club had a fairly well attended meeting last week. Our delegation will leave for St. Louis on the Wabash, Monday, at 1:30 p. m., arriving in St. Louis about 8 a. m. Tuesday. We are trying hard to get a bowling team together but, if we succeed, will scarcely be a competitor. It will be made up of "has beens" and "never wases." As the writer has often said, it's the duty of all florists who possibly can to attend these national conventions. You do not realize, many of you, how much our good society has done for you all, and if attendance demands self-sacrifice you could not exercise it at a better time. The man who says "The S. A. F. don't do me any good" is blind, ignorant and selfish. He has been a beneficiary of its usefulness and good work for a number of years, but too bigoted to see the truth. Then there's the mammoth exposition. If you only spend two or three hours within its gates, as the writer expects to, it's a great satisfaction in years to come to be able to say, "Oh, yes, I saw the St. Louis Fair." However, big as it is, I consider it very secondary to attending out national convention, reviving old acquaintances and making new ones.

The H. A. Meldrum Co. has liberally added more dollars to their chrysanthemum exhibition and the premium list has been published and mailed by Manager Keitsch to all likely exhibitors.

The Kasting Cup.

Just had a look at the Kasting champion challenge cup. It is a beauty! It is a startler! It is a darling! The finest thing we have ever seen, worthy of the most fierce fight. W. S.

MEDINA, O.—Hammerschmidt & Clark are completing one of the best built greenhouses in Ohio, one room 36x27 and three rooms 10x36. Carnations in the field are fine and housing under way.

DES MOINES, IOWA.—Lizzie Brandtman and George E. Brandtman have given a chattel mortgage covering greenhouses and greenhouse stocks, located in Grant Park, to H. M. Rollins to secure a claim of $3,056.47.

THE instruction in the last REVIEW alone pays me for many years' subscription.—S. DUMSER, Elgin, Ill.

BOSTON.

The Market.

Conditions remain much the same as in our last report and prices are not greatly changed. Good roses continue scarce. Beauties bring up to $20 per 100 and top price on Kaiserins is $8. Brides and Bridesmaids are small, $2 to $3 being about the average. Good outdoor carnations continue to sell at $2. The supply of indoor ones is about over. Asters are more abundant, but clear out well, especially the white varieties, at 75 cents. Gladioli are good, at $2 to $6. Sweet peas are scarce for good quality, of which many more could be sold. Valley sells well, Fine quality, such as Waban Conservatories send in, brings up to $6. The principal scarcity in the market continues to be in white flowers.

Lilium Philippense.

The most remarkable exhibit at Horticultural Hall on August 6 was a display of the beautiful Lilium Philippense (Farquhar's Christmas lily) from R. & J. Farquhar & Co. This lily was first introduced by Wallis and forwarded by him to Veitch & Sons, of London, in 1873. It is described in the Botanical Magazine, No. 6250. It is not now catalogued by any European firm. Messrs. Farquhar received a few small bulbs last November in a very dried up condition. These bulbs were placed in a frame and when lifted for forcing were frozen solidly. After proving the merits of the lily, a traveler was dispatched for a larger supply. These arrived on May 29 and were benched the following day. As the bulbs are very small for so superb a lily, they were planted in benches in a warm, moist house, two inches between the bulbs and four inches between the rows. The first buds showed on July 1 and a number of flowers were cut on July 30. Bulbs no larger than filberts flower and Messrs. Farquhar have quantities of seedlings which they say will flower in from six to nine months from sowing.

Lilium Philippense is a native of the island of Benguetense, Philippines, growing at an elevation of about 10,000 feet. The rainfall in June there is thirty inches. The stems are slender but sufficiently strong to support the large, pure white, trumpet-shaped flowers, which are ten inches in length. The odor is very pleasant, resembling that of Brugmansia suaveolens. From one to three flowers were carried on the stems exhibited, which were from nine to twenty-four inches high. The foliage is narrow, leaves loosely scattered down the stem, not unlike that of Dracæna indivisa. The plant is much more graceful than Lilium Harrisii or L. longiflorum and its remarkable ease of propagation by seeds or scales will, we venture to say, in time revolutionize the lily industry. This is the most remarkable novelty shown before the Massachusetts Horticultural Society for years and we believe the unanimous bestowal of the society's highest award, a gold medal, was well deserved. Messrs. Farquhar have about 10,000 bulbs of this lily at present. It will be introduced not later than 1905.

Weekly Exhibition.

Perennial phloxes made a large display but the trusses were hardly so good as usual. For twelve named varieties prizes went to Blue Hill Nurseries, W. Whitman, T. C. Thurlow and Geo. Hollis in order named. Some fine seedlings were shown by Blue Hill Nurseries, honorable mention being given to Daybreak and a fine dark red variety. F. L. Ames estate, W. N. Craig, gardener, received a cultural certificate for display of phloxes, also honorable mention for seedling No. 3. The same exhibitor received a certificate of merit for Rehmannia angulata, a new hardy herbaceous perennial from central China, with large gloxinia-like, rosy purple flowers. Messrs. Heurlin, McLaren, Thurlow, Mrs. E. M. Gill and Mrs. J. B. Lawrence all made fine displays of phlox, the latter lady also staging thirty varieties of sweet peas. W. Whitman made a large general display. Robert Cameron received a silver medal for a beautifully flowered specimen of Pancratium oyatum. Peter Cairns showed Strelitzia Reginæ and Monstera deliciosa, and F. S. Davis a new white dolichos from Japan.

There was a large display in the class for forty native plants, prizes going, in order named, to Mrs. Arthur Clark, Miss Shattuck, Mrs. R. L. Mann, The Misses Doran and Miss K. Buitta. Vegetables and fruits made an interesting display and about 100 varieties of fungi were staged.

Various Notes.

Francis Canning, in charge of the horticultural department of the Massachusetts Agricultural College, at Amherst, Mass., accompanied by Mrs. Canning, has been spending a few days in Boston and vicinity, looking over a number of the leading establishments.

Duncan Finlayson left for Washington on August 6 and will later go to St. Louis to take in the World's Fair and other sights.

The executive committee of the Gardeners' and Florists' Club met on August 8, at the office of W. J. Stewart, to select a date for the club excursion and make plans for fall work.

Hitchings & Co. have recently received contracts to build greenhouses for R. M. Saltonstall, in Brookline, and C. R. Talbet, Chestnut Hill. They report a busy season.

Carnations are being busily housed these days at almost every place visited. Plants look well, being of good average size.

The visit of the G. A. R. and decorations for the various posts, as well as social gatherings, is expected to give some stimulus to trade next week.

At South Lancaster.

A visit to South Lancaster, where are located some of the finest private estates in Massachusetts, is always full of interest to either private or commercial growers. A ten-minutes' run on the electrics from Clinton station drops us at the greenhouses of E. V. R. Thayer, where E. O. Orpet has charge. Orchids are a special feature here and are well done. Seedling raising is more successfully carried out than elsewhere in America, particularly among cattleyas. Numerous gold and silver medals and other awards have been given to these at the Boston shows. Many hundreds of seedlings, representing scores of distinct crosses, are to be noted here, plants varying in size from microscopic ones to big specimens in tubs. All are in luxuriant health. Odontoglossums are classed as difficult orchids to handle, but for the past few seasons Mr. Orpet has had signal success in their culture. His finest plants are in 8-inch pots or pans and specimens of O. crispum carried spikes three feet long last spring. During the winter months these plants are given a moderately warm, sunny house, and a north house during the warm months. Good batches of dendrobiums, cœlogynes and cypripediums, chiefly of the yellow insigne type, were noted. All orchids here are grown in pure osmunda fibre; no leaf-mold is now used, it having been tried and abandoned. The Cookson formula is successfully used as a stimulant for all orchids.

In the fruit houses grapes and nectarines were carrying good crops. Melons are grown in several divisions, Eureka, Emerald Gem and Outrement Beauty being the favorites. Carnations just housed were strong and vigorous, Enchantress, Flamingo, Queen and Lawson being most largely grown. A batch of Campanula isophylla alba in bloom in one of the houses indicated the value of this half hardy perennial for the florists' trade. A large, new, old-fashioned flower garden has just been established here and Mr. Orpet has done lots of planting the past season.

A. P. Meredith presides over the gardens of Nathaniel Thayer. He had been very busy planting until June, several thousand hybrid rhododendrons being included. These will eventually be a fine feature along the new waterways being developed on this fine estate. In the greenhouses stock looked well. The large rose house contained a fine lot of stock, Beauties being especially good. An additional house is devoted to Beauties for summer flowering and some fine flowers are now being cut. A house of cattleyas contained a lot of strong plants beginning to bristle with sheathes. A small batch of newly imported Odontoglossum crispum was a starter in the culture of this queen of orchids. Chrysanthemums, both grown to single stems and specimens in pots; cyclamens, Gloire de Lorraine begonia, gardenias, etc., all looked well. Melons filled four divisions and carried fine crops. English varieties only are grown, Windsor Castle seeming to suit Mr. Meredith as well as any.

William Anderson has a fine range of glass on the Bayard Thayer estate and we found his stock in fine condition. Roses are largely grown here, Beauty, Liberty, Bride and Bridesmaid being the favorites. The first named were particularly robust. In the carnation house, Governor Wolcott and Enchantress are the two favorite varieties. Mr. Anderson says Wolcott is very satisfactory as a winter bloomer, splitting a little in spring. A house 20x80 is devoted to peaches and nectarines. The first division had been cleared, but the late one carried a splendid crop of handsome fruit. A similar sized house is filled with grapes. These also carried a good crop of fruit, berries and bunches being over the average. Gros Colman, Muscat of Alexandria, Black Hamburg, Lady Downe's Seedling and Barbarossa were fine. A large frame of cyclamens were noted in fine condition. The cattleya house contains some superb specimens. Mr. Anderson thinks the addition of a little sphagnum to the fern fibre gives added vigor to his plants. A pond of choice nymphæas and other aquatics was

in itself worthy of a visit. Around the new mansion recently erected on a high eminence, many thousands of trees and shrubs have recently been planted and vistas cut through the extensive woods to open up choice scenery. This estate promises, when developed, to be second to none in the state.

At John E. Thayer's we found Mr. Clarke as busy as ever making improvements. In the houses chrysanthemums were good. Preparations were being made to house carnations, which looked well in the field. Gloire de Lorraine begonia is something Mr. Clarke always does well and a bench of this looked very thrifty. Orchids are not much grown here, but calanthes have recently come into favor. Some large specimens of Nephrolepis Piersoni were exceedingly well grown. Outdoors the large kitchen garden looked trim and crops luxuriant. A new flower garden is an interesting feature and many fine specimens of trees and shrubs are dotted about the lawns and grounds.

W. N. CRAIG.

NEW YORK.

The Market.

Prices have a downward tendency, when there is any tendency at all. The amount of stock arriving is in advance of other years, but a microscope is necessary to find any quality in the most of it. Gladioli are everywhere. There seems to be no limit to them, nor bottom to their value, while the creation of a demand is so remote that one could safely offer a large reward for its detection. But "it's a long lane that has no turn," and the coming fall and winter will be the best the florists of this country have enjoyed in a generation.

Various Notes.

Mr. Reed, of Reed & Keller, is off for St. Louis this week to arrange his display. He has one of the best locations in the big hall and a great collection of novelties and inventions in the supply line.

Henry Rudolph, the primrose specialist, of Caldwell, N. J., was in town last week. He is doing considerable rebuilding this season. Jos. Fenrich handles his output in New York.

Frank Millang has postponed his visit to his ranch in Oregon until next summer, so as to see the big exposition at Portland at the same time.

Charles and August Millang are having their summer vacations at Bayside, L. I., as usual.

Wholesalers have a grievance in the holding and destruction of boxes by the retailers. Hundreds are lost every month. Many are not seen for a year and the result will have to be a cheap box which can be thrown way. In England, at Covent Garden, the boxes are always charged for.

William Hackland, of the New York Cut Flower Co., leaves August 15 for a two weeks' vacation in the Adirondacks.

John Nash, of Moore, Hentz & Nash, is spending three weeks with his family at Highland Mills, N. Y.

Young & Nugent are making extensive improvements in their store, putting in a new front, changing and refitting the office and preparing for big fall and winter business.

The Hinode Floral Co.'s new greenhouses are rapidly approaching completion. They are preparing for an immense lily demand and their constantly renewed stock of dwarf Japanese trees has grown constantly in popularity.

N. LeCakes is well pleased with his removal of headquarters to Twenty-eighth street.

Lion & Wertheimer will be represented at the convention, not only by a fine exhibit, but several members of the firm will be in attendance.

Alex. McConnell has had a busy week with weddings and funeral designs, some of the latter being of especial beauty. For the obsequies of W. L. Browning, head of the firm of Browning, King & Co., a design of sago leaves and orchids and an immense cross of lilies seven feet in height and a six-foot wreath were specially commendable. The Bayne-Johnson wedding decorations at Grace church received much favorable comment. The bride's bouquet of white orchids and valley with garlands of stephanotis was beautiful and unique, and the palm display in keeping with the firm's thirty-two years of metropolitan reputation.

Alex. McConnell has a fine assortment of evergreens at his nursery in New Rochelle and some grand stock, at the city store, of large Hydrangea Hortensia in full bloom. In the greenhouses are large imported orange trees from Paris, tub grown and full fruit, the largest ever brought to this country.

Julius Roehrs has started on his annual tour in Europe, which will probably extend into October. In his absence his establishment at Rutherford is in good hands, Julius, Jr., superintending the business.

Albert Wadley started a week ago for California in greatly improved health and will spend several weeks on the coast.

Geo. M. Geraghty has just passed through a three weeks' illness with appendicitis and will recuperate at Rockaway, where he has been camping for the summer.

John Scott has a beautiful exhibit of his Scottii ready for shipment to the convention and will personally superintend the exhibition. The fern is popular with all the large growers in and around New York and the retailers have placed orders for it in large quantities for October delivery. Mr. Dryer has a house of it that looks grand and Chas. Zeller, David Mellis and all the fern growers of Flatbush seem to think it is the commercial fern par excellence.

The New York convention entry will be somewhat short of anticipated numbers as many exhibitors have gone to St. Louis in advance to install their displays. Nevertheless a goodly representation will be on hand on Sunday morning, and with the Baltimore and Washington delegations joining us, there will be the usual merry party that always characterizes the union of these fraternal organizations. The invitation of the Washington florists for 1905 receives the endorsement of the New Yorkers to a man.

John J. Esler, the hail man, is one of the advance guard from the east. He is investigating the Pike, that he may advise the young conventionists of dangers in time for safety.

John H. Taylor, of Bayside, was married July 28 to Miss Susan S. Stowe, at Flushing, N. Y. Mr. Taylor is popular in the trade and his reputation as a rose grower is national, so there is no limit to the congratulations.

A more liberal body of men than the New York wholesalers would be hard to find, always generous and considerate. They have been especially so this season in granting vacations to their employees, so that all have been fully refreshed for the coming season, which, based on the law of averages, and after the dullest summer ever known, should be the greatest fall and winter in the cut flower business in the decade.

George Cotsonas & Co., the green goods men, now at 53 West Twenty-eighth street, will move October 1 to their new store, 45 West Twenty-ninth street.

Mrs. Samuel Henshaw is visiting this summer at her old home in England, while her youthful spouse is gardening at his summer home in New Brighton and giving no more evidence of his seventy or more years of devotion to horticulture than a boy of twenty.

Sigmund Geller has some fine novelties in the supply line among his personal European selections this season. He reports trade opening excellently for fall and will be too busy to make his annual visit and exhibit at the S. A. F. convention.

Hanfling & Kleppner, the florists' supply men, 114 West Twenty-eighth street, will have a nice exhibit of their manufactures at the St. Louis convention. They have some fine basket specialties.

A. T. Boddington or Mr. Begbie will be at St. Louis in charge of that firm's exhibits of bulbs.

Slinn & Hughes have moved into their new quarters in the Coogan building.

J. AUSTIN SHAW.

CINCINNATI.

The Market.

Business is holding out quite well and, taking everything into consideration, we have no kick coming. The demand for the better grade of flowers is good and there is not enough of this class to fill all orders. Beauties are coming in fairly large numbers and of nice quality for this time of the year. They sell well at the rate of $1 per foot of stem. Other roses are rather scarce and the quality is nothing to brag on. Some of them are being cut from new stock and they bid fair to be fine shortly. Carnations are also scarce and sell well. Some of them are still of very good quality. Some fine gladioli are to be had at $3 per 100. There is a good supply of green stock of all kinds.

Various Notes.

The S. A. F. convention is now the main topic of conversation among the craft. There will be a good-sized delegation from this city. All the old timers are going, together with many new ones who will take in the convention and the World's Fair at the same time.

Geo. Tromey, head hustler, at Fred Gear's establishment, has been in a hospital undergoing an operation. He is much improved at present and hopes to be out in a few days.

Albert Miller and F. Kyrk are spending their vacation in St. Louis.

Mrs. Julius Baer and son are at French Lick Springs, Ind. J. O'Malley is also there.

L. H. Kyrk is spending his spare time at the Y. M. C. A. camp on the Miami river.

Wm. H. Gear is at Mt. Clemens, Mich.

Visitors: John A. McKeefory and B. Esehner, both of Philadelphia.

C. J. OHMER.

PHILADELPHIA.

The Market.

There is more business in the cut flower centers of late. Flowers are more plentiful. Funeral orders form the bulk of the work. Some of these have been quite large. Carnations continue scarce. Asters are more plentiful but very poor in quality, as a rule. Roses are improving, especially American Beauties. The street had it that Charles E. Meehan told Leo Niessen he had better make hay while the sun shone, by which he was understood to mean that the Chestnut Hill Beauties would soon compete with those from Newport. John Burton and Meyers & Samtman are both cutting again. Robert Scott & Son are sending in some splendid, long-stemmed blooms to S. S. Pennock and Edw. Reid. Gladioli are very plentiful. There is a fair supply of fine valley and there are a few cattleyas.

Kentias at Wyncote.

Joseph Heacock has as pretty a lot of kentias at his place at Wyncote as one could wish to see. Rumors of their number and quality had been flying about for some time. When John Savage and Phil saw them early this week, they presented a truly magnificent sight. Five immense houses, besides several smaller ones, were almost entirely filled with kentias, all in superb condition, looking strong enough to stand anything. Mr. Heacock believes in giving his kentias plenty of air and plenty of room. That they like this treatment their rich green foliage and perfect shape abundantly prove.

All sizes are here in force, from the little fellows in seed boxes and benches to the made-up specimens in 12-inch pots that are as fine as skillful culture can make them. The medium sizes are very fine. K. Belmoreana exceeds K. Forsteriana in numbers. A block of the latter variety in 8-inch pots are being reserved for making up in 12-inch pots, three smaller plants being used around each 8-inch. The kentias all appeared perfectly clean. No washing has ever been necessary, just the hose scientifically used. Besides kentias, Mr. Heacock has some Areca lutescens, Cocos Weddeliana, Cibotium Schiedei and Nephrolepis exaltata Bostoniensis.

The Beauty houses were in excellent condition. One house in solid beds in its third year, cut back hard, was full of heavy shoots soon likely to tempt the cutting knife. The most forward of the houses of young stock was nearly as far advanced and all were full of breaks from the lower eyes. There was a house each of Brides and Maids in good shape and one of Liberty, lifted plants just getting away.

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Here an excellent lunch of sandwiches, salad and cream, well irrigated, received due attention. Then the party again mounted the seats on the wagons and drove around the great nursery, which lies in the beautiful White Marsh valley. The whole place was in splendid condition, the quality and variety of the stock and the neatness of the grounds eliciting many words of praise.

Next came the serious business of the afternoon, a cricket match between John Gardiner's Montgomery county eleven and an eleven selected from the gardeners and florists of P. F. C. The wicket was not in favor of run getting, Montgomery county, who had scored a clever victory over an eleven of the M. C. C. the day before, winning by a score of 50 to 27. After a little more irrigation, made necessary by their exertions, the two elevens were driven back to Camp Hill station after a delightful afternoon.

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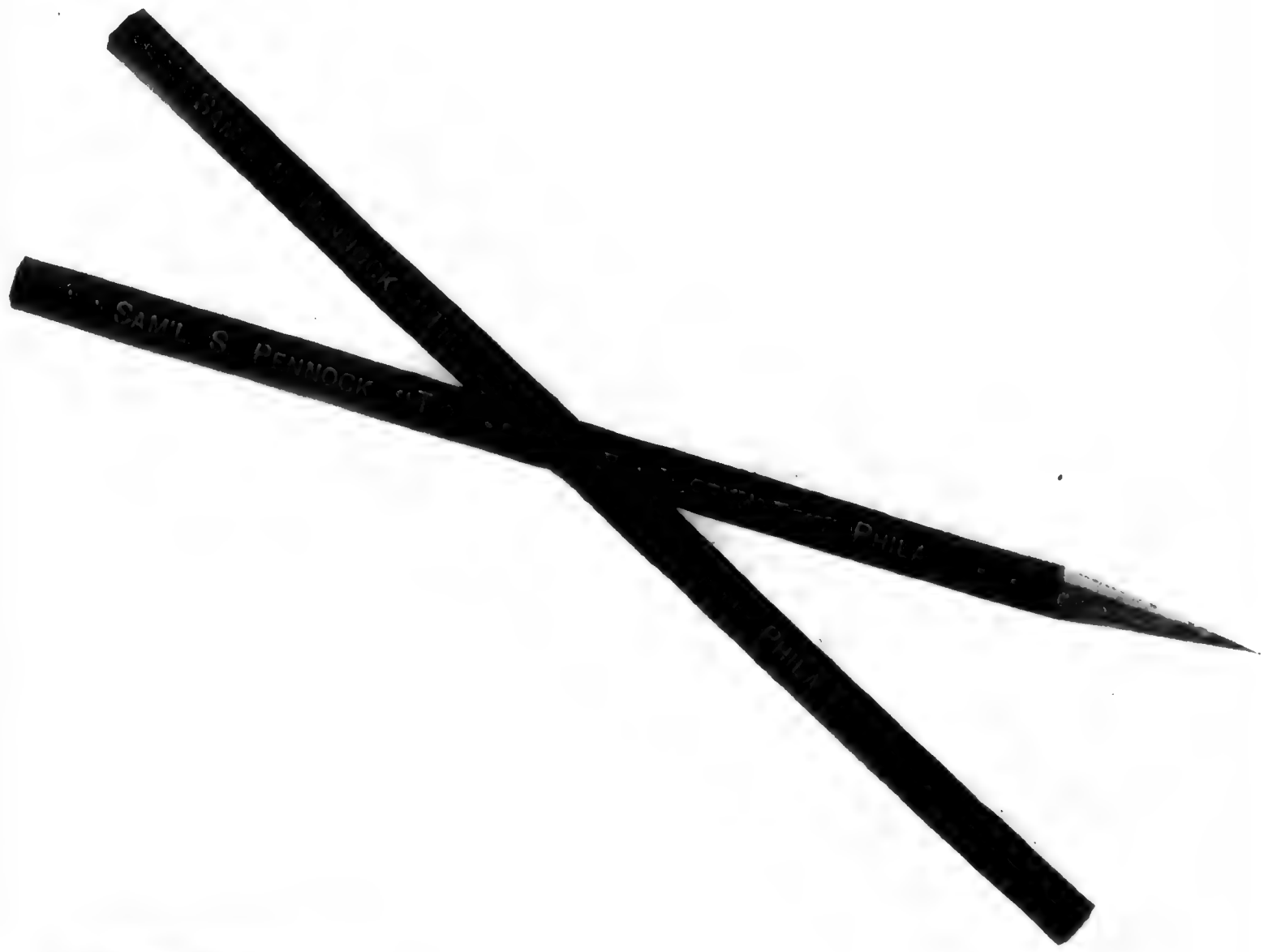
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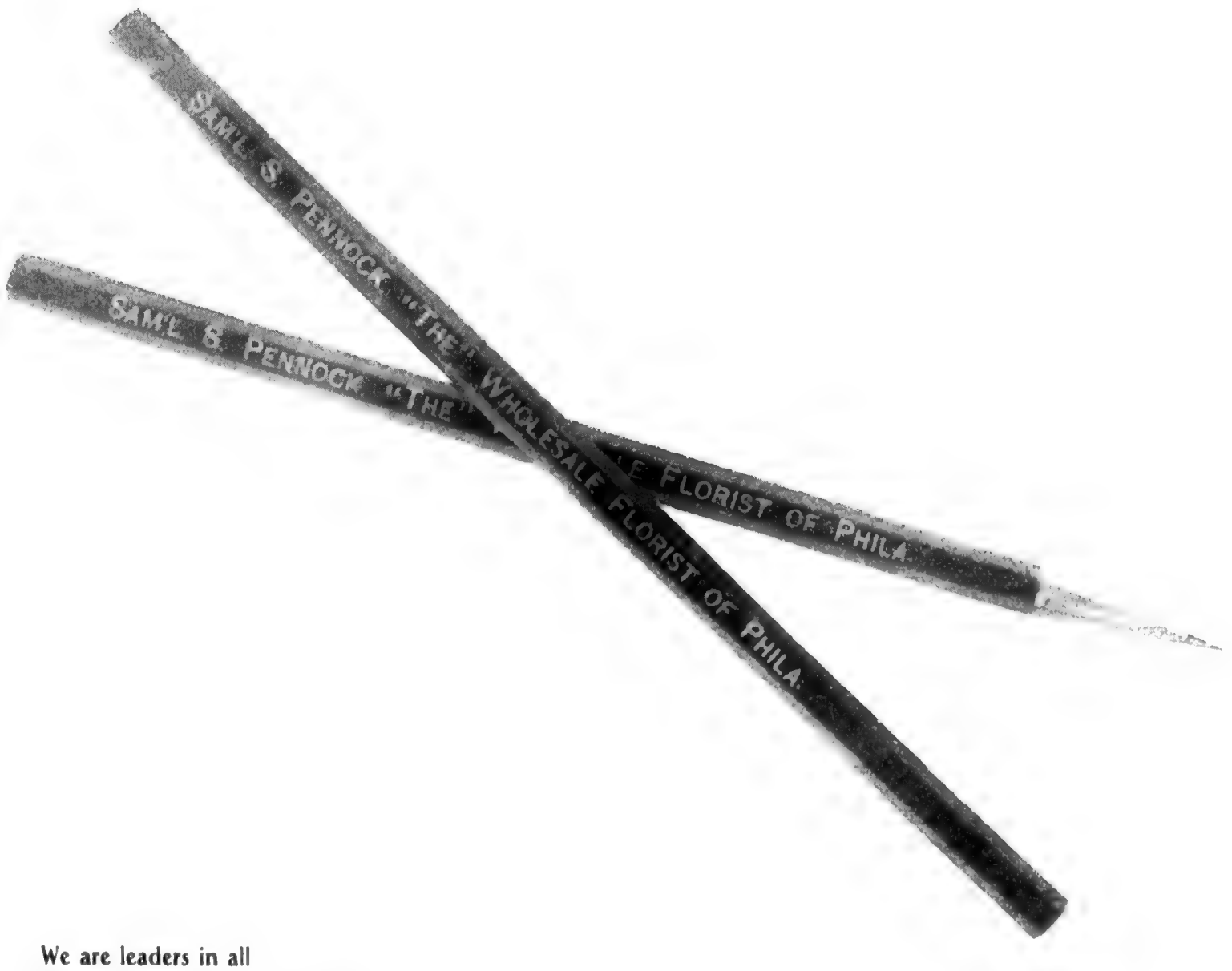
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PACIFIC COAST.

SAN FRANCISCO.

The Market.

The aster season is at hand and, although the flowers are not yet in their greatest profusion, they are coming into town in goodly quantities. They are reasonably cheap, but will be lower in price in the course of a week or so. Now that this flower has come to remain a few weeks the strain is taken off the demand for carnations and other flowers and they have dropped somewhat in price. Many of the growers are making arrangements to replant their houses and there is no profusion of either roses or pinks. Of the former the price remains about the same as quoted last week, with only a fair amount of stock offered. Outdoor stuff of all kinds is plentiful, although sweet peas are beginning to be shorter in the stem. Lilium album and rubrum are in good demand and a few longiflorums are seen. Valley is plentiful and is selling at about $5 per hundred. Business is only fair. We have had some wedding decorating and a little spurt of funeral work during the past week.

Various Notes.

Last week the street corner sellers of flowers won another point in the fight commenced by Frank Shibeley in behalf of the Retail Florists' Association to put the basket venders out of business. Judge Sloss refused to grant the injunction asked by the florists to prevent the city authorities from granting permits to the street flower sellers. In the application for an injunction the retailers declare that the basket men are nuisances and that unless the injunction against them is granted, individual arrests will be made through the police department.

John Vallance, of the Cox Seed Company, has just returned from a two weeks' vacation spent at his ranch at Livermore.

Capt. Emil Kellner, for fourteen years head gardener at the State University at Berkeley, died at the Fabiola Hospital on Tuesday of last week. He was a veteran of the civil war and well known to the gardening fraternity on this coast.

Professor Hugo De Vries, the Dutch botanist, is at present touring California and studying our methods regarding horticulture and agriculture. He spent a portion of this week inspecting the Morse seed farms near San Jose.

A farewell banquet is to be given during the coming week at the Palace Hotel in honor of Alexander Craw, lat quarantine officer for the horticultural commissioners, prior to his departure for the Hawaiian Islands.

A. Galloway, of Fruitvale, is cutting some extra fine Estelle and Lawson carnations at present. G.

THE ROOTS OF SHADE TREES.

An interesting case is being fought at present in the Alameda county courts, between the town of Oakland and some of the property owners who have had shade trees planted in front of their places by the municipality. One of the disgruntled parties cut down several of the trees in front of his premises, for which he was promptly arrested. He maintained that the trees were a nuisance in that they destroyed cement sidewalks and choked up sewers. The variety of tree in this particular instance was the white elm.

The white elm I have not found to be harmful, either from its roots following up sources of moisture or from overturning cement sidewalks. Under ordinary conditions it does not root deeply, nor is it inclined to sucker badly unless the tree has been abused through too violent pruning or from an accidental loss of too many branches. It is not as liable to break through a sidewalk as is the cork-bark elm, but there should be no difficulty with either of them if the suckers that come up through the ground are kept cut down for the first couple of years. After that, unless the tree gets badly broken, there will be no trouble.

People here have become prejudiced against large trees in general on account of the tendency the eucalyptus has of following for long distances a few drops of water and growing in through the minute holes in a sewer pipe. In a couple of years they completely fill it and destroy its usefulness. The eucalyptus was planted along sidewalks here in great quantities years ago, and on account of its bad actions with the town sewers they are no longer planted in this immediate vicinity. We are planting great quantities of white maple and, although this family of trees roots well down in the soil, I have seen no ill effects in drain pipes and no suckering. Poplars do not root as deeply as the maple and will not harbor any root-shoots unless the tree itself is badly handled. Locusts have long roots and are fond of water, but I have seen no instances where they have damaged sewers.

In evergreen trees, Acacia melonxylon sends its roots well down in the soil and is a gross feeder, which fact is true of all the acacia family. The Monterey cypress and pine do not root deeply and never sucker, but they spread their fibrous roots well over the surface of the surrounding country in their search for moisture. The sycamore, ash, black walnut, linden, red maple, tulip poplar, birch, horse chestnut or mulberry are not destructive to sewer system, which fact I have proven by having them growing within twenty-five feet of a drain pipe that has been laid for upwards of twenty years, and is still in perfect working order. Of course, we have a long, dry summer in California, and all trees naturally hunt for moisture, but excepting with the eucalyptus family I have had no trouble. Regarding suckering, if any shoots that may appear are cut off at the same time the weeds are hoed out they never make their appearance after the second year, providing, of course, the tree is not mutilated so much that it makes an effort to keep growing by suckering from the ground. G.

100,000 Calla Bulbs

READY TO SHIP

1-inch diameter.....per 1000, $25.00 | 2-inch diameter.....per 1000, $45.00
1½-inch diameter..... " 35.00 | 2½-inch diameter..... " 65.00
3-inch diameter.....per 1000, $95.00

ASPARAGUS PLUMOSUS NANUS—Strong, 2-inch.....per 1000, $20.00
CARNATIONS—Field-grown, now ready—G. H. Crane, Success, America.... " 30.00
New Crop Giant Mixed PANSY SEED.....¼ oz., $1.00; 1 oz., 4.00
New Crop Improved SHASTA DAISY SEED....trade pkt., 25c; 1 oz., 5.00; 1 lb., 50.00

250 plants or bulbs at 1000 rate. Charges prepaid to your city. Terms cash with order.

CALIFORNIA CARNATION CO., LOOMIS, CAL.

Mention The Review when you write.

7500 Liberty

Strong, low budded, field-grown plants, just the thing for forcing.

$15.00 per 100; $125.00 per 1000

F. O. B. here. Cash with order.

E. GILL, WEST BERKELEY, CALIFORNIA.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ASPARAGUS PLUMOSUS NANUS.

From flats, $1.75 per 100; $15.00 per 1000.
Strong 2-in. plants, 2.00 " 20.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

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LOOK FOR
LION & WERTHEIMER'S
Ribbon Exhibit
AT THE CONVENTION.

JOLIET, ILL.—Joseph Labo is building a fine new house, 30x200.

TOLEDO, O.—Thomas Magee, of the Scottwood Greenhouses, says the past season was a very good one and he expects a big business as soon as trade gets under way again.

GREEN GOODS PLENTIFUL SUPPLIES

ASPARAGUS, nice, long strings, . . . 35c to 50c each
ASPARAGUS SPRAYS, in bchs. of 25, 35c to 50c each
SMILAX, long, heavy strings, doz., $1.25; 100, $8.00
SPRENGERI, plenty of it.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.
Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Asters	.75 to 1.50
Valley	2.00 to 4.00
Gladioli per doz., 25c to 50c	
Sweet Peas	.25 to .40
Auratum lilies doz. $1.50	
Longifloruma doz., $1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 4.00
Ferns per 1000, $1.00	.15
Galax per 1000, $1.25	.15
Adiantum	.60 to .75
Smilax per doz., $1.25	8.00

Subject to change without notice.

BALTIMORE.

The Market.

Business is quite satisfactory, everything considered. Some days the demand is good, succeeded by an extremely dull day, as is usual during July and August. At this writing there are too many roses of most all kinds. Especially is this true with Maman Cochet. Asters were a glut last week but are coming less freely now. Fisher carnations are not selling very well and are plentiful. Very few indoor carnations are to be had and bring from 75 cents to $1.25 per 100; outdoor stock brings 50 to 75 cents. Other prices are: Cochet roses $1.50 to $2 per 100; Gates, Maids, Kaiserins, Ivory, $2 to $4; gladioli, $2 to $4; asters 35 to 75 cents.

Various Notes.

Misses Matilda and Rosa Held have returned from a three weeks' stay at Atlantic City. Their mother and sister, Lena, are on their vacation at the same city.

Miss Alice Graham, who was operated on a few weeks ago for appendicitis, is speedily recovering.

Mrs. Henry Fischer is at the City hospital, having also been operated on for appendicitis last Saturday. She is said to be improving and hopes for her recovery are entertained.

Mrs. Kate Patterson will leave Wednesday for an extended western trip.

S. Uhlfelder & Co. have discontinued business. Mr. Uhlfelder expects to open another store in the near future.

Very few of the florists are going to the S. A. F. convention at St. Louis. Those who will go expect to leave Saturday evening.

R. Vincent and his son, Thomas, left Monday for New York. They will continue further and finally wind up at St. Louis in time for the convention.

A. F.

PEKIN, ILL.—Everything at Kuhl's place is getting along nicely for the time of the year and he has an extra large stock of ferns of all kinds and all sizes. Mr. Dusenberry, foreman of the rose department, had the misfortune of losing his wife after a lingering illness of several months. He has the sympathy of the entire community.

LOOK FOR LION & WERTHEIMER'S RIBBON Exhibit AT THE CONVENTION.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

MORE and more are planters discovering that "cheap" nursery stock is dearest in the end.

THE states of Oregon and Washington are making rapid progress in fruit growing, and nursery business is good there.

THE landscape departments of the leading nurseries were valuable adjuncts the past season and will prove even more profitable as the wealth of the country increases.

IF an oak is pruned severely when transplanted it recovers quickly and makes a fairly rapid growth. The reputation for slow growth is a libel upon this most valuable tree.

THE Swain Nelson Sons' Co., Chicago, has been incorporated with $20,000 capital stock to do a general nursery and florists' business. The incorporators are Seymour G. and A. E. Nelson and A. L. Goerwitz.

MILDEW on garden roses may be combatted with sulphur and soot; one of these should be applied the moment the disease makes its apearance. Ellwanger & Barry advise that the plants be first sprinkled with water, so that the substance applied will adhere.

THE Pebble Hill Fruit Farm and Nurseries, Inc., of Winchester, Tenn., have bought the Oak Grove Nurseries, also of Winchester. They will consolidate the two under their present name. This purchase will give them 750,000 each June bud peach for this fall and dormant peach for next fall's delivery.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.
Mention The Review when you write.

PETERSON NURSERY,
170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

The Cottage Gardens Company,
INCORPORATED.
Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

W. J. Sherry, of Johnson & Stokes, Philadelphia, is spending his vacation at Ocean Grove, N. J.

Poat Bros., Ettrick, Va., report a good demand for narcissus bulbs and are sold up to the limit of their supply.

The dry weather in North Carolina has operated to reduce the tuberose crop, some shippers estimating as much as one-third.

The W. S. Gilbreath Seed Co., Indianapolis, report that they are very well pleased with the situation and outlook so far as they have gone.

Visited Chicago:—Geo. C. Thomson, representing R. & J. Farquhar & Co., Boston, Mass., on his way to St. Louis; John Bodger, of Santa Paula, Cal.

Very hot, dry weather in the Quedlinburg district, in France, and in England, in July did considerable damage to crops for seed, but good rains came in season to avert disaster.

A very serious hurt has been done the past week to the cucumber seed crops in southern Michigan. Dry weather and the blight together promise to make the crop exceedingly light.

Bean crops in central Michigan promise well, good reports as to Wardwells are coming in. From the present outlook it is hoped that this year a fair harvest of this important variety will be realized.

Pickle packers at a meeting in Chicago recently decided not to make prices until the outlook for the new crop is better defined. The crop in the middle west is late, and blight has injured the vines in some localities.

Rochester, N. Y.—Frank H. Battles, seedsman, at 49 North street, has made an assignment to William L. Manning. Liabilities are placed at $40,000, with nominal assets at about half that sum and actual assets slightly smaller.

The sweet corn crop at the present time is looking well but the late varieties are far behind what they ought to be at this season of the year and the best authorities on crop estimates fear the crop will be cut by cold weather before it matures sufficiently.

Philippe de Vilmorin, head of the house of Vilmorin-Andrieux & Co., Paris, will reach New York about August 23 for a visit to the principal seed buyers and with a party bound for the St. Louis Fair, where he has a commission from the French government.

The main shipments of Harrisii bulbs from Bermuda reached New York July 25 this year, on the Trinidad. She had for H. H. Berger & Co., 105 cases; Peter Henderson & Co., 103; Wm. Hagemann, 504; F. R. Pierson Co., 138; Vaughan's Seed Store, 747; Jas. Kempe, 35; Maltus & Ware, 5; Wakem & McLaughlin, 86; to order, 1,330; total, 3,053 cases.

H. Nungesser & Co. received 200 bags of seeds on La Champagne from Havre July 30.

The Missouri Seed Co., Kansas City, Mo., has been incorporated with $30,000 paid up capital by John Tobin, Thomas Tobin, E. M. Sauer and A. C. Turgeon.

The first French bulbs reached New York on the Germania from Marseilles, July 28. The consignees and number of cases were as follows: Stumpp & Walter Co., 182; Ralph M. Ward & Co., 120; Weeber & Don, 64; Peter Henderson & Co., 102; F. R. Pierson Co., 85; Vaughan's Seed Store, 86; Schlegel & Fottler Co., 63; C. D. Stone & Co., 159; Wakem & McLaughlin, 129; Maltus & Ware, 46; Schulz & Ruckgaber, 130; T. C. Pollock, 101; O. G. Hempstead & Son, 209; H. Naterer, 67; American Express Co., 20; Remier Pinno, 17; to order, 165; total, 1,745.

SEEDS FOR TEST.

The Secretary of the Treasury on July 27 addressed the following order to all officers of the customs:

At the instance of the Secretary of Agriculture, it is hereby directed that, commencing July 1, 1904, and continuing for one year, two-ounce samples of all importations of 100 pounds or more of grass, clover, and forage-plant seeds be prepared at the earliest practicable date after entry, and forwarded to the Seed Laboratory, Department of Agriculture Washington, D. C., labeled with names and addresses of consignors and consignees, name of seed as given in the invoice, and quantity of the consignment.

Milwaukee, Wis.—It looks as though there would be ten or a dozen go to the convention from here.

Belvidere, Ill.—B. R. Lucas is going into the greenhouse business quite extensively and has just received a large consignment of carnation plants for benching.

New York, N. Y.—American window glass has been low this summer, but Belgian glass is still coming in. Semon Bache & Co. had 1,025 boxes on the British King July 30.

LOOK FOR

Lion & Wertheimer's Ribbon Exhibit

AT THE CONVENTION.

For SALE

I wish to dispose of my interest in the St. Louis Seed Company. They are doing the largest retail trade in St. Louis and there is no other mail-order house here. This is a fine opportunity for some one. For further particulars address

FRED. S. PLANT,
814 N. 4th Street, ST. LOUIS, MO.

NOTICE. Our Mr. FRED J. MICHELL will be at the St. Louis Convention next week. He will be happy to meet you there and give you any information in his power regarding

SEEDS AND BULBS

We hope that you will give Mr. Michell the pleasure of meeting and having a chat with you.

Henry F. Michell Co., 1018 Market St., Philadelphia

Mention The Review when you write.

D. Landreth Seed Company

BLOOMSDALE SEED FARM

BRISTOL, PA.

WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

NEW CROP....POPULAR PANSIES

From the most reliable FRENCH, ENGLISH and GERMAN GROWERS.

	Per 3000 seeds.	Per oz.
Azure Blue	25c	$ .75
Bugnot's Giant Blotched	50c	4.00
Belgian Striped	25c	.80
Bronze varieties, very rich	25c	.80
Cassier's Giant Blotched	50c	4.00
Emperor William, ultramarine blue	25c	.75
Fire Dragon, orange and bronze	25c	.80
Havana Brown	25c	.75
Lord Beaconsfield, deep purple violet	25c	.80
Mahogany Colored	25c	.80
Meteor, bright yellow and brown	25c	.80
Peacock, ultramarine blue, claret and white	30c	1.00
Prince Bismarck, golden bronze	25c	.75
Rainbow or Pheasant's Eye (quadricolor	25c	.85
Snow Queen (Candidissima) satiny white	25c	$ .75
White with Dark Eye	25c	.75
Yellow with Dark Eye	25c	.80
Pure Yellow	25c	.75
Improved Giant Trimardeau, mixed	25c	1.00
" " " separate colors	30c	1.25
Splendid Mixed German	25c	.75
Giant Mme. Perret (grown by Lucien Perret, the introducer)	50c	4.00

JOHNSON & STOKES' KINGLY COLLECTION PANSIES, unquestionably the finest strain of Giant Pansies now offered to the trade.

1000 seeds ...30c. 2000 seeds....50c.
5000 seeds...$1.00. Per ounce..$5.00.

WRITE FOR OUR NEW AUTUMN BULB LIST.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

FLORISTS' FLOWER SEEDS for Present Planting.

MIGNONETTE—DEFIANCE, packet 2000 seeds, $1.00; ½ pkt., 50c.

STOCK—S. & W. CO.'S IMP. GIANT PERFECTION, pkt., 25c; ¼ oz., $1.50; per oz., $5.00. STOCK—BEAUTY OF NICE, pkt., 25c; 5 pkts., $1.00. PANSY—NON PLUS ULTRA, pkt., 25c; ¼ oz, $1.50; per oz., $5.00.

For other seed, etc., send for catalogue. **STUMPP & WALTER CO, 50 BARCLAY ST., NEW YORK.**

Mention The Review when you write.

Thorburn's Bulbs

OUR WHOLESALE
TRADE PRICE-LIST
OF
HIGH CLASS BULBS
AND
CHOICE FLOWER SEEDS
FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

—READY—
FREESIA BULBS

True Bermuda grown, pure white. Selected, per 100, 80c; 1000, $7.50. Samples mailed free.

CALIFORNIA CALLAS, all sizes.

ARRIVING SOON
ALL FRENCH BULBS.

Quotations on application.

E. F. Winterson Co. F. F. Winterson, John P. Degnan, L. H. Winterson
45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

CHRISTMAS
Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price, per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,
The Originator, GRAND VIEW, N. J.
POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.



Figure for Yourself.

Those who cannot attend our sales can certainly have the benefit.

Red Bird Brand

85% FREE OF DISEASE.

HAVE ONLY 5 to 7 LEFT, which we are offering, 400 to a case—

$15.00

AUCTION DEPARTMENT.
W. ELLIOTT & SONS, New York.

Mention The Review when you write.

ATTENTION! Orchid Growers
Just received direct from the Tropics
ONCIDIUM VARICOSUM ROGERSII
Strong imported plants, $1.75 each; $18.00 per doz.; $125 per 100.
ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 342 W. 14th St., NEW YORK.

Mention The Review when you write.

Bamboo Plant Stakes, Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅝ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅝ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables, 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Lawn Grass Seed in bulk and packages



Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

Mention The Review when you write.

LILY OF THE VALLEY
From cold storage, $1 50 per 100; $14.00 per 1000.
Headquarters for finest **CUT VALLEY.**
H. N. BRUNS,
1409 W. Madison St., CHICAGO.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

WANT ADVERTISEMENTS.

WANTED—A good grower of roses and carnations, general stock plants, to take charge of 8,000 ft. glass. Write at once for full information to John Lester, Ottawa, Kan.

WANTED—To rent greenhouses with stock. Address No. **201**, care Florists' Review, Chicago.

WANTED—Partner with about $3,000 cash to take half interest in 10,000 ft. greenhouse plant and 15 acres ground near Chicago, well stocked with plants; splendid opportunity; practical man preferred. Address No. **200**, care Florists' Review, Chicago.

SITUATION WANTED—By a young man 21 years old, to learn decorating and design work; best of references given. Address Wm. Eifler, 1915 2d ave., Altoona, Pa.

FOR SALE—Horizontal tubular hot water boiler in first-class condition, 9 ft. 6 in. long, 36 inches in diameter; price, with grate bars, front and breeching complete, $90.00; small florists's ice box, little used, $30.00; practically new Deane steam pump, $25.00; above prices cash f. o. b. St. Louis, Mo. J. W. Dunford, Clayton, Mo.

WANTED—Some 4-inch cast iron pipe and fittings. Second hand. W. P. Ranson, florist, Junction City, Kan.

FOR SALE—Three greenhouses; new boiler; double thick glass; fine order; doing good business; sold at great sacrifice; size of each 120x28 feet. A. A. Nall, care General Delivery, Detroit, Mich.

SITUATION WANTED—By an up-to-date florist, 32 years old; eastern and western experience; finest references; expert designer and decorator and manager of first-class establishments. Wishes a good position about October 1. California or Western States preferred. Address No. **198**, care Florists' Review, Chicago.

SITUATION WANTED—By first-class grower of roses, carnations, mums and bedding plants; wants position as grower or propagator; capable of taking full charge. Address No. **199**, care Florists' Review, Chicago.

FOR SALE—At once; 5000 feet of glass, stock, pots and other goods, with 5 years' lease on ground for $500; in a good factory town of about 5000; no competition; a bargain. Jas. R. Johnston, agent. Dunkirk, Ind.

SITUATION WANTED—As grower of cut flowers and general pot plants. Address No. **197**, care Florists' Review, Chicago.

FOR SALE—15 horse-power, upright, steel boiler; fitted for steam or hot water. Price $50.00 f. o. b. Chase & Son, New London, Ohio.

FOR SALE—Three acres; 3 large greenhouses complete new 7-room house; best soil and location; half hour from New York City, on Long Island; terms to suit. John A. Rapelye, Elmhurst, L. I.

WANTED—Young men who have had experience in growing roses or carnations. W. K. Partridge, Station R, Cincinnati, O.

SITUATION WANTED—In flower store; good designer and plant salesman; 10 years in last place: Eastern States preferred. Address 14, General Delivery, Charlestown, Boston, Mass.

WANTED—A saved and sanctified experinced florist, one who is a practical working foreman. After ability and honesty are proven can arrange to lease or put in full charge of business. 8000 square ft of glass in roses, carnations, mums and potted plants. Man and wife can be arranged for. Protestant preferred. Board and room furnished until satisfaction proven. Communicate at once, give full particulars and references. H. B. Thompson, 10 Pike St., Canonsburg, Pa.

PARTNER WANTED—52 acres with growing crop of vegetables; a fine established business in bedding plants, pansies, ferns, etc. Wanted a partner to buy half interest and able to take charge of the business. Description will be mailed free. Ludvig Mosbaek, 8500 Anthony Avenue, South Chicago, Ill.

WANTED—Please send catalogues and price lists, formerly sent to John Wild, Swarthmore Greenhouses after this to my new address, John Wild, Grand Haven, Mich. Route 1.

SITUATION WANTED—By florist; 25 years of age; can grow good roses and carnations, palms, ferns, orchids and general stock; successful propagator and rose grafter; have life experience and want full charge. E. Bahnke, 900 63rd Street, St. Louis, Mo.

BUSINESS CHANCE—For a good man acquainted with the grain and seed business, in a well established seed business in the west; some capital required; must be well up in bookkeeping. A chance of a lifetime for the right man. Write, giving ability, means and references. Address No. **195**, care Florists' Review, Chicago.

FOR SALE—A gold dollar for 50 cents is the kind of a bargain offered in our greenhouses, stock, dwelling, 4 acres—everything; located in Central Ohio. Address S. L. Harper, 3731 North 30th Street, Tacoma, Wash.

FOR SALE—A Royal, hot water, cast iron, six sectional heater, No. 56; will supply 2400 square feet of direct radiation. Only run two seasons and is as good as new. Free on board Osage, $175.00. W. S. Hall, Osage, Iowa.

WANTED—Storeman, in the best store in an Ohio city of 450,000; must be highly respectable and have first-class ability as salesman, designer and decorator; character must bear strictest investigation; state salary, etc. Address No. **196**, care Florists' Review, Chicago.

WANTED—Day fireman who understands steam boilers, pipe fitting and general jobbing work around greenhouses; married man preferred who would board two or three single men; will find five-roomed house on the place. W. K. Partridge, Station R, Cincinnati, O.

FOR SALE—Four greenhouses, 8000 square feet of glass; located at Marshall, Mo., a town of 6000 inhabitants, on two railroads, 85 miles east of Kansas City. Shipping facilities good. Also dwelling house with five rooms, adjoining. Can be bought cheap. Address T. H. Harvey, Marshall, Mo.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. **151**, care Florists' Review, Chicago.

FOR SALE—Four greenhouses, heated by hot water, well stocked; good retail business; 4 railroads; in city of 10,000 in Indiana; fine dwelling, 7 rooms and bath; plenty of good soil; price reasonable; good reason for selling. Address No. **188**, care Florists' Review, Chicago.

FOR SALE—A good thing for some live man. Six greenhouses that will average 20x50; Three acres of land; steam heat; cheap fuel; natural gas; car line passes place. Present owner in other business. Call on or address Flanders Bros., Marietta, Ohio.

SITUATION WANTED—As foreman by a first-class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. **184**, care Florists' Review, Chicago.

FOR SALE—Or rent, greenhouses; about 7000 feet of glass. Address No. **190**, care Florists' Review, Chicago.

FOR SALE—2500 ft. 1-in. pipe in good condition, as good as new. 3 cents per ft.; also four 6-pipe headers, two 10-pipe headers, four 4-pipe headers, 1-in. openings. John Bronner, Syracuse, N. Y.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouse built last year; 8000 ft.; 2½acres ground; 60 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

FOR SALE—Weathered No. 5 boiler, in good condition; will heat 1000 feet 4-inch pipe; price, $50. Nemaha Greenhouses, Seneca, Kans.

FOR SALE—Greenhouse, 2500 feet of glass; a bargain; good location; business established; owner in failing health. For particulars address S. A. Noble, El Dorado, Kans.

SITUATION WANTED—By a first-class grower to take charge of the growing end of a small place; state wages without board. Address Wm. Kirkham, 3847 State street, Chicago, Ill.

FOR SALE—8000 feet of glass, well stocked; two acres; good five-room cottage; city water; telephones; wagon and tools; can sell everything you grow; in city of 6000 in Missouri; poor health reason for selling. Address No. **185**, care Florists' Review, Chicago.

FOR SALE—Greenhouse, dwelling-house, furniture, etc.; lot 110 feet square; only greenhouse in Union Co.; must sell. For particulars write Box 637, La Grande, Oregon.

SITUATION WANTED—By a good grower of cut flowers; married; able to take charge; best of references; west or middle west. Chas. Duerr, 815 N. Wahsatch Ave., Colorado Springs, Colo.

FOR SALE—Cheap. Dwelling of six rooms; greenhouses, covering 6000 feet of glass; stable, sheds, etc. Also three lots of ground. Mrs. K. Jaeger, Fulton and Jackson Avenues, Jersey City, N. J.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—An elegant greenhouse plant, up-to date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. **192**, care Florists' Review, Chicago.

FOR SALE—Bargain. One 15-horse power Economical boiler, in A-1 condition; new stack and fittings. If taken at once, $50.00 f.o.b. car. A. Fischer, Box 277, Risingsun, Ohio.

FOR RENT—Port Allegany Greenhouses, 5500 feet glass in good condition, stocked; cheap fuel, natural gas; low rental; good shipping point; one of the best openings for retail business in northern Pennsylvania; present manager going into wholesale business for himself; good chance for right man. Address Port Allegany Greenhouses, Port Allegany, Pa.; or the owner, W. R. Ventres, Wanakena, N. Y.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE-GLASS 8x10, $2.00 per 100; 10x14, $4.00 per 100
Also Carmody Sectional Boiler, $50.00 f. o. b.
Batavia Greenhouses, Batavia, Ill.

FOR SALE.
Owing to the death of the proprietor, the plant of the Lake Geneva Floral Co. is offered for sale. It consists of 6 houses, with Kroeschell boiler, connected with 3,200 ft. iron pipe; 1 potting room 16x38; 1000 Smilax Roots in different stages of growth; 12 cold frames 6x12, with covering sash; 6,000 pots assorted, from 1½-in. to 6-in.; 1250 choice Carnation Plants, ready for housing; extra glass to cover a house 10x48; wire frames for funeral designs; 200 flats, working tools, etc. Address: W. H. HAMMERSLEY, Lake Geneva, Wis.

FOR SALE
GREENHOUSES About 3,500 feet of glass, with large stock of the **Six Best Geraniums.**
Fine Stock of Carnations—Estelle, Queen Louise and Joost; small Asparagus Sprengeri plants and Shasta Daisies, most in the field; will fill the houses full; all in fine condition. Must be sold at once; will go cheap. Talk quick if you want a bargain. Fine location in fine city.
D. SMEATON,
Des Moines, : : : : : : IOWA

FOR SALE
Anything; makes no difference what, at LOWEST PRICE. Greenhouse Hose, sample and price on application. **Boilers** and repairs, new or second hand. **Pumps** and repairs, new or second hand. **Pipe** and fittings, new or second hand. **Packing** and **Oakum. Glass, Flower Pots, Stocks and Dies, Stillson & Trimo's Wrenches, Plant Stakes, Gal. Wire, Cane Stakes, Putty, Oil, Lead, Points,** bbl. lots or less. **Carnation Plants, field-grown,** strong stock. Coal contracted for—lowest price. Ask us for anything you need. Inquiries promptly answered and prices quoted. We are experienced buyers. Will save you money by placing your orders with us. Best reference furnished.
Mail order house.
CHICAGO GREENHOUSE SUPPLY CO.
(NOT INC.)
Purchasing Agents and Brokers,
Room 211-12, 51 Wabash Ave., CHICAGO.

FOR SALE
A RARE OPPORTUNITY to purchase an exceedingly profitable greenhouse business at a bargain price and on easy terms.
One Greenhouse, 20 x 100 feet, frame.
One Greenhouse, 40 x 300 feet, all iron.
Filled with choicest stock grown.
Double thick glass, everything new, complete and in the best of condition.
21 acres rich soil; good orchard; all underlaid with coal.
Good 7-room house, barn, sheds, etc.
All conveniences; ¼ mile from R. R. station and right in the best flower market in the country.
GEO. F. HOFMEISTER,
Care of The Colonial Trust Co.,
PITTSBURG, PA.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Lillian Pond	$6.00	$50
Gov. Lowndes	6.00	50
Gov. Wolcott	6 00	50
Her Majesty	6.00	50
Marian	5 00	45
Queen Louise	5.00	45

White:	Per 100	1000
White Cloud	$5 00	$45
Hill	5 00	
The Queen	8.00	75
Pink:		
Enchantress	8.00	70
Alpine Glow	6 00	50

Pink:	Per 100	1000
Fair Maid	$6.00	$50
Lawson	6 00	50
Lawson, extra fine	8.00	70
Mrs. Roosevelt	6.00	50
Mrs. Nelson	5.00	45
Floriana	5.00	45

Pink:	Per 100	1000
Melba	$4 00	$35
Joost	4 00	35
Crocker	4.00	35
Scarlet:		
Estelle	6.00	50
Challenger	5.00	45

Crimson:	Per 100	1000
Harlowarden	$7 00	$60
Yellow:	Per 100	
Golden Beauty	$6 00	
Variegated:	Per 100	1000
Prosperity, Gaiety	6.00	45
Marshall Field	7.00	..

ROSES—Strong, from 2x3-inch pots, **Beauties**, $6.00 per 100; $50 00 per 1000. **Bridesmaid and Mrs. Pierpont Morgan**, $3.00 per 100; $25.00 per 1000.

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

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ASTERS. Write for prices on **JOOST, HILL, LAWSON** and other field-grown Carnations.

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10 to 12 inches high, 3 to 4 tiers, 50 to 60c.
12 to 15 " " 3 to 4 " 75c.
15 to 18 " " 3 to 4 to 5 tiers, 85c.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Cocos Weddelina—4-in., 15c.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c: 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

Asparagus Plumosus nanus—3-inch, strong, $3.00 per 100.

Cycas Revoluta—6 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each

Piersoni Ferns—Pot-grown, 4 to 6 fronds, $3.00 per 100.

Areca Lutescens—Made-up plants, large, 5½-inch pots, 50c.

Latania Borbonica—5½-in. pots, strong, 35c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegata—Variegated grass, $1.00 per doz.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.

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Wholesale Cut Flower Prices.

Philadelphia, Aug. 10.

		Per doz.
Beauties, Specials	$2.00 to	3.00
" Extra		1.50
" Medium		1.00
" Short	.50 to	.75
Queen of Edgely, Medium		1.00
" " Short	.50 to	.75
		Per 100
Bride and Bridesmaid	4.00 to	5.00
" " Specials	2.00 to	3.00
Kaiserin, Firsts	4.00 to	6.00
Seconds	2 00 to	3.00
Liberty, Firsts	4.00 to	6.00
Seconds	2.00 to	3.00
Cattleyas		50.00
Carnations, Common	.75 to	1.00
" Fancy		1.50
" Novelties	2.00 to	3.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprengeri Sprays	35.00 to	50.00
Asters	.75 to	1.50
Lilium Auratum doz.	1.00 to	1.50
" Harrisii doz.	.75 to	1.00
Smilax	10 00 to	12.50
Sweet Peas	.25 to	.40
Petunias, double	.50 to	.75

I WOULD rather miss a turkey dinner than miss one issue of the REVIEW.—J. E. CONNOR, Coatesville, Pa.

WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100	
Ivory	$3 00 to	$6 00
Meteor	3 00 to	6 00
Liberty	3 00 to	6 00
Golden Gate	3 00 to	6 00
La France	4 00 to	6 00
Kaiserin	4 00 to	8 00
Carnations, good		1 00
" fancy		2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

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Everything Seasonable in **CUT FLOWERS**
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From Grower to **DEALER**
Brides, Maids, Meteors, Short Beauties, and Sprengeri. Other goods later.
PRICES LOW. GOODS HIGH.
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FIELD-GROWN CARNATIONS.

1000 Fair Maid	per 100, $6.00;	per 1000,	$50.00
1000 Joost	" 5.00	"	45 00
1500 Queen	" 5.00	"	45 00
1000 Mrs. Lawson	" 8 00	"	70 00
250 Enchantress	" 8.00		.....
250 Prosperity	" 6.00		.....

C. F. Edgar & Co. WHOLESALE FLORISTS, 1516-18 Sansom St., PHILADELPHIA, PA.

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Brides and Maids, strong 3 in., a bargain,	$4.00
Perle, 3-inch	8.00

Clean, healthy, young plants. CASH with order, please.

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10-inch pans $1.50 each
12-inch pans 2.00 each

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GERMANTOWN, PHILADELPHIA.

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Special arrangements this season for the extensive handling of American Beauties.
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39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 903 Madison Square. Carnations
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55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."
J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL
BY WILLIAM SCOTT.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.
FLORISTS' PUBLISHING CO.
334 Dearborn St., CHICAGO.

Always Mention the....
Florists' Review
When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, Aug. 8.

		Per 100
Beauties,	Specials	$6.00 to $20.00
"	Extra	4.00 to 6.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Orchids, Cattleyas		40.00 to 60.00
Carnations,	Common	.25 to .50
"	Selects	.50 to 1.00
"	Fancies	1.00 to 1.50
"	Novelties	1.50 to 2.00
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, per bunch		6.00 to 10.00
Asters		.50 to 2.00
Dahlias		2.00 to 3.00
Gladioli		.35 to 1.00
Lilies		5.00 to 6.00
Lily of the Valley		1.00 to 2.00
Smilax		5.00 to 8.00
Stocks		5.00 to 10.00
Sweet Peas	per bunch,	.01 to .02

I FIND the REVIEW a storehouse of useful information and do not wish to miss a single issue.—W. B. LONGSTRETH, Gratiot, O.

PLEASE send the REVIEW for this year as I like it very much and will send you an adv. later.—A. J. THOMPSON, West Haven, Conn.

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Lion & Wertheimer's
Ribbon Exhibit
...AT THE CONVENTION...

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(Where Quality is First Consideration.)
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Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
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GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 807 Mad. Sq. **New York**
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EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar),.....Secretary and Treasurer.
56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY
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E. F. Winterson. John F. Dunham. L. H. Winterson.
Successors to McKELLAR & WINTERSON.

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Coogan Building, 55-57 West 26th St. **NEW YORK CITY.**
Phone 299 Madison Square.

Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

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Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.

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Wholesale Cut Flower Prices.

Buffalo, Aug. 10.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" Shorts	2.00 to	5.00
Brides and Maids, Extra		6.00
" " No. 1	4.00 to	5.00
" " No. 2	1.00 to	3.00
Carnot	2.00 to	6.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	8.00
Liberty	2.00 to	8.00
Meteor	2.00 to	6.00
Mrs. Morgan	2.00 to	5.00
Perle	3.00 to	4.00
Sunrise	1.00 to	3.00
Orchids—Cattleyas	15.00 to	25.00
Carnations, Selects	1.00 to	1.50
Adiantum Cuneatum	.50 to	1.00
" Farleyense	8.00 to	10.00
Asparagus Plumosus, Strings	40.00 to	60.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	3.00
Asters	.25 to	1.50
Gladiolus	.50 to	2.50
Lilium Longiflorum		15.00
Lily of the Valley	3.00 to	5.00
Smilax	10.00 to	15.00
Sweet Peas	.10 to	.20
Water Lilies	.50 to	2.00

WASHINGTON.

Convention Wanted.

Washington is in the field as an active candidate for the S. A. F. Convention of 1905. We now have an active Florists' Club under the efficient leadership of Wm. F. Gude, with Peter Bissett as secretary. The club met August 2 and voted to invite the S. A. F. here next year. Washington is a cooler place than St. Louis and there are always sights to be seen here by those who are not frequent visitors to the nation's capital. A convention here will almost certainly attract many who have never attended an S. A. F. meeting and, obviously, many who, though they have attended in years gone by, were not seen at Milwaukee or Asheville and are not likely to be at St. Louis. Washington is the logical meeting place for 1905.

Death of J. H. Ley.

John H. Ley, the plantsman, is dead. He was fifty-seven years of age, a native of Birmingham, England, but had spent many years in business here. He was for a time, after his emigration, an employe of Siebrecht & Son, New Rochelle, N. Y., and later of N. Studer, of Anacostia, D. C. Later he went into business for himself at Good Hope, removing a few months ago to Langdon, another suburb of Washington, where he died July 26. He leaves a widow and several children, two of the sons being in the retail business in this city.

CHAMPAIGN, ILL.—Thomas Franks is busy with his extensive remodeling work, which he is anxious to see completed.

JOSEPH S. FENRICH

WHOLESALE FLORIST,

48 W. 30th Street, **New York City.**
Telephone No. 325 Madison Square.

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LION & WERTHEIMER'S

Ribbon Exhibit

AT THE CONVENTION.

GALAX AND FERNS.

Galax Leaves, Bronze, $1.00 per 1000. Ferns, Fancy and Dagger, 90c per 1000 or 4000 for $3.00. Ivy Leaves, English, $5.00 per 1000. Sphagnum Moss, 60c per bag; $1.25 per large sack.

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H. L. MENAND, 34 William St. **ALBANY, N. Y.**
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The Florists' Manual

is a book that you need in your business.

If you haven't a copy already, order one now.

Wholesale Cut Flower Prices.

Chicago, Aug. 10.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $6.00	

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 6.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
La France	5.00 to 6.00
Chatenay	2.00 to 5.00
Carnations, Fancy	2.00
" Common	1.00 to 1.50
Asters	.50 to 1.50
Sweet Peas	.25 to .40
Easter Lilies	$1.50 per doz.
Auratums ..... 1.25 to 1.50	
Gladioli.....per doz. 25c to 50c.	
Water Lilies	1.00
Valley	2.00 to 4.00
Asparagus Strings	35.00 to 50.00
Asparagus Sprays.....per bunch,	.35 to .50
Asparagus Sprengeri	3.00 to 4.00
Adiantum Cuneatum	.40 to .60
" Croweanum	.60 to .75
Smilax.....per doz.,	$1.25
Galax .....per 1000,	1.25
Ferns ..... "	1.00

"Much information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—Thomas Chapman. Denver, Colo.

—— LOOK FOR ——

Lion & Wertheimer's RIBBON EXHIBIT

AT THE CONVENTION.

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CALL ON OR ADDRESS PERCY JONES, Manager.

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PERCY JONES

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STANDING ORDERS SOLICITED.

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SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS

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With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

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Roses and Carnations A Specialty.....

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All telegraph and telephone orders given prompt attention.

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GEORGE REINBERG,

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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

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Wholesale Growers of and Dealers in Cut Flowers.

All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

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SUCCESSOR TO

BRANT & NOE FLORAL COMPANY

58-60 Wabash Ave. CHICAGO.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Seasonable CUT FLOWERS OF EVERY VARIETY

FIELD-GROWN CARNATIONS

Prosperity....$6.00 per 100	Joost.....$5.00 per 100	McGowan.....$5.00 per 100	Morning Glory ....$6.00 per 100	Portia .....$5.00 per 100
Melba 5.00	Scott..... 5.00	Lillian Pond.... 6.00	Queen Louise..... 5.00	Flora Hill .. 5.00

The Philadelphia Wholesale Flower Market, 1228 Cherry St. Philadelphia

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Aug. 10.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.00 to 1.50
" No. 1	.60 to .75
	Per 100
Brides and Maids, Specials	$4.00 to $5.00
" " Extra	2.00 to 3.00
" " No. 1	.50 to 1.00
Carnot	4.00 to 5.00
Golden Gate	4.00 to 5.00
Kaiserin	4.00 to 6.00
Liberty	3.00 to 5.00
Meteor	3.00 to 5.00
Perle	2.00 to 3.00
Carnations, Common	.75 to 1.00
" Selects	1.50 to 2.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.25
" Sprengeri "	1.00 to 1.25
Asters	.50 to 1.50
Gladiolus	2.00 to 3.00
Lily of the Valley	2.00 to 3.00
Smilax	12.50 to 15.00
Sweet Peas	.15 to .25
Tuberoses	3.00 to 4.00

Milwaukee, Aug. 10.

	Per 100
Beauties, Extra	$25.00
" No. 1	10.00 to 18.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, No. 1	4.00 to 6.00
" " No. 2	2.00 to 3.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 6.00
Mme. Chatenay	2.00 to 5.00
Meteors	2.00 to 5.00
Carnations, Common	.75 to 1.00
" Selects	1.50
Adiantum Cuneatum	.40 to .60
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri "	3.00 to 4.00
Asters	.50 to 1.50
Gladiolus	.75 to 2.00
Lilium Auratum	1.00 to 1.50
Lily of the Valley	2.00 to 4.00
Smilax	8.00 to 10.00
Sweet Peas	.25 to .40

THE REVIEW seems to be able to hunt out the buyers.—F. A. BELT, Sterling, Ill.

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

WM. MURPHY,

GROWER AND COMMISSION DEALER IN

Cut Flowers and Florists' Supplies

128 East Third Street,

Phones Main 980 West 1191-R CINCINNATI, OHIO.

Mention The Review when you write.

PETER WEILAND,

Wholesale Grower of

Cut Flowers

ROSES, CARNATIONS AND FERNS A SPECIALTY. : : :

128 East 3rd St., CINCINNATI, OHIO.

Solicits your orders with confidence that he can serve you to your entire satisfaction.

Mention The Review when you write.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

38-40 Miami Avenue, Detroit, Mich.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

J. M. McCULLOUGH'S SONS,

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

Mention The Review when you write.

All Flowers in Season

CONSIGNMENTS SOLICITED

Prompt returns and best of care given all consignments.

C. E. CRITCHELL,

WHOLESALE COMMISSION FLORIST,

36 EAST THIRD ST., Cincinnati, Ohio.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Cincinnati, Aug. 10.

	Per 100
Beauties, Extra	$15.00 to $25.00
" No. 1	8.00 to 12.50
" Shorts	3.00 to 6.00
Brides and Maids, Specials	5.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Perle	2.00 to 5.00
Sunrise	2.00 to 5.00
Carnations, Common	.50
" Selects	.75 to 1.00
" Fancies	1.50 to 2.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	50.00
" Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Asters	.50 to 2.00
Dahlias	2.00 to 4.00
Daisies	.25 to 1.00
Gladiolus	2.00 to 4.00
Lilium Longiflorum	8.00 to 15.00
Smilax	10.00 to 15.00
Stocks	2.00 to 4.00
Sweet Peas	.15 to .35

Pittsburg, Aug. 10.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 15.00
" No. 1	6.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids	2.00 to 6.00
Kaiserin	2.00 to 10.00
Liberty	3.00 to 6.00
Meteor	2.00 to 6.00
Carnations, Common	.50 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprengeri, Sprays	1.00 to 2.00
Asters	.50 to 2.00
Daisies	.50
Gladiolus	2.00 to 4.00
Lily of the Valley	3.00 to 4.00
Smilax	6.00 to 10.00
Sweet Peas	.10 to .50

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

I WOULD not think of doing without the REVIEW. It is both practical and interesting and using its advertisements has been very satisfactory.—M. MAGRUDER.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

LOOK FOR

LION & WERTHEIMER'S

Ribbon Exhibit

AT THE CONVENTION.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

LONG DISTANCE TELEPHONE MAIN 3018 M.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE. Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

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WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 3478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

No. 119 16th Street, OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

Convention Number

THE WEEKLY FLORISTS' REVIEW

August 18.

Send Advertising Copy..... NOW!

Always Mention the....

Florists' Review

When Writing Advertisers.

Young & Nugent,

42 West 28th Street,

Tel. 2065 Madison Sq. New York City

ROSES. GARDENIAS. CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town florists for Steamers, Commencements, Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write Us.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Mrs. Chas. Eickholt,

2319 AVENUE M, Galveston, Tex.

The Pike will be Great -- OUR DISPLAY will be GREATER.

☞ OUR LATEST IMPORTATIONS ARE IN A CLASS BY THEMSELVES.

We have carried all before us for years at the Conventions. For Correctness of Style and High-Class Workmanship our FLORISTS' SUPPLIES stand unmatched to-day.

H. Bayersdorfer & Co.

THE LARGEST FLORISTS' SUPPLY HOUSE IN AMERICA.

50-56 N. 4th Street, -- PHILADELPHIA.

THE ANNUAL

Convention Number

of the Review

will be published Next Week.

Containing a full, illustrated report of the St. Louis Convention and Trade Display while the subject is still fresh and full of interest.

This is a fine opportunity for SPECIAL ADVERTISING.

SEND "COPY" AT ONCE to be in season.

HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

Mention The Review when you write.

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Meet me in St. Louis, and GIVE YOUR ORDER TO

L. BAUMANN & CO.

76-78 Wabash Avenue, -- CHICAGO,

For FLORISTS' SUPPLIES, Artificial Flowers and Metal Designs.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

LOOK FOR

LION & WERTHEIMER'S RIBBON EXHIBIT

AT THE CONVENTION.

BRAMPTON, ONT.

August 3 was a red letter day in the florists' line here, the Toronto Horticultural Society being the guests of the Dale Estate. After a visit to the greenhouses, the party adjourned to the Rose-Lee grounds, kindly lent for the occasion by Mr. Jennings, and a very good programme of sports was in order. A cricket match resulted in a win for the Toronto boys. But the tables were turned when the tug of war was the order. The ladies of Toronto received quite an ovation when they pulled the girls here about the field. The event of the day was the baldheaded men's race, which T. W. Duggan secured in fine style. Supper was served on the green and then the party was photographed. More racing was done and considerable bolstering in which Tom Manton, the genial Toronto florist, and the foreman of the Dale Estate played a conspicuous part. The day closed with an impromptu concert and the usual thanks at the club house. WM. DOWNING.

ORANGE, N. J.

A large and representative gathering met on August 5 to hear Leonard Barron tell the New Jersey Floricultural Society the advantages of organization. It provoked a lively discussion, the meeting refusing, however, to place itself on record.

Both of the leading orchidists of this section, Henry Graves and Wm. Barr, were represented, and the work of Edward Thomas and Arthur Bodwell were seen side by side. Gladioli from the estates of A. C. Von Gaasbeck and Chas. Hathaway, phlox from Sidney and Austin Colgate, Mrs. Wm. Pierson and John Crosby Brown; alamandas from O. D. Munn, and dahlias from W. J. Hesse, of Newark, were shown.

It was decided to keep the approaching "tin wedding" of the society in October in an appropriate manner.

PARKERSBURG, W. VA.—Gus Obermeyer will be at the S. A. F. convention next week. He has a big bed of his new canna, West Virginia, at the World's Fair.

LOUISVILLE, KY.

Business is very slow just now, only funeral work. Asters are coming in but of poor quality, owing to the dry weather we are having.

The regular monthly meeting of the Kentucky Society of Florists was held August 2, at the handsome residence of Wm. Walker. A very large attendance was present and lots of business was transacted. The meeting was held on the beautiful lawn. After the meeting adjourned the club was invited to partake of a bountiful spread prepared by Mrs. Walker and was enjoyed by all who were present.

Jacob Schulz is preparing his carnation houses and will soon plant them.

Mr. and Mrs. J. E. Marret and Mr. and Mrs. E. G. Reimers will leave August 16 to take in the World's Fair at St. Louis.

Jos. Coenen & Co.'s place is in apple-pie order.

Hy. Fuchs' house of roses is looking fine.

Mrs. C. B. Thompson, who has been very ill for some time, is much improved.

Mrs. Chas. Reimers has returned from her trip to California and enjoyed it very much.

Miss Sidonea Coenen, daughter of Jos. Coenen, celebrated on Monday night her sixteenth birthday and the house was beautifully decorated with palms and ferns. The presents she received were fine and costly. Dancing was kept up to a late hour.

Quite a number are going to St. Louis to attend the convention.

Hy. Lichtefeld.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Surplus Bride Roses.

Good stock, in 4-inch $30.00 per 1000.

Second-hand wire rose stakes, perfect condition, 2000 3⅛ feet, 1800 4 feet, 500 5 feet; make me an offer for the lot.

Charles H. Totty, Madison, N. J.

LOOK FOR

Lion & Wertheimer's RIBBON EXHIBIT at the CONVENTION.

Always mention the Florists' Review when writing advertisers.

CARNATIONS

Clean, Stocky Plants, guaranteed ready for benching. Going back to lettuce; no surplus stock.

		100	1000
6,000	Marquis	$3.50	$32.00
1,100	Jubilee	3.50	32.00
1,100	Crane	4.00	35.00
500	Bradt	4.00	....
3,500	Glacier	4.50	38.00
1,200	Morning Glory	4.50	38.00
1,800	Peru	4.50	38.00
800	Daybreak, White	4.50	38.00
1,800	Lawson	5.00	45.00
500	Estelle	5.00	45.00

500 at 1000 rate. CASH.

Blanksma Bros., Grand Rapids, Mich.

LETTUCE GROWERS, R. F. D. No. 11.

Always mention the Florists' Review when writing advertisers.

CHICAGO TO ST. LOUIS

The Chicago Florists' Club has arranged to travel to the St. Louis Convention of the S. A. F. via

THE WABASH

A large and congenial party will leave Chicago at 11:00 a. m. MONDAY, August 15 (round trip tickets $8.00, good for ten days) and all Florists passing through Chicago are invited by the Chicago Florists' Club to arrange to travel with the Chicago party.

The Buffalo Florists' Club will also travel via The Wabash, leaving Buffalo, Monday, August 15, at 1:30 p. m.

FOR RATES, WORLD'S FAIR FOLDERS, ETC., ADDRESS

R. F. KELLEY, G. A. P. D.
287 Main St., Buffalo, N. Y.

F. A. PALMER, A. G. P. A.
97 Adams St., Chicago.

FIELD-GROWN CARNATIONS

IT HAS BEEN A GOOD GROWING SEASON WITH US AND PLANTS ARE IN FINE SHAPE, STRONG AND BUSHY.

	Per 100	1000
Mrs. T. W. Lawson	$6.00	$50.00
Mrs. Nelson	6.00	50.00
Mrs. Higinbotham	4.00	35.00
Chicago	6.00	50.00
Mrs. Ine	4.00	35.00
Flora Hill	6.00	50.00
Peru	$6.00	$50.00
White Cloud	5.00	45.00
Roosevelt	6.00	50.00
Guardian Angel	4.00	35.00
McKinley	6.00	50.00
Mrs. Bradt	6.00	50.00
Estelle	$6.00	$50.00
Gov. Wolcott	6.00	50.00
Norway	5.00	45.00
Queen Louise	6.00	50.00
Harlowarden	6.00	50.00

ROSE PLANTS

STRONG STOCK FROM 2½-INCH POTS.

LOW PRICES TO CLOSE OUT.

UNCLE JOHN The finest pink rose yet introduced, beautiful color, free bloomer, best money-maker. **$20.00 per 100; $150.00 per 1000.**

	Per 100	1000
Mme. Chatenay	$3.00	$25.00
Sunrise	5.00	40.00
Bride	2.50	20.00
Maid	2.50	20.00
Golden Gate	2.50	20.00

3-INCH POTS.

	Per 100	1000
Chatenay	$5.00	$40.00
Maid	3.50	30.00
Bride	3.50	30.00
Golden Gate	3.50	30.00

ONE-YEAR-OLD PLANTS From Benches.

	Per 100	1000
American Beauty	$5.00	$40.00
Liberty	5.00	40.00

ALL STOCK SOLD UNDER EXPRESS CONDITION THAT IF NOT SATISFACTORY IT IS TO BE RETURNED IMMEDIATELY, WHEN MONEY WILL BE REFUNDED.

PETER REINBERG, 51 Wabash Ave., CHICAGO

Mention The Review when you write.

THE BEST Is the Cheapest in the end. 52,000 large, bushy, healthy field-grown Pink Plants are now ready.

	100	1000
The Queen	$8.00	$70.00
Queen Louise	7.00	60.00
Harry Fenn	8.00	70.00
Joost	5.00	40.00
Marquis	6.00	50.00
Pond	6.00	50.00
Fair Maid	8.00	70.00
Enchantress	9.00	80.00
Floriana	7.00	60.00
Lawson	8.00	70.00
Goodenough	7.00	60.00
Boston Market	7.00	60.00

	100		100
Cervera	$6.00	May Naylor	$7.00
Morning Glory	6.00	Her Majesty	7.00
Field	8.00	Dorothy Whitney	8.00
Maceo	6.00		
Crane	6.00	Mrs. M. A. Patten	14.00
Cressbrook	5.00		
Roosevelt	7.00	White Lawson	14.00

250 at 1000 rate. CASH.

C. L. HOWE, CARNATION SPECIALIST **Dover, N.H.**

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

Strong and Healthy.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
QUEEN	"	6.00
LAWSON	"	6.00
FAIR MAID	"	6.00
ELMA	"	6.00
MORNING GLORY	"	5.00
MACEO	"	5.00

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

NEW SCARLET CARNATION

THE CARDINAL!

AN IMPROVED ESTELLE IN EVERY RESPECT.

Winner of 1st PRIZE, BEST 100 SCARLET, AT DETROIT.

READY JANUARY 1. $12.00 per 100; $100.00 per 1000.

INTRODUCERS { **E. G. HILL CO., Richmond, Ind.** / **S. S. SKIDELSKY, Philadelphia, Pa.** / **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

CARNATIONS

FINE, HEALTHY Field-Grown Plants

This complete lot at a snap price, if taken at once.

6000	Marquis	$4.50 per 100.	$40.00	per 1000
1800	Peru	4.50 "	40.00	"
1800	Lawson	5.00 "	45.00	"
1200	Morning Glory	5.00 "	45.00	"
500	Bradt	4.50		
500	Estelle	5.00		
1100	Jubilee	4.50 "	40.00	"
1100	Crane	5.00 "	45.00	"
3500	Glacier	4.50 "	40.00	"
800	White Daybr'k.	5.00		

CHICAGO GREENHOUSE SUPPLY CO.
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS.

STRONG FIELD PLANTS.

12,000	LAWSON	per 1000,	$50.00
10,000	WHITE CLOUD	"	45.00
10,000	FLORA HILL	"	45.00

IMMEDIATE DELIVERY.

WEILAND & RISCH,
59 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Extra strong and healthy CARNATION PLANTS. Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$8.00	Lawson	$8.00
Market	8.00	Joost	6.00
McGowan	6.00	Estelle	8.00
Lord	8.00	Fenn	6.00
Maid	8.00	Gomez	6.00
Enchantress	$8 to 10.00	Ad. Cervera	6.00
Nelson	8.00	Prosperity	8.00

FRANK H. KIMBERLY,
Townsend Ave., NEW HAVEN, CONN.

Mention The Review when you write.

Field-Grown Carnations.

Strong Healthy Plants.

Lawson	$6.00	per 100;	$50.00	per 1000
Flora Hill	5.50	"	45.00	"
White Cloud	5.00	"	40.00	"
Guardian Angel	5.00	"	40.00	"

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. **CHICAGO, ILL.**
PETERSON AVE., NEAR ROBEY ST.

Mention The Review when you write.

100,000 FIELD GROWN Carnation Plants. All the Standard Varieties.

Strong, healthy and well-grown plants. Can make Shipments now, or book orders for early Fall delivery. PRICES AND LIST ON APPLICATION.

SMILAX, 2-inch pots, **$20.00 per 1000. ASPARAGUS PLUMOSUS** 3-inch pots, **$7.00 per 100**

LEO NIESSEN, 1217 Arch Street, Philadelphia, Pa.

OCEANIC, N. J.

The river carnival at Red Bank was one of the most beautiful events of its kind in the history of this section, one that will hardly be forgotten by those who witnessed it. The North Shrewsbury river was covered with boats of every description, gayly decorated for the occasion, the various colors and pretty women making the river like a fairyland picture. In the evening the parade of illuminated boats of all kinds took place. Each section of boats was headed by a band. The first prize for the best decorated power boat was awarded to B. H. Borden, of Oceanic. O. E. Davis was second.

The village Improvement Society of Oceanic has effected a permanent organization. The summer residents take great interest in this society. The officers are: W. H. Pearsall, president; H. B. Borden, first vice-president; Miss Lily Bliss, second vice-president; C. H. Walling, secretary; J. Enright, treasurer.

Wm. Turner and the writer took a trip to Yonkers to see our old friend, Mr. Mackenzie, before he leaves Greystone, on September 1, to go as superintendent of Percy Chrubb's place, Glencove, L. I.

At the regular meeting of the Monmouth County Horticultural Society, Mr. Turner showed many fine water lilies. The secretary announced several donations for the fall show, for which the outlook is very promising. The judges of the evening were Geo. H. Hale and N. Butterbach. B.

CAMBRIDGE CITY, IND.—Thomas F. Peet has returned from Indianapolis and taken charge of greenhouses here.

BIRMINGHAM, ALA.—Miss Mabel Lindsay, daughter of Mr. and Mrs. Wm. M. Lindsay, died August 1, after a lingering illness. She was 25 years of age.

MORRISTOWN, N. J.—H. C. Holmes is making some alterations in his place, to afford better facilities for his prosperous retail business. R. A. McCurdy, president of the New York Mutual Life Insurance Co., is preparing to build a conservatory about 25x100. It is near the cut-flower establishment of Elwyn Waller and by comparison the foundations for the conservatory look as if intended for a sky-scraper.

FIELD-GROWN

Carnations.

Extra strong, healthy plants.

Queen Louise, Norway, White Cloud, Lorna, Prosperity, Flora Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.

Ready for immediate shipment. All of the above varieties, **$6.00** per 100; **$50.00** per 1000.

ORDER NOW.

Price quoted is for first-class selected stock Can supply cheaper grades if desired.

CHAS. W. McKELLAR,

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Maceo	crimson	6c
Enchantress	light pink	10c	Floriana	pink	5c
Lawson	pink	7c	Ethel Crocker	pink	5c
Mrs. Potter Palmer	scarlet	6c	Eldorado	yellow	5c
Chicago	red	6c	Success	light pink	5c
J. H. Manley	scarlet	6c	Oriole	scarlet	5c
Mrs. E. A. Nelson	pink	6c	Mermaid	pink	5c
Gov. Roosevelt	crimson	6c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

CARNATION PLANTS

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	4 00	35 00
Higinbotham, pink	5 00	45 00
Flora Hill, white	4 00	35 00
White Cloud, white	5 00	45 00
Queen Louise, white	5 00	45 00

Rose Plants

Bridesmaid, Bride and Ivory, large, clean stock, $18.00 per 1000.

George Reinberg

51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00	per 100;	$50.00	per 1000
Queen Louise	6.00	"	50 00	"
Mrs. Geo. Bradt	6.00	"	50.00	"
Norway	6.00	"	50.00	"
Estelle	6.00	"		
Flora Hill	5.00	"	40 00	"
Joost	5.00	"	40.00	"
Genevieve Lord	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots.....$8.00 per 100

Golden Gate Roses, strong, 4-in. pots 8.00 "

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

Mention The Review when you write.

FIELD-GROWN

Carnation Plants.

We offer the following varieties, all first-class plants, at $5.00 per 100 in not less than 100 lots:

LAWSON, MORNING GLORY, PROSPERITY, GOV. WOLCOTT, WHITE CLOUD, NORWAY,

and a few mixed varieties.

Also can furnish 3000 American Beauty plants in 3 to 4-inch pots at $40.00 per 1000, or $5.00 per 100. Mme. Chatenay, 4-inch, $40.00 per 1000.

ALL PLANTS SHIPPED FROM HINSDALE.

BASSETT & WASHBURN

76 WABASH AVENUE, CHICAGO, - - ILL.

Mention The Review when you write.

H. Weber & Sons

CARNATIONS!

Oakland, Md.

Mention The Review when you write.

Always Mention the.... **Florists' Review** When Writing Advertisers.

FIELD-GROWN CARNATIONS!

RELIABLE STOCK.

Harlowarden, Enchantress, Estelle, Palmer, Her Majesty,

$50.00 per 1000; $6.00 per 100.

Lawson, Guardian Angel, Norway, Joost, Flora Hill, Queen Louise, Peru,

$45 00 per 1000; $5.00 per 100.

CASH WITH ORDER.

PERCY JONES, Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

Mention The Review when you write.

CARNATIONS. FIELD-GROWN PLANTS.

One of our customers, to whom we sent 3000 carnation plants, wrote us complimenting us on the quality of the plants and ordered 1000 more.

1st size, $7 per 100; 2nd size, $5 per 100.

Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Bradt, Maceo, Gomez, Crane, Adonis.

Roses 2½-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Golden Gate, Ivory.

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

Perles, Am. Beauties

Brides, Maids, Golden Gates, Ivory, La France, Carnot.

Boston and Piersoni Ferns, Sprengeri and Plumosus—All sizes, 2½, 3, 4 and 5-inch. Ready to shift. Send 50c or $1.00 for samples of sizes you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

3-inch ROSES

Strong, healthy plants Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$3.50	$30.00
Perles	5.00	45.00
Beauties, special	4.00	40.00
Kaiserins, extra fine	6.00	
2½-inch—Brides, Ivory	2.50	20.00
2½-inch—Beauties	3.00	25.00

Very low prices for very good plants. Order at once. Stock will not last long at such figures.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

LOOK FOR

Lion & Wertheimer's RIBBON EXHIBIT at the CONVENTION.

FIELD-GROWN CARNATIONS

	Per 100		Per 100
Enchantress	$8.00	Flora Hill	$4.00
Lawson	6.00	White Cloud	4.00
Norway	4.00		

Asparagus Plumosus Nanus, strong 2½-in... 3.00

E. KNABE, Florist, FRANKFORT, IND.

Mention The Review when you write.

BEGONIA Gloire de Lorraine

Sept. delivery. 2-in. pots, $12 per 100.

Just from the woods direct:

CATTLEYA GASKELLIANA.

Inquire for prices at once.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

Carnations.

STRONG, HEALTHY, FIELD-GROWN STOCK, as follows:

130	Armazindy....5c	185	Guardian Angel..5c
450	Crane....5c	100	Marquis....5c
375	Enchantress....8c	350	Melba....5c
420	General Maceo..6c	100	Morning Glory...6c
260	Genevieve Lord..5c	900	Mrs. Joost....5c
175	Gov. Wolcott....6c	340	Prosperity....6c

L. L. MAY & CO.

ST. PAUL, MINN.

Mention The Review when you write.

15,000 EXTRA FINE ROSE PLANTS

3-inch pots, propagated for our own use, Bride, Bridesmaid, Golden Gate, Ivory, Meteor, $4.00 per 100; $35.00 per 1000.

A. GUDE & BRO.

1124 F Street N.W., WASHINGTON, D. C.

Mention The Review when you write.

ROSES.

10,000	2½-in. Maids	$20.00 per 1000
10,000	3½-in. Brides	40.00 "
10,000	3 and 3½-in. Beauties	$5.00 per 100, $45.00 per 1000.
	2½-in. Beauties	$35.00 per 1000
2,500	3½-in. Gates	40.00 "
500	3½-in. Franz Deegen	4.50 per 100
1,500	3½-in. Perles	4.50 "
15 000	2½-in. Stevia	2.00 "
Stevia R. C.		$1.50 per 100, 12.00 per 1000

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Mention The Review when you write.

CARNATIONS!

Fine, Healthy, Field-Grown Stock.

JOOST and QUEEN LOUISE, $6.00 per 100.

Read What Others Say About Our Stock:

WASHINGTON, D. C., July 20, 1904.

Mr. H. M. TOTMAN. Dear Sir:—We are pleased to state that the 1000 Joost carnation plants received from you last fall were very fine, healthy stock and reached us in fine condition and proved satisfactory in every particular. Yours truly, A. GUDE & BRO., Florists.

H. M. TOTMAN, Randolph, Vt.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

THE very best first-class Carnation Plants at a special discount of 10 per cent. from the prices listed below. This offer is good for ten days only. We guarantee the stock.

	Per 100	Per 1000
WHITE		
Moonlight, new	$10.00	$75.00
Alba	6.00	
Queen Louise	6.00	
Norway	5.00	
Reliance, new	8.00	75.00
Lady Bountiful, new	12.00	100.00
Her Majesty	5.00	
Lillian Pond	5.00	40.00
Wolcott	5.00	
Lorna	5.00	
Flora Hill	5.00	40.00
SCARLET		
Crusader, new	10.00	80.00
Estelle	6.00	50.00
Manley	6.00	
Apollo	6.00	
Adonis	6.00	
PINK		
Mrs. Thos. W. Lawson	6.00	50.00
Enchantress	8.00	75.00
Fair Maid	6.00	
Mrs. Higinbotham	5.00	40.00
Nelson	6.00	50.00
Cressbrook	5.00	
CRIMSON		
Harlowarden	6.00	50.00
Harry Fenn	6 00	
Roosevelt	5.00	
FANCIES		
Prosperity	5.00	
Marshall Field	6.00	50.00
(White Variegated)		
Dorothy Whitney	7.00	60.00
(Yellow Variegated)		
Tiger, yellow & pink	6.00	

E. H. HUNT

76-78 Wabash Ave.

CHICAGO

NEWPORT, R. I.

The Market.

As August advances more and more dinner parties and luncheons are being given here, as well as other social entertainments of various kinds that all go to make business good for the florist. During the past ten days a great many flowers have been sold. In regard to prices they have changed very little since my last report two weeks ago, except that sweet peas, which the damp, foggy days have spoiled in many places, are scarce and higher; that is, you can get 25 cents per 100 for what two weeks ago you could not give away. Orchids also have been very short, the best cattleyas bringing $1 each some days. The finest American Beauty roses are retailing for $6 a dozen, and Kaiserins and Liberties for $3 to $4. Valley is always in good demand. Outdoor stuff goes even better than last week. Oriental poppies have sold especially well, many being used for dinner decorations. On the whole business is very good and will be for several weeks yet.

Various Notes.

Last Wednesday evening the Newport Horticultural Society held its regular meeting, President Sullivan in the chair. Many matters pertaining to the show next month were arranged. James T. Scott, with the F. R. Pierson Co., of Tarrytown, was present.

Leikens has made a very pretty floral effect in both his Bellevue avenue windows, clearing out everything save the dozens of miniature automobiles with pretty flowers, which he arranged in honor of the automobile meet here on Saturday.

The largest lawn fete that Newport has ever known will be given Monday afternoon at Edward Berwinds' beautiful estate.

George Westland has moved his family to Cambridge, Mass., where he has charge of the greenhouses and shrubbery of Mount Auburn cemetery.

Several gardeners have done a good business here, taking care of those places where no regular gardener is employed. They advertise "Gentlemen's places taken care of by the day, month or year." They furnish all plants and shrubbery needed at most reasonable rates, and charge 25 cents per hour for the labor.

Visitors: Henry C. Anthony, of Portsmouth, R. I.; James T. Scott and S. G. Harris, Tarrytown, N. Y.

ZERO.

NOW IS THE TIME

To stock up on Araucarias and reap the benefit of the summer's growth.



Araucaria Excelsa.

As usual at this season of the year we are carrying an immense stock of these plants, all are of good value and will be found a profitable investment.

Araucaria Excelsa.

	Each
4-in. pots... 5 to 6 in. high...2 tiers.....	$ .35
4-in. pots .. 8 to 10 in. high...3 tiers.....	.50
6-in. pots...12 to 14 in. high...3 to 4 tiers,	.75
6-in. pots...14 to 16 in. high...4 tiers.....	1.00
6-in. pots...16 to 18 in. high...4 tiers.....	1.25
7-in. pots...20 to 24 in. high...4 to 5 tiers,	1.50

Araucaria Excelsa Glauca.

	Each
6-in. pots...13 to 15 in. high...3 tiers.....	$1.25
7-in. pots ..16 to 18 in. high...4 tiers.....	1.75
7-in. pots...22 to 24 in. high...4 to 5 tiers,	2.00

Araucaria Robusta Compacta.

	Each
6-in. pots.....10 in. high....2 to 3 tiers...	$1.25
6-in. pots .....12 in. high....3 tiers	1.50
7-in. pots.....15 in. high....3 to 4 tiers...	1.75

Now is also the time

To sow seeds of PANSIES, PRIMULAS, CINERARIAS, DAISIES, MYOSOTIS, etc., etc.

Full list of same see our current wholesale catalogue.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

Grand Exhibition of GLADIOLUS BLOOMS

At EDEN MUSEE, New York,

23rd St., near 6th Ave. Admission, including Museum, 50c.

August 16 to 21, inclusive.

BY

JOHN LEWIS CHILDS, Floral Park, L. I.

Mention The Review when you write.

A. Plumosus Nanus.

2-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Mention The Review when you write.

AA SEEDS...

PRIMROSE IMPROVED CHINESE

Finest grown, large-flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half-pkt., 50c. Have the varieties separate also.

DAISY Double Giant, mixed, 1000 seeds, 25c.

CINERARIA Finest large-flowering dwarf in best mixture, 1000 seeds, 50c.

PANSY GIANT The finest large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50c.

500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of Giant Pansy Seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses

Mention the Review when you write.

5000 SMILAX!

Extra strong, out of 2¼-inch pots, cut back three times, send for sample. $15.00 per 1000, $2.00 per 100. 500 at the 1000 rate.

THOMAS H. PATTERSON & CO.

278 Old York Road, BALTIMORE, MD.

Mention The Review when you write.

We Want Room

and as long as they last will sell a few nice Piersoni stock in 3-inch at $12.50, 4-inch at $15.00, 6-inch at $75.00, 7-inch at $100.00 per 100. Send order to

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock.....	$12.00 per 100.
3-inch stock, fine specimens	35.00 "
5-inch stock	75.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

Mention The Review when you write.

VIOLETS

Imperial, an improved Marie Louise, from 2-in. pots, $25.00 per 1000; from 3-in. pots, ready in about two weeks, $4.00 per 100; $35.00 per 1000. Lady Campbell, 2-in., $2.00 per 100; 3-in., $35.00 per 1000. Field-grown carnations, write for varieties and prices.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

New Geranium Telegraph



4-inch pot plant "Telegraph."

SELLING AGENTS:

HENRY A. DREER .....PHILADELPHIA, PA.
THE E. G. HILL CO.....RICHMOND, IND.
THE LIVINGSTON SEED CO.....COLUMBUS, OHIO.
VAUGHAN'S SEED STORE, CHICAGO and NEW YORK.

Truly the Grandest Introduction to the Geranium family.

Come see it growing at our establishment — INSIDE AND OUT.

THE TELEGRAPH will be SOUGHT BY ALL for CONSERVATORY OR WINDOW AND FOR BEDDING OUT.

A sure money maker for the trade. Telegraph will sell at sight. Its mammoth size, beautiful color, strength of growth and remarkable productiveness, gives it a place on the market above all others.

Telegraph is a seedling of 1900; parentage, Mrs. E. G. Hill and Wonder; robust grower; foliage dark green, with zone; flowers, single, of immense size; rich deep orange cerise in color. Has proven gilt edged through every test during the past four years. Unsurpassed for bedding out. Indispensable for conservatory or window.

It comprises all the qualifications for a good commercial and fancy geranium.

Awarded Certificate of merit by the Dutchess County Horticultural Society, November, 1903, and The New York Florists' Club, April, 1904.

Strong plants, 2¼-in. stock, ready October 1st, $20.00 per hundred.

Order Now, propagate through the winter, offer to your trade next Spring.
You will find Telegraph the best money maker on the market.

Thos. DeVoy & Son, Poughkeepsie, N. Y.

Mention The Review when you write.

BUCKLEY'S August Bargains!

Here is your chance to secure the following first-class stock at rock bottom prices for a few days.

GERANIUMS—Strong 2½-inch. J. Viaud, Mrs. E. G. Hill, Beaute Poitevine, S. A. Nutt, Bruanti, $1.50 per 100; $15.00 per 1000.

SMILAX—Strong 2¼-inch. We have the best stock in the market at $1.25 per 100; $.0.00 per 1000.

ASP. PLUMOSUS NANUS — Beautiful stock from 2¼-inch pots, $2.50 per 100; $21.00 per 1000.

ASP. SPRENGERI — Strong seedlings, ready for potting, $1.00 per 100; $9.00 per 1000.

CASH.

THE W. T. BUCKLEY PLANT CO.
SPRINGFIELD, ILL.

Mention The Review when you write.

Last Call--Stock Must Be Sold

Boston Ferns—Nice young plants out of 2½ in. pots, $2.75 per 100. **Kentia Palms**—Cool grown and stocky, 3½-in. pots $12.00 per 100. **Coleus**—Golden Bedder, Verschaffelti, and 10 other varieties, 2-in. pots, $2.00 per 100. **Stevia**—Fine stocky plants 2-in. pots, $2.00 per 100. **Smilax**—2½-in. pots, $1.75 per 100; $15.00 per 1000.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns

2½-inch $4.00, 3-inch $8.00, 4-inch $15.00, 5-inch $25.00 per 100; 6-inch 40c, 7-inch 60c, 8-inch 75c each. Piersoni rooted runners reduced to $2.00 per 100.

DAVIS BROS.
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

Primroses

	Per 100
Chinese, 2-inch pots	$2.00
5000 Cineraria Hyb. Grandiflora	2.00
Forbesi	2.00
1000 Obconica Grandiflora	2.00

Asparagus

	Per 100
Plumosus Nanus, 2-inch pots	$2.50
Sprengeri, $18.00 per 1000	2.00
Pansy Plants, Sept., $3.00 per 1000	.60

PANSY SEED.....ne plus ultra, oz., $4.00

Jos. H. Cunningham, Delaware, Ohio

Mention The Review when you write.

8000 GOOD

Chrysanthemums

Fine thrifty plants from 2½-inch pots. Cheap for cash, **$2** a 100; **$18** a 1000.

Glory of Pacific, Polly Rose, Estelle, Whilidin, Monrovia, Halliday, Bergmann, Bonnaffon, Ivory, Robinson, Willowbrook.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.

Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

Mention The Review when you write.

Chrysanthemums.

Fine stock from 2 and 2½-inch pots, $2.00 per 100. Yanariva, Yanoma, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Glory of Pacific, Lincoln. CASH or satisfactory reference.

J. J. ARNOLD, Homer, N. Y.

Mention The Review when you write.

Chrysanthemums The New Ones

They are going to be the winners this fall for both commercial and exhibition purposes. As stated in our advertisement of last week, if you want to get into the first row you want to put them in now, and we are offering the full list as advertised in last week's paper.

These plants are fine 2½-inch stock, and are sure to give satisfaction. **$3.00 per dozen,** assorted kinds. Same rate for entire lots of one or more each. No orders filled for less than one dozen.

Have also a few of the standard sorts on hand, such as Estelle, the best early white; Polly Rose and Mrs. Murdock, a fine, all-around pink, at **$2.50 per 100; $20.00 per 1000.**

La France Roses, extra fine stock, 2½-in. pots, from grafted stock, **$5.00 per 100.** Perfectly clear of any mildew.

CASH WITH THE ORDER. SATISFACTION GUARANTEED.

"CRITCHELL'S"
Avondale, :: Cincinnati, Ohio.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA. **S. S. SKIDELSKY, 824 S. 24th St. PHILADELPHIA.**

LOOK for the Exhibit of
BEGONIA "TEMPLINII"
AT THE S. A. F. CONVENTION.

PITTSBURG.

The Market.

Trade still has the summer look and most of the retail stores are running with about half the force, the remainder being away on vacations. Good carnations are very scarce, as the houses have all been cleaned out and the outdoor stock is not fit to use. Roses are improving in quality and length of stem. Some very fine Kaiserins are coming in. The Pittsburg Cut Flower Co. reports business same as other years, with nothing to complain of, but at the time the tables were full of asters, which they were offering for 25 cents per 100 and up.

Various Notes.

There is some convention talk and I feel quite sure that by the time they are ready to go, the Pittsburg delegation will number thirty-five or forty.

Earnest Zieger, manager for C. T. Siebert, has gone to Le Mars, Iowa, with his family. They will stop at many points of interest en route.

Walter Breitenstein has packed his canoe and gone to Sugar Island, to the annual meet of the American Canoe Association.

The new south side store of Geddis & Blind Bros. is well under way. They promise one of the best appointed stores west of New York. These boys are hustlers and, although one of the youngest firms, they are getting their share of the business.

Anthony Smith is sending A. W. Smith some of the finest asters and sweet peas seen here this year. These are grown on his Ohio farm. This is one of Anthony's hobbies, but he makes it pay just the same.

George Eichhorn has returned from a visit to Wilkesbarre, Pa., full of mining information. George is the boy who keeps them all on the move in the Pittsburg Market.

Mike Stafford, manager of Geddis & Blind Bros.' south side store, is in St. Louis doing the Pike.

John Urth, the McKeesport florist, is spending his vacation at Atlantic City. John is as good natured as he is big around, and when he lies down, it is farther to jump over him than to run around him.

Visitors: B. Eschner, of M. Rice & Co.; Martin Reukauf, of H. Bayersdorfer & Co.; Arnold Ringier, of W. W. Barnard & Co. Hoo-Hoo.

The Review has been of great benefit to us.—W. H. Newman, Akron, N. Y.

ORCHIDS!
We will have on Exhibition in the Convention Hall a FULL LINE OF SAMPLES which it will pay you to inspect and get OUR PRICES.
LAGER & HURRELL, SUMMIT, N. J.

Mention The Review when you write.

I have a bed of my
NEW CANNA
WEST VIRGINIA.
500 plants in all, at the north end of the rose garden at the St. Louis World's Fair.
I would like to sell the lot to someone at the Convention.
See me, write me an offer in care of Sec'y W. J. Stewart at the Convention or write to me at home.
GUS. OBERMEYER,
PARKERSBURG, West Virginia.

Mention The Review when you write.

Hardy Cut
FERNS
A good and pleasant time and a safe return to all Florists in St. Louis. Hoping to see all of you there, I remain,
My brothers all in numbers,
Thomas Collins
HINSDALE, Mass.

Mention The Review when you write.

Look for Lion & Wertheimer's Ribbon Exhibit
AT THE CONVENTION.

Mention The Review when you write.

FOLDING
BOXES
CHEAP
Write for
SAMPLES AND PRICES.
The Aull Bros. Paper & Box Co.,
DAYTON, OHIO.

Mention The Review when you write.

ROSES at a Bargain
1500 Bridesmaids, 200 Golden Gates,
300 Ivory, 100 Brides,
Strong 3½-inch pot plants, $5.00 per 100. Cash with order or satisfactory reference.
DAVIS & MAGEE, Toledo, Ohio

GIANT DOUBLE ALYSSUM
In 3-inch pots, bushy plants.....$2.50 per 100
SMILAX, bushy plants, 3-inch pots, $2.00 per 100.
SPRENGERI, 6-inch pots, four years old, $6.00 per 100.
Cash with order.
G. W. RENARD & BRO., Avondale, Pa.

Mention The Review when you write.

Ball's Palms.

The Choicest Stock. Strong, Hardy and Perfect in every respect.

LOOK FOR EXHIBIT at St. Louis S. A. F. Convention, where I shall be pleased to receive orders for **immediate or future** delivery.

ORDER EARLY. It is Important.

KENTIA BELMOREANA—2¼-inch pots, $10.00; 3-inch, $15.00 per 100. 4-inch, 35c; 6-inch, 75c and $1.00; **"made up," 3 strong plants,** 6-inch, $1.00; 8-inch, $2.00, $3.00 and $4.00; 9-inch, $5.00; 10-inch, $7.50 and $10.00 each.

KENTIA FORSTERIANA—2¼-inch pots, $10.00; 3-inch, $15.00 per 100. 4-inch, 35c; **"made up," 3 strong plants,** 6-inch, $1.00 and $1.25; 8-inch, $2.00, $3.00 and $4.00 each.

ARECA LUTESCENS—2¼-inch, $6.00 per 100; **"made-up," bushy,** 4-inch, 25c ($22.50 per 100). 6-inch 65c, 75c and $1.00; 8-inch, $2.00; 9-inch, $3.00; 10-inch, $6.00, $7.00 and $8.00 each.

LATANIA BORBONICA—2¼-inch, $4.00; 3-inch, $8.00 per 100. 4-inch, 25c ($22.50 per 100). 6-inch, 50c; 8-inch, $1.50; **"made up," bushy,** 8-inch, $1.00 each.

COCOS WEDDELIANA—**"Made up," bushy,** 3-inch, $20.00; 4-inch, $40.00 per 100. **PANDANUS VEITCHII, LIVISTONA ROTUNDIFOLIA, DRACAENA SANDERIANA, etc. Descriptive price list on application.**

CHAS. D. BALL, - Holmesburg, Phila., Pa.

I would call Special attention to the stock of Palms and Decorative Plants mentioned in the following list, as no choicer stock can be found. : : : : : A full line of samples will be on exhibition at the St. Louis S. A. F. Convention.

ARECA LUTESCENS.

4-in. pots,	3 in a pot, 18 to 20 inches high	per doz.,	$ 3.00	Per 100,	$ 25.00
6 "	3 in a pot, 24 inches high	"	9.00	"	75.00
6 "	3 in a pot, 20 to 30 inches high	"	12.00	"	100.00
9 "	3 in a pot, 36 to 40 inches high	each,	3.50		
10 "	very bushy, 40 to 42 inches high	each,	4.00		
10 "	very bushy, 42 to 45 inches high	"	5.00		
10 "	very bushy, 45 to 50 inches high	"	6.00		
12 "	very bushy, 65 to 70 inches high	"	9.00		

KENTIA BELMOREANA.

3-in. pots,	4 to 5 leaves, 10 to 12 inches high	per doz.,	$2.00	Per 100,	$15.00
4 "	5 to 6 leaves, 15 to 18 inches high	"	4.50	"	35.00
4 "	6 leaves, 18 inches high	"	5.00	"	40.00
6 "	6 to 7 leaves, 20 to 24 inches high	"	9.00	"	75.00
6 "	3 in a pot, 18 to 20 inches high	"	9.00	"	75.00
6 "	3 in a pot, 24 to 26 inches high	"	12.00	"	100.00
8 "	3 in a pot, 28 to 30 inches high	"	36.00		
9 "	3 in a pot, 32 to 36 inches high	"	48.00		

KENTIA FORSTERIANA.

3-in. pots,	4 to 5 leaves, 12 to 15 inches high	per doz.,	$ 2.50	Per 100,	$ 18.00
4 "	5 to 6 leaves, 15 to 18 inches high	"	4.50	"	35.00
6 "	6 to 7 leaves, 20 to 24 inches high	"	9.00	"	75.00
6-in. pots,	6 to 7 leaves, 24 to 26 inches high	per doz.,	$12.00	Per 100	$100.00
6 "	3 in a pot, 18 to 20 inches high	"	9.00	"	75.00
7 "	3 in a pot, 26 to 28 inches high	"	15.00		
8 "	3 in a pot, 30 to 36 inches high	per doz.,	24.00		
8 "	3 in a pot, 36 to 40 inches high	"	30.00		
8 "	3 in a pot, 40 to 45 inches high	"	36.00		
8 "	3 in a pot, 45 to 48 inches high	"	48.00		
8 "	3 in a pot, 48 to 50 inches high	"	60.00		
10 "	3 in a pot, 60 to 65 inches high	each,	10.00		

MISCELLANEOUS.

4-in. pots,	Latania Borbonica	per doz.,	$2.50	Per 100,	$20.00
3 "	Cocos Weddeliana	"	2.00	"	15.00
4 "	Cocos Weddeliana, 3 in a pot	"	6.00		
3 "	Livistona Rotundifolia	"	3.00	"	25.00
3 "	Aralia Veitchii	"	4.00		
4 "	Aralia Veitchii	"	6.00		
6 "	Dracaena Terminalis	"	9.00	"	75.00
6 "	Dracaena Terminalis	"	12.00	"	100.00
8 "	Dracaena Terminalis, 3 in a pot	each,	3.00		
10 "	Dracaena Terminalis, 3 in a pot	"	5.00		
2¼ "	Dracaena Sanderiana	per doz.,	2.00	"	15.00
6 "	Nephrolepis Piersoni	"	9.00	"	75.00
6 "	Nephrolepis Piersoni	"	12.00	"	100.00

LEMUEL BALL, WISSINOMING, PHILADELPHIA, PA.

Boston Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

Cyclamen Giganteum.

Fine large plants, 3-inch, ready for 4-inch, $5.00 per 100.

ASPARAGUS PLUMOSUS NANUS

2-inch pots, ready for 3-inch, $3.00 per 100; 3-inch, bushy plants, ready for 4-inch, $4.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

CHOICE

PANSY SEED

Special mixture from named varieties, or colors separate if desired.

Extra Fine Strains

Trade Pkt., 25c; ¼-oz., 75c; oz., $2.50.

MURRAY'S SEED STORE

PEORIA, - - ILLINOIS

LOOK FOR

Lion & Wertheimer's

Ribbon Exhibit

AT THE CONVENTION.

ZIRNGIEBEL GIANT PANSIES.

Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at $1.00 each.

DENYS ZIRNGIEBEL, Needham, Mass.

Asparagus Tenuissimus

Fine plants from 2¼-inch pots, $3.00 per 100.

BEGONIA REX

Fine assortment, 3-inch pots, $5.00 per 100.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

ASPARAGUS Plumosus Nanus Seed

$3.50 per 1000. Larger quantities less. True to name and of highest germinating quality.

DRAKE POINT GREENHOUSES,

YAHALA, FLORIDA.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum cuneatum, strong, healthy plants, 4-in., $12.00 100; 3-in., $6.00 100, $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

AGAVES.

Eight grand century plants, green and variegated leaves, 30 to 40 years old, 4 to 6 feet tall, 6 to 10 feet in diameter. Splendid specimens for large uses.
H. A. Catlin, White Sulphur Springs, W. Va.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Alyssum, dbl. giant, 3-in., bushy, $2.50, 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 10 to 12 in., 3 to 4 tiers, 50c to 60c; 12 to 15 in., 3 to 4 tiers, 75c; 15 to 18 in., 3 to 4 to 5 tiers, 85c.
G. Aschmann 1012 Ontario St., Phila., Pa.

ASPARAGUS.

Asparagus plumosus nanus. A bargain—order at once. Extra strong plants in good condition. 11 plants, 8-in. pots, 6 in a pot, $9.00; 38, 6-in. pots, 3 in a pot, $13.30; 50, 5-in. pots, 1 in a pot, $10.00; 160, 4 and 4½-in. pots, 1 in a pot, $20.00.
Park Side Greenhouses, 70th and Adams Ave., Chicago.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Asparagus plumosus nanus, 2½-in., $3.00 per 100; $25.00 per 1,000.
Sprengeri, 2½-in., $2.00 per 100; $17.50 per 1,000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus nanus, well established, 2½-in., pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri plants from seed bed, ready for potting, $1.00 per 100, $9.00 per 1000. A. plumosus nanus, strong, 2¼-in., $2.50 per 100, $24.00 per 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¾-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus Sprengeri and plumosus, all sizes; 2½, 3, 4, 5-in., ready for shift. Send 50c or $1.00 for samples of sizes you want.
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 2-in., ready for 3-in., $3.00 100; 3-in., bushy, ready for 4-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus, 3-in., strong, $8.00 100.
G. Aschmann, 1012 Ontario St., Phila.

500 Asparagus Sprengeri, 2-year-old plants, from beuch, $15.00 100. Cash.
Mrs. E. A. Williams, 621 Penn Ave., Pittsburg, Pa.

Asparagus plumosus nanus, 2-in., $2.50 100. Sprengeri, $18.00 1000; $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus Sprengeri, 4 to 7-in. pots, in large quantity at a bargain.
H. Bornhoeft, Tipton, Ind.

Asparagus Sprengeri, extra strong 3-in., $3.00 100; 4-in., $4.50 100.
J. Sanstrom, Momence, Ill.

Asparagus plumosus nanus, 2¼-in., strong plants, $3.00 per 100.
John Dieckmann & Co., Wheeling, W. Va.

Asparagus plumosus nanus, 2-in., $2.50 100; 3-in., $5.00 100.
Sherman Nursery Co., Charles City, Iowa.

Asparagus, Sprengeri, 6-in., 4-yr.-old, $6.00 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus tenuissimus, fine plants, 2¼-in., $3.00 100. Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus, fine 3-in., ready for 4-in., $5.00 per 100. Weber Bros., Florists, Ironton, O.

Asparagus plumosus nanus, strong, 2½-in., $3.00 100. E. Knabe, Frankfort, Ind.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., $7.00 100.
Leo Niessen, 1217 Arch St., Phila.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

BUSINESS BRINGERS—
REVIEW Classified Advs.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees. Standards and pyramids, at $10.00 and $15.00 each, according to size.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, nice 2-in. stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100; 5-in., $75.00 per 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, 2-in. pots, $12.00 per 100. Julius Roehrs, Rutherford, N. J.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Begonia Rex, fine assortment, 3-in., $5.00 100.
Nathan Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Celestial peppers, extra strong, 3½-in., ready for 5-in., fruit setting, $10.00 per 100. Cash, please. Rock Hill Greenhouses, Foxboro, Mass

Christmas peppers and Jerusalem cherries, 2-in. pots, $1.50 per 100.
Harmon & Henderson, Iola, Kans.

BULBS.

LILIUM HARRISII. Guaranteed stock, clean, plump. 5x7, case 400, 100, $3.50; 1000, $32.00; 6x7, case 300, 100, $4.75; 1000, $45.00; 7x9, case 200, 100, $8.00; 1000, $75.00; 9x11, case 100, 100, $16.00; 1000, $150.00.
LILIUM CANDIDUM. St. Joseph's lily, 1st size, 100, $4.50; 1000, $42.50; mammoth, 100, $5.50; 1000, $50.00.
CALLA ETHIOPICA. 3 to 5-in. circ., 100, $4.00; 1000, $35.00; 4 to 6-in., 100, $5.50; 1000, $50.00; 5 to 7-in., 100, $7.00; 1000, $65.00; 6 to 7-in., 100, $8.00; 1000, $75.00; 7 to mammoth, 100, $10.00.
FREESIA refracta alba, white, ⅜ to ½-in., 100, 45c; 1000, $3.50; ½ to ¾-in., 100, 75c; 1000, $6.00; ¾-in. up, 100, $1.00; 1000, $8.00.
OXALIS. Bermuda buttercup, 1st size, 100, 85c; 1000, $7.00. O. grande Duchesse, white, 100, $1.00; 1000, $9.00; rose, 100, 85c; 1000, $8.00; lavender, 100, 75c; 1000, $7.00.
LILY OF VALLEY. Berlin, cold storage, 1000, $12.00; case, 2,500, $27.00.
PAPER WHITES. True grandiflora, 1st size, 100, $1.00; 1000, $9.00.
ROMAN HYACINTHS, white, 11x12, 100, $2.25; 1000, $20.00; 11x15, 100, $2.75; 1000, $25.00; 12x15, 100, $2.85; 1000, $27.00; 13x15, 100, $3.25; 1000, $30.50.
25 at 100 rate, 200 at 1000 rate.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Japanese-grown FREESIA BULBS, ⅜ to ½-in., packed 10,000 bulbs in a case. Sold in original cases only. Send for prices, which are very reasonable; only a few cases left.
This is the introduction of Japanese-grown freesias in this country. Write or telegraph for a case at once.
Suzuki & Iida, 31 Barclay St., New York, N. Y.

Freesia bulbs, true Bermuda-grown, pure white, 80c 100, $7.50 1000. California callas, all sizes. Samples mailed free. Quotations on French bulbs, to arrive soon, on application.
E. F. Winterson Co., 45-49 Wabash Ave., Chicago.

Poet's narcissus, large, dbl. white, grandiflora; home-grown, acclimated blooming bulbs, the best flower grown next to peonies for Decoration day, $1.00 per 100; $7.50 per 1,000.
F. A. Baller, Bloomington, Ill.

Romans and paper whites, ready now. We have the pick of the French crop. Special large purchases of select crops enable us to sell you the BEST BULBS at lowest price.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

10,000 Paper White narcissus bulbs, 1 to 2 inches in diameter, 50c per 100. 8000 Calla lily bulbs, 1½-in. and up, $2.50 per 100. Smilax bulbs, 2 inches in diameter, $1.00 per 100.
S. W. Marshall & Son, Fresno, Cal.

RED BIRD brand of Harrisii, 85 per cent free from disease. Have only 5 to 7 left which we are offering at $15.00 a case, 400 to case. Address auction dept.
Wm. Elliott & Sons, Dey St., New York.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

500 home-grown calla bulbs, 5 to 6 inch circumference at $5.00 per 100. These are extra nice bulbs.
Sunnyside Greenhouses, Owosso, Mich.

Paper whites direct from France; first size, $7.50 1000; grandiflora, $9.50 1000.
N. LePage, Mt. Vernon, N. Y.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Freesia refracta alba bulbs, Bermuda grown, doz., 15c; 100, 90c; 1000, $7.50.
Johnson & Stokes, 217-219 Market St., Phila.

100,000 calla bulbs, ready to ship. See display adv. for sizes and prices.
California Carnation Co., Loomis, Cal.

Spider Lily bulbs, $10.00 per 1,000. Special price on large lots.
T. K. Godbey, Waldo, Fla.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex

CARNATIONS.

Field-grown carnations, extra strong, healthy plants, $6.00 100; $50.00 1000. Q. Louise, Norway, W. Cloud, Lorna, Prosperity, F. Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Chas. W. McKellar, 51 Wabash Ave., Chicago.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$5.00	$45.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	6.00	50.00
Flora Hill	6.00	55.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	6.00	50.00
Guardian Angel (Sport)	5.00	45.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	5.00	45.00
Morning Glory	6.00	50.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	6.00	55.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations, the very best plants at a special discount of 10% from prices listed below. This offer is good for 10 days only. We guarantee the stock.

	100	1000		100	1000
Moonlight	$10	$75	Lawson	$6	$50
Alba	6	..	Enchant	8	75
Q. Louise	6	..	Fairmaid	6	..
Norway	5	..	Higinbotham	5	40
Reliance	8	75	Nelson	6	50
L. Bountiful	12	100	Cressbrook	5	..
Her Majesty	5	..	Harlowarden	6	50
L. Pond	5	40	H. Fenn	6	..
Wolcott	5	..	Roosevelt	5	..
Lorna	5	..	Prosperity	5	..
F. Hill	5	40	M. Field	6	50
Crusader	10	80	D. Whitney	7	60
Estelle	6	50	Tiger	6	..
Manley	6	..	Adonis	6	..
Apollo	6	..			

E. H. HUNT, 76 Wabash Ave., Chicago.

52,000 large, bushy, field-grown carnations.

	100	1000		100	1000
The Queen	$8	$70	Floriana	$7	$60
Q. Louise	7	60	Lawson	8	70
H. Fenn	8	70	Goodenough	7	60
Joost	5	40	B. Market	7	60
Marquis	6	50	Cervera	6	..
Pond	6	50	M. Glory	6	..
Fair Maid	8	70	M. Field	8	..
Enchantress	9	80	Maceo	6	..
Cressbrook	5	..	Crane	6	..
Roosevelt	7	..	D. Whitney	8	..
M. Naylor	7	..	Mrs. Patten	14	..
Majesty	7	..	White Lawson	14	..

250 at 1000 rate. Cash.
C. L. Howe, Dover, N. H.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	6.00	50	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Wolcott	6.00	50
F. Hill	6.00	50	Norway	5.00	45
Peru	6.00	50	Q. Louise	6.00	50
W. Cloud	5.00	45	Harlowarden	6.00	50
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson, 2d.	$6.00	$50
Lowndes	6.00	50	Roosevelt	6.00	50
Wolcott	6.00	50	Nelson	5.00	45
Her Maj'ty.	6.00	50	Floriana	5.00	45
Marian	5.00	45	Estelle	6.00	50
Q. Louise.	5.00	45	Challenger	5.00	45
W. Cloud	5.00	45	G. Beauty	6.00	..
Enchant.	8.00	70	H'warden	7.00	60
Fair Maid.	6.00	50	Prosperity	6.00	45
Alpine Glow	6.00	50	Gaiety	6.00	45
Lawson 1st.	8.00	70	Field	7.00	..

S. S. Pennock, 1612 Ludlow St., Phila.

FIELD-GROWN CARNATIONS.

	Per 100		Per 100
Enchantress	$8.00	Roosevelt	$5.00
Queen	6.00	Maceo	5.00
Fair Maid	6.00	Bradt	5.50
Floriana	5.00	Prosperity	5.00
Crane	5.00	Lorna	5.00

These are not left overs, but clean, healthy stock grown expressly for the trade. Cash with order.
Wm. A. Dawson, Willimantic, Conn.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$32	M. Glory	$4.50	$38
Jubilee	3.50	32	Peru	4.50	38
Crane	4.00	35	Dayb'k. white	4.50	38
Bradt	4.00	..	Lawson	5.00	45
Glacier	4.50	38	Estelle	5.00	45

500 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

Field-grown carnations. Per 100:

1000 Mrs. Lawson	$5	400 Innocence	$4
300 Her Majesty	6	300 Prosperity	5
500 Harlowarden	5	50 Cressbrook	4
400 M. Glory	4	50 G. Lord	4

Central Michigan Nursery, Kalamazoo, Mich.

Carnations, extra strong, stocky plants. Per 100:

Q. Louise	$ 8.00	Nelson	$8.00
Boston Mkt.	8.00	Lawson	8.00
McGowan	6.00	Joost	6.00
Lord	8.00	Estelle	8.00
Maid	8.00	Fenn	6.00
Enchant., 1st	10.00	Cervera	6.00
Enchant., 2nd	8.00	Gomez	6.00
Prosperity	8.00		

Frank H. Kimberly, New Haven, Conn.

Fine, field-grown carnations, ready to bench.

	100		100
Lawson	$6.00	Q. Louise	$6.00
Bradt	6.00	Crane	6.00
J. H. Manley	6.00	Prosperity	6.00
G. Lord	5.00	Floriana	5.00

Marshall Field, variegated, $7.00; Challenger, scarlet, very free, $7.00. 10 per cent discount on orders over $10.00. Cash with orders. Satisfaction guaranteed.
J. D. Cockcroft, Northport, L. I., N. Y.

150,000 field-grown carnations.

Q. Louise, white	6c	Maceo, crimson	6c
Enchantress, lt.p'k.	10c	Floriana, pink	5c
Lawson, pink	7c	Crocker, pink	5c
Mrs. Palmer, sc'let	6c	Eldorado, yellow	5c
Chicago, red	6c	Success, lt. pink	5c
J. H. Manley, scarlet	6c	Creole, scarlet	5c
Mrs. Nelson, pink	6c	Mermaid, pink	5c
G. Roosevelt, cr-son.	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

Field-grown carnations, reliable stock.

	100	1000			
Harlowarden	$6	$50	G. Angel	$5	$45
Enchantress	6	50	Norway	5	45
Estelle	6	50	Joost	5	45
Palmer	6	50	F. Hill	5	45
Her Majesty	6	50	Q. Louise	5	45
Lawson	5	45	Peru	5	45

Cash with order.
Percy Jones, 60 Wabash Ave., Chicago.

Fine, healthy field-grown plants.

	100	1000		100	1000
Marquis	$4.50	$40	Estelle	$5.00	
Peru	4.50	40	Jubilee	4.50	$40
Lawson	5.00	45	Crane	5.00	45
M. Glory	5.00	45	Glacier	4.50	40
Bradt	4.50		Daybk White	5.00	

Chicago Greenhouse Supply Co., 51 Wabash Ave., Chicago.

Field-grown carnations. Per 100:

1200 Queen Louise	$5.00
1000 White Cloud	4.00
400 Marquis	3.00
300 Morning Glory	3.00
200 Flora Hill	4.00

Extra fine plants. Cash, please.
W. E. Gravett, Florist, Lancaster, Ohio.

Carnations. Strong, healthy field-grown stock.

130 Armanzindy	5c	450 Crane	5c
375 Enchantress	8c	420 Maceo	6c
260 Lord	5c	175 Wolcott	6c
135 G. Angel	5c	100 Marquis	5c
350 Melba	5c	100 M. Glory	6c
900 Joost	5c	340 Prosperity	6c

L. L. May & Co., St. Paul, Minn.

SURPLUS CARNATIONS.

2,000 Q. Louise	500 Lorna
2,000 F. Hill	400 Dorothy
1,000 Lawson	200 Daybreak
1,000 Crane	100 Apollo
1,000 W. Cloud	

$5.00 per 100; $45.00 per 1000. Cash with order. W. Sabransky, Kenton, O.

FIELD-GROWN CARNATIONS.
Prices are per 100, cash with order.

500 Prosperity	$5.00	600 Manley	00·9$
3,300 Flora Hill	4.00	450 Wolcott	6.00
4,500 Lawson	5.00	400 Enchant.	8.00
2,600 Norway	5.00	200 Flamingo	15.00
2,500 G. Lord	4.00	100 Lawson	15.00

JOHN FELKE, SR., Wilmette, Ill.

Carnations, field-grown plants; first size, $7.00 100; second size, $5.00 100. Lawson, Nelson, Joost, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Triumph, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Bradt, Maceo, Gomez, Crane, Adonis. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$45
Q. Louise.	6	50	Joost	5	40
Mrs. Bradt	6	50	G. Lord	5	40
Norway	6	50	Mac Richm'd.	5	40
Estelle	6	..	Pond	5	

Isaac H. Moss, Govanstown, Baltimore, Md.

Field-grown carnations.

	100	1000		100	1000
Joost	$5	$45	Queen	$5	$45
Fairmaid	6	50	Lawson	8	70

Enchantress, 250 at $8.00 per 100.
Prosperity, 250 at $6.00 per 100.
C. F. Edgar & Co., 1516 Sansom St., Phila.

	100		100
500 Hill	$5.00	300 Palmer	$4.00
500 Q. Louise	5.00	800 Norway	4.50
500 G. Angel	4.50	300 Roosevelt	4.50

All sound, healthy plants, being a surplus of plants from our own planting. Speak quick. Cash with order, please.
J. A. Swartley & Sons, Sterling, Ill.

Extra strong plants, from 4-in. pots, at 5 cents each: 600 Joost; 500 Dorothy; 500 Morning Glory.
The following from 3½-in. pots, at 4 cents each: 200 Lawson; 100 Morning Glory; 100 Morning Glory, variegated; 200 Joost; 100 Prosperity; 80 Governor Wolcott; 50 Crane.
J. W. Adams & Co., Springfield, Mass.

Field-grown carnation plants, medium size.

	Per 1000		Per 1000
8,000 Lawson	$35.00	1,000 Norway	$30.00
8,000 Flora Hill	30.00	500 Manley	40.00

If the entire lot is wanted I will make them at $30.00 per 1000. Cash with order.
Peter J. Schumer, Evanston, Ill.

Field-grown carnations. Fine plants now ready for the benches. Not surplus stock.

	100	1000		100	1000
Bost. Mkt.	$7.00	$65.00	Glacier	$6.00	$50.00
Wolcott	6.00	55.00	Joost	5.00	45.00
McKinley	6.00	50.00	Estelle	5.00	45.00

A. C. Canfield, Springfield, Ill.

Field-grown carnations, per 100:

Prosperity	$6.00	Pond	$6.00
Melba	5.00	Morning Glory	6.00
Joost	5.00	Queen Louise	5.00
Scott	5.00	Portia	5.00
McGowan	5.00	F. Hill	5.00

Philadelphia Wholesale Flower Market, Phila.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Boston Mkt.	$6.00
Queen	6.00	Lawson	6.00
Fair Maid	6.00	Elma	6.00
Morning Glory	5.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Carnations, fine, stocky, field-grown plants.

	100		100
2000 Lawson	$6.00	1000 Fair Maid	$6.00
1000 Marquis	5.00	500 Enchant.	10.00
1000 G. Angel	5.00	500 F. Hill	5.00

G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Carnation plants, field-grown.

	100	1000		100	1000
Lawson	$5	$45	Nelson	$5	$45
G. Angel	4	35	Higinbotham	5	45
Hill	4	35	W. Cloud	5	45
Q. Louise	5	45			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud	$5.00	$40
Flora Hill	5.50	45	G. Angel	5.00	40

Cash with order.
Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

FIELD-GROWN CARNATIONS.

Enchantress	$10.00 per 100
Lawson	6.00 per 100
Roosevelt	5.00 per 100
Queen Louise	5.00 per 100

H. W. FIELD, Northampton, Mass.

Field-grown carnations, strong healthy plants.

	100	1000
Lawson	$6.00	$50.00
Queen Louise	5.00	45.00
Mrs. Joost	5.00	40.00

H. F. Evans, Station F, Philadelphia.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Carnations, pot-grown, for July planting. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Carnations, clean, stocky, field-grown plants, ready now. Gov. Wolcott, Fair Maid, Norway, Cervera, $6.00 per 100. Joost, Challenger, Maceo, $5.00 per 100. W. G. Kroeber, 355 North St., New Bedford, Mass.

Carnations, field-grown, ready now. 400 Lawson, 400 Norway, 300 Daybreak, 500 Genesee, 300 Scott, 1000 Joost, 5000 Marquis, $5.00 per 100, $40.00 per 1000.
W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Carnations, Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, 100 plants, $4.50; 1000 plants, $38.00. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Field-grown carnations. Lawson, M. Glory, Prosperity, G. Wolcott, W. Cloud, Norway and a few mixed varieties, $5.00 100 in not less than 100 lots.
Bassett & Washburn, 76 Wabash Ave., Chicago.

CARNATIONS—Continued.

Field-grown carnations, per 100:
Enchantress .....$8.00 Flora Hill $4.00
Lawson ..... 6.00 W. Cloud 4.00
Norway 4.00
E. Knabe, Frankfort, Ind.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

Carnations, field-grown, strong, healthy stock. Enchantress, $8.00 per 100; Lawson, Boston Market, Queen, $6.00 per 100. Cash with order.
Chas. H. Green, Spencer, Mass.

Field-grown carnations, all the standard varieties, strong, healthy and well-grown plants. Send for list of varieties and prices.
Leo Niessen, 1217 Arch St., Phila.

Carnation plants, extra strong, from field. Harry Fenn, Fair Maid, Boston Mkt., $6.00 per 100; Maceo, Joost, $5.00 per 100.
R. D. Kimball, Waban, Mass.

Carnations, strong field plants. 12,000 Lawson, $50.00 per 1000; 10,000 White Cloud and 10,000 Flora Hill, $45.00 per 1000.
Weiland & Risch, 59 Wabash Ave., Chicago.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

Field-grown carnation plants, Boston Market, $5.00 100; Lawson, $6.00 100; Enchantress, extra strong, $8.00 100. Cash.
J. FULLER, Leominster, Mass.

Strong, healthy field plants of Lorna, Queen Louise, Gov. Wolcott, G. Angel, Lawson, $5.00 per 100. Cash with order.
Henry Baer, R. R. 3, Peoria, Ill.

We are booking orders for Fiancee, the finest carnation ever introduced. Price, $12.00 per 100; $100.00 per 1000.
F. R. Pierson Co., Tarrytown, N. Y.

Carnation plants, W. Lawson, Queen Louise, extra strong plants at $5.00 100, $40.00 1,000. 250 at 1000 rate.
W. Hoffmann, Poughkeepsie, N. Y.

1,300 Lawson carnations at $3.00 per 100, all field-grown; good healthy stock. Cash with order. Louis Bierman, Elmhurst, Ill.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Carnation THE QUEEN, the best paying white, $8.00 per 100; $70.00 per 1000.
Larchmont Nurseries, Larchmont, N. Y.

5000 FLORA HILL carnations, field-grown and extra strong, $5.00 100. Cash.
F. P. Caird, 271 River St., Troy, N. Y.

Field-grown carnations. Write for varieties and prices to
Crabb & Hunter, Grand Rapids, Mich.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

2000 fine, field-grown Lawson, $6.00 100; $50.00 1000. N. Metz, Dayton, Ohio.

Carnations. Novelties and standards. Write us. H. Weber & Sons, Oakland, Md.

CHRYSANTHEMUMS.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100.
WIETOR BROS., 51 Wabash Ave., Chicago.

8000 chrysanthemums, fine, thrifty, from 2¼-in. pots, $2.00 100; $18.00 1000. Glory Pacific, Polly Rose, Estelle, Whilldin, Monrovia, Halliday, Bergmann, Bonnaffon, Ivory, Robinson, Willowbrook. Cash.
Chas. T. Siebert, Sta. B., Pittsburg, Pa.

Try a few of the new chrysanthemums. We have the Australian-English varieties, including the famous Wells-Pockett set, and other notables. For varieties and prices, see display adv. in issue of July 14, page 363, or write
Critchell's, Avondale, Cincinnati, O.

Chrysanthemums, very fine young plants, such as Appleton, Shaw, Halliday, Bonnaffon, White Bonnaffon, Ivory, Pink Ivory, Glory Pacific, and other good varieties. $20.00 per 1000.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

We are headquarters for all the novelties in chrysanthemums. Send for our list.
C. H. Totty, Madison, N. J.

Jerome Jones' chrysanthemums, fine plants, 2-in., $3.00 100; $25.00 1000.
Isaac H. Moss, Govanstown, Balto., Md.

Chrysanthemums. Fine stock from 2 and 2½-in. pots, $2.00 100. Yanariva, Yanoma, Alice Byron, Intensity, Robinson, Goodman, Bloodgood, Golden Hair, Glory of Pacific, Lincoln. Cash or satisfactory reference.
J. J. Arnold, Homer, N. Y.

20,000 mums from 2-in., $3.00 per 100. Rooted cuttings, $2.00 per 100. Prime stock Eaton, Pacific, Bonnaffon, White Queen, Niveus, Dean, Ivory, White Cloud and Yellow Queen.
L. I. Neff, 218 6th St., Pittsburg, Pa.

Chrysanthemum Mme. F. Bergmann; still the best of the early whites. Good stock in prime condition, $2.00 per 100, $18.00 per 1000.
Morton's Evergreen Lodge, Clarksville, Tenn.

WM. DUCKHAM and DR. ENGUEHARD chrysanthemums, strong rooted cuttings, $10.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

CHRYSANTHEMUMS suitable to bench for late flowers. Varieties and prices on application. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

Cineraria hybrida grandiflora, $2.00 100. Cash
Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis, large flow. var., 5-in., $3.00 doz. C. paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

COLEUS.

Coleus G. Bedder, Verschaffeltii and 10 other var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00, $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas stems, long-leafed variety, 10c per lb.; 10 lbs., 80c; 25 lbs., $1.75; 100 lbs., $6.50; per case, 300 lbs., $18.00. Stems range in weight from 1 lb. to 10 lbs.
Johnson & Stokes, 217-219 Market St., Phila.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas stems weighing from ½ lb. to 15 lbs. each at 10c a lb.; 25 lbs. for $2.00; 100 lbs., $7.00.
Henry F. Michell Co., 1018 Market St., Phila.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
Godfrey Aschmann, 1012 Ontario St., Phila.

CYCLAMEN.

Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum, large plants, ready for 4-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong 4-in. pots, $10.00 100.
G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

DRACÆNAS.

Dracaena indivisa, strong, 6-in. pots, $3.00 doz.; 5-in. pots, $2.50 doz. D. indivisa latifolia, 5-in. pots, $3.00 doz.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

FERNS.

FERNS OUR SPECIALTY.
Assorted ferns for jardinieres, good varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
Fresh fern spores gathered from our own stock and guaranteed good, 35c per trade packet; 12 packets for $4.00.
Mention FLORISTS' REVIEW when writing.
ANDERSON & CHRISTENSEN, Short Hills, N.J.

SCOTTII, very heavy, 4-in. pot plants, ready for 6-in., $12.00 doz.; $75.00 100. 25 at 100 rate. Strong transplanted runners from bench or 2¼-in., $4.00 doz.; $25.00 100; $200.00 1000. Strong 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.
John Scott, Keap St., Brooklyn, N. Y.

A few nice Piersoni in 3-in., $12.50; 4-in., $15.00; 6-in., $75.00; 7-in., $100.00 100.
Geo. A. Kuhl, Pekin, Ill.

FERNS, 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

Ferns for fern dishes, divide into 5 to 8, in all leading sorts, 2¼-in. pots, $3.00 100; $25.00 1000. Ferns from flats in finest assortment, $1.50 100; $12.00 1000. Fern spores in all leading sorts, sep. or mixed, pkt., 25c.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Pierson ferns, 2½-in., 5c; 3-in., 12c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Bostons, 2½-in., 3½c; 3-in., 8c; 6-in., 50c. All grand stock ready for repotting. Cash, please.
A. J. Baldwin, Newark, Ohio.

Boston ferns, 6-in., 2 ft. high, 18 to 20 fronds, 40c each. Piersoni ferns, pot-grown, 4 to 6 fronds, $8.00 100. Ferns for fern dishes, mixed, 2½-in. 4c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100.
Piersoni ferns, 3-in., $10.00; 4-in., $20.00 per 100. Fine stock.
S. M. Harbison, Danville, Ky.

Boston ferns, cut from bench, $5.00 100, $40.00 1000. Anna Foster, ferns cut from bench, $5.00 100, $40.00 1000. Larger plants 25c to 50c each. L. H. Foster, Dorchester, Mass.

Nephrolepis exaltata Bostoniensis, nice young plants, $15.00 per 1000. All orders accompanied with cash filled first. Send P. O. order on Little River. Soar Bros., Little River, Fla.

Large JAPANESE FERN BALLS, in splendid condition. Special price to clear—$1.75 per doz., $14.00 per 100; 25 at 100 rate.
Johnson & Stokes, 217-219 Market St., Phila.

Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up.
John Bader, Troy Hill, Allegheny, Pa.

Piersoni ferns, strong plants, extra fine, ready to shift, 5-inch $50.00; 6-inch $75.00 100, 25 at 100 rate. Cash.
Chas. F. Seitzer, 24 Oswego St., Utica, N. Y.

Boston ferns, from runners, 2 to 4 leaves, $20.00 1000; $2.00 100.
F. C. Becker, 1730 Cambridge St., Cambridge, Mass.

Piersoni ferns, 2½-in., $10.00 100. Bostons, 2½-in., $6.00, 3-in $10.00, 4-in. $15.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

PIERSONI FERNS. Fine plants from bed, for 3 to 4-in. pots, $4.00 per 100, Cash.
J. F. Allen, Orlando, Fla.

Boston ferns, cut from bench, $4.00, $8.00 and $14.00 per 100, fine stock to pot.
Central Greenhouses, Sandusky, Ohio.

Boston ferns. We have a fine lot, 2½-in. to 8-in. Write for special prices.
J. F. Wilcox, Council Bluffs, Iowa.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, nice young plants out of 2½-in. pots, $2.75 100. Cash.
Converse Greenhouses, Webster, Mass.

Boston ferns, 2½-in., at $3.50 per 100.
Cation Greenhouse Co., cor. Fifth Ave. and Elliot St., Peoria, Ill.

Bostons, 10-in. pans, $1.50 each; 12-in. pans, $2.00 each.
J. Welsh Young, Germantown, Pa.

Boston ferns, all sizes. See display adv. for prices. Davis Bros., Geneva, Ill.

Piersoni and other ferns. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Boston ferns, 6-in., 40c each.
National Plant Co., Dayton, Ohio.

FUCHSIAS.

Bell fuchsia, 3-in., in bloom, 8c each.
A. J. Meckley, Mt. Gilead, Ohio.

FORGET-ME-NOTS.

Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
Eden Nurseries, Port Alleghany, Pa.

Forget-me-nots, winter-blooming; nice young stuff, $2.00 100.
The Myer Plant Co., Rockville, Ind.

GERANIUMS.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geraniums, strong 2½-in. Viaud, Mrs. E. G. Hill, Poitevine, Nutt, Bruanti, $1.50 100; $15.00 1000. Buckley Plant Co., Springfield, Ill.

New geranium TELEGRAPH is the grandest of all geraniums. By far the best for conservatory, window or bedding out. Order now, propagate through the winter, and offer to your trade next spring. You will find Telegraph to be the best money maker on the market. Strong plants, 2¼-in. stock, ready Oct. 1, $20.00 per 100.
Thos. De Voy & Son, Poughkeepsie, N. Y.

S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, Mme. Canovers, Jean Viaud, Granville (single), etc., 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

We offer 500 geraniums, elegant young stock, in 20 best sorts for $10.00.
The E. G. Hill Co., Richmond, Ind.

GLADIOLI.

Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli. More than a million bulbs, in 100 named varieties, as well as choice mixed at lowest prices. Inspection of stock invited.
E. Y. Teas, Centerville, Ind.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

HARDY PLANTS.

1000 coreopsis, strong clumps, $4.00 100. Achillea The Pearl, $6.00 100. Gaillardia grand., $5.00 100. Golden Glow, $2.50 100. Helianthus Maximiliani, $2.50 100; roseum, $3.00. Cash.
W. G. Eisele, Box 100, West End, N. J.

Complete Stock, Fruit and Ornamental Trees, Shrubs, Vines, etc. Send list for prices.
FRANKLIN DAVIS NURSERY COMPANY, BALTIMORE, MD.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

For your trees, shrubs, vines and small fruits send to
WM. H. MOON CO., Morrisville, Pa.

HIBISCUS.

Hibiscus, 5 varieties, 2¼-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

HYDRANGEAS.

We have a magnificent lot of Hydrangea Otaksa, grown especially for August flowering. Large plants, in tubs, with from 12 to 15 flowers each, $2.00 per tub. Larger plants in half barrels, $5.00 each.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BUSINESS BRINGERS—
Review
Classified Advs.

IMPATIENS.

White impatiens (Evening Star), strong plants, 2½-in. pots, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

IVY.

Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
Suzuki & Iida, 31 Barclay St., New York.

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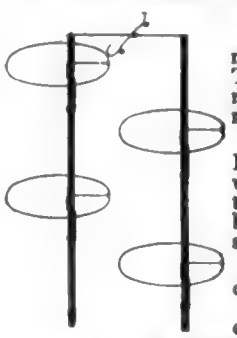
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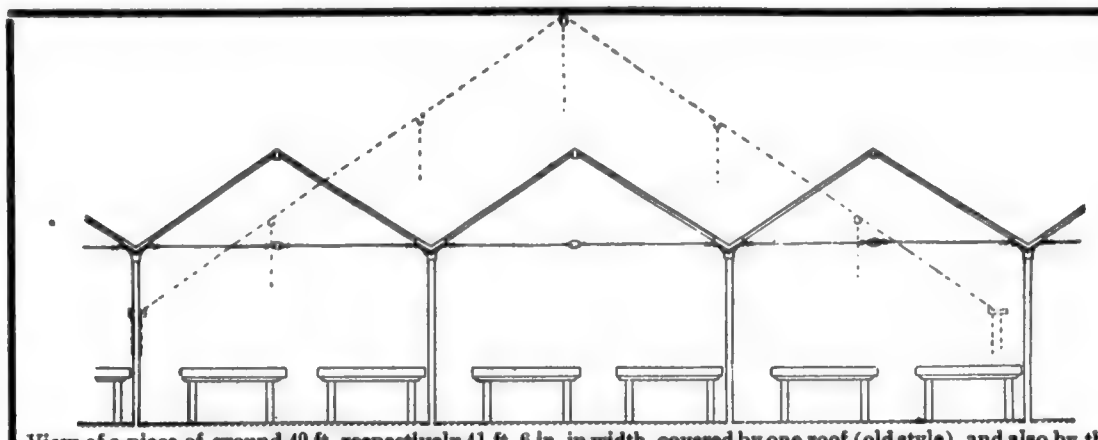
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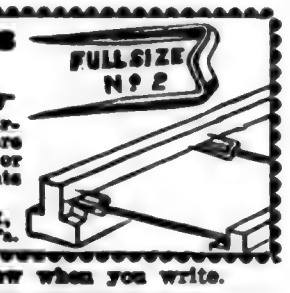
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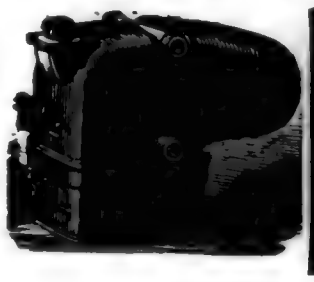


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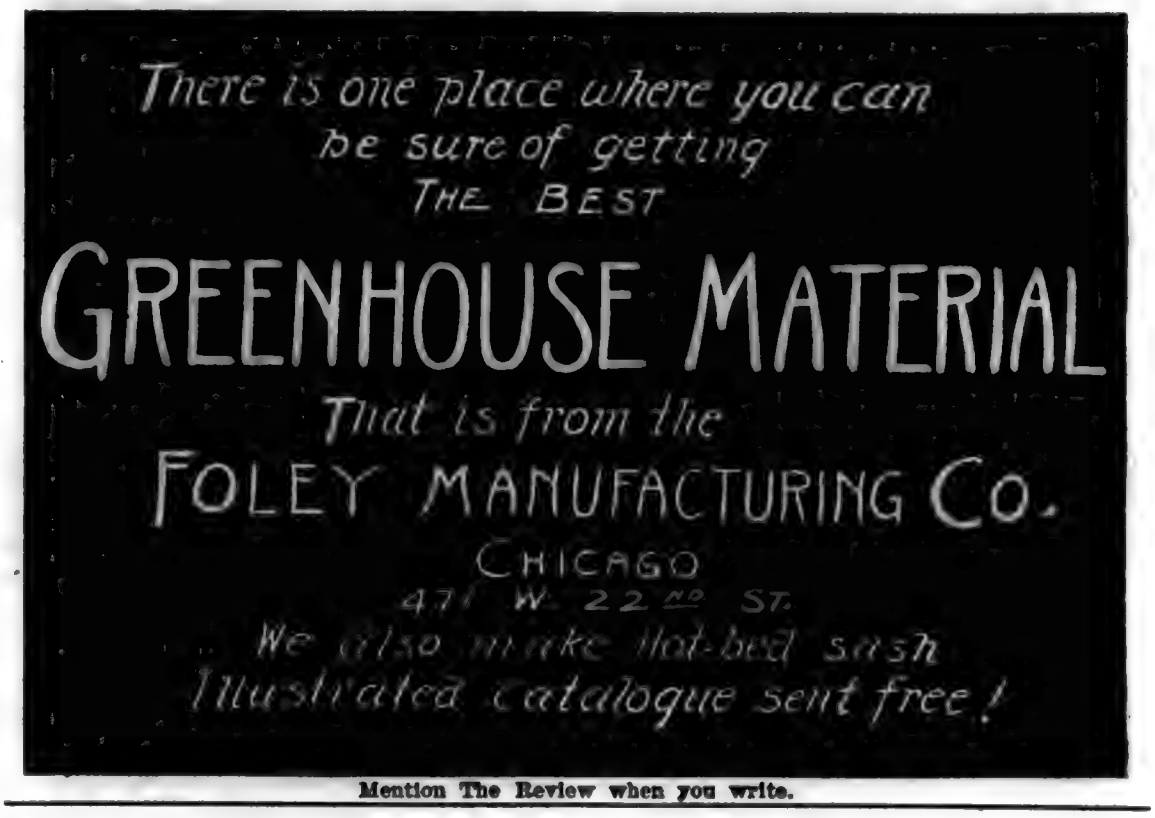
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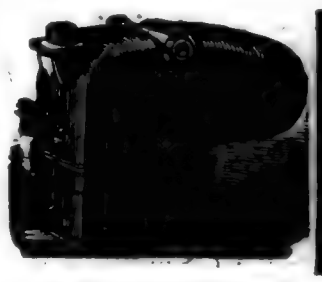
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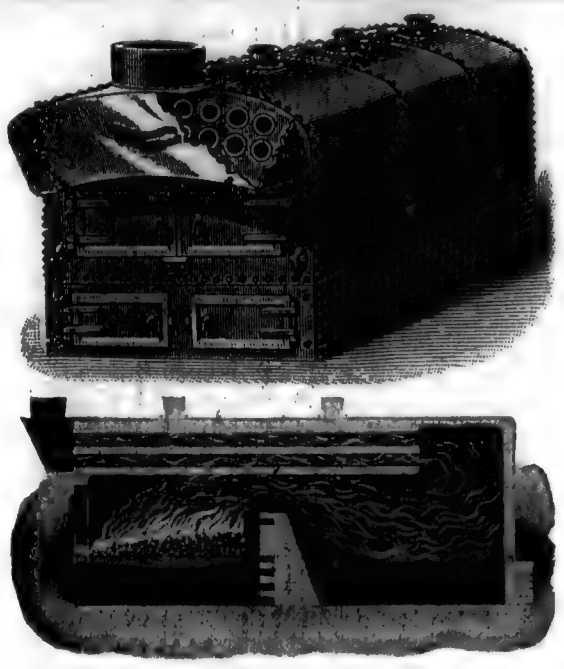
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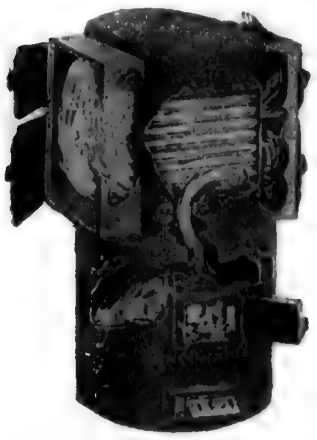
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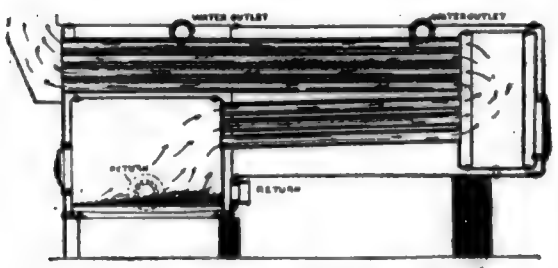
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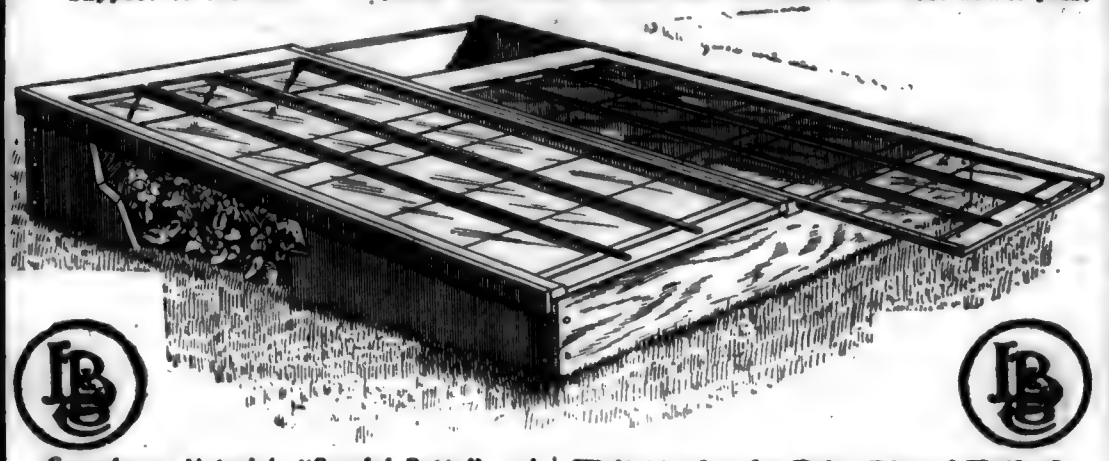
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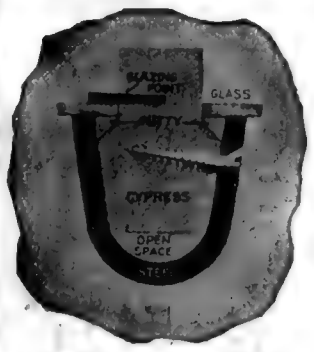
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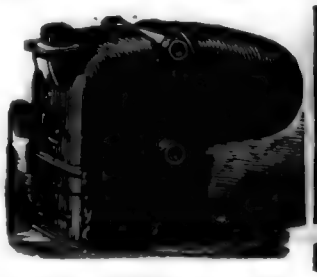
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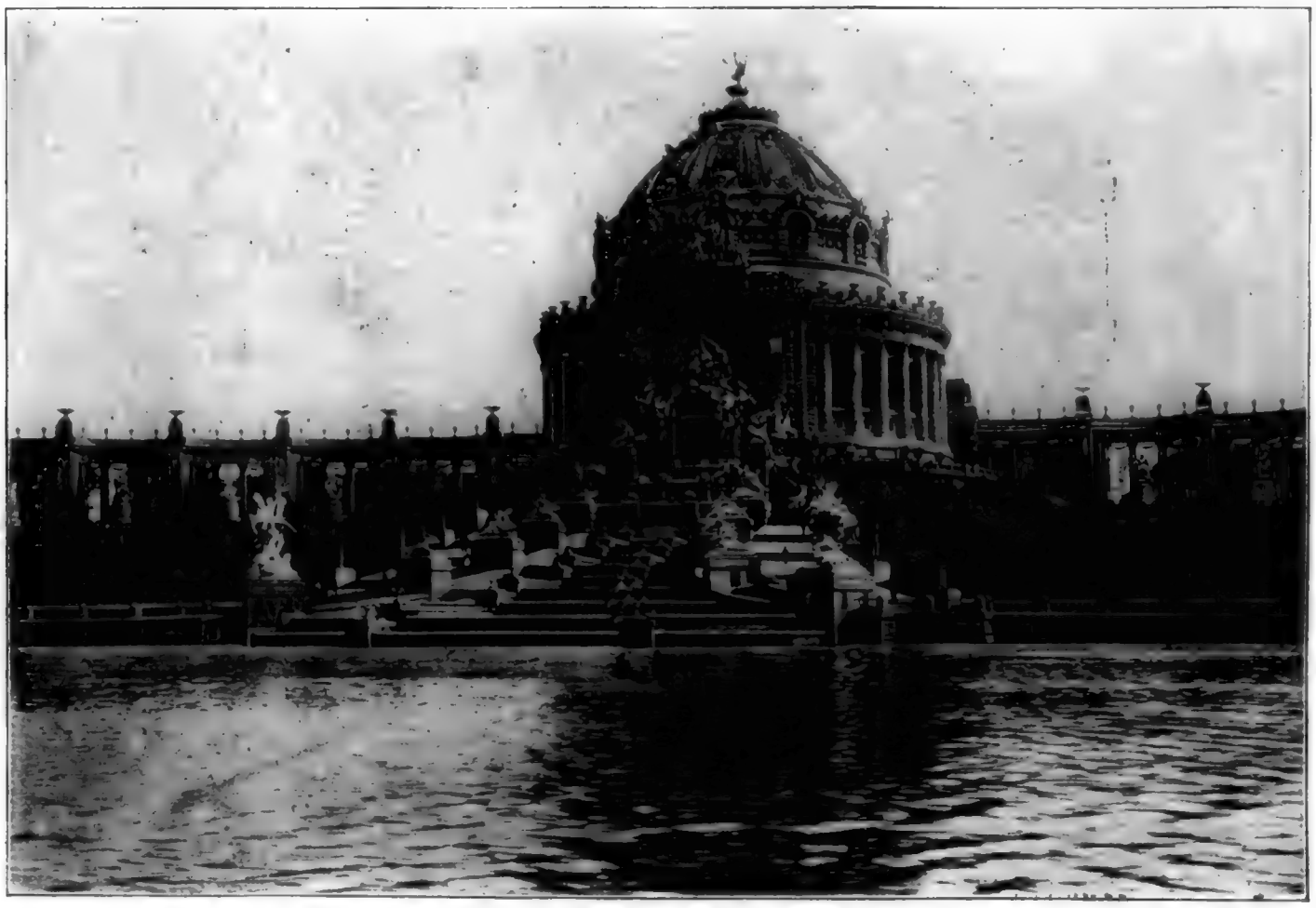
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THE WEEKLY FLORISTS' REVIEW



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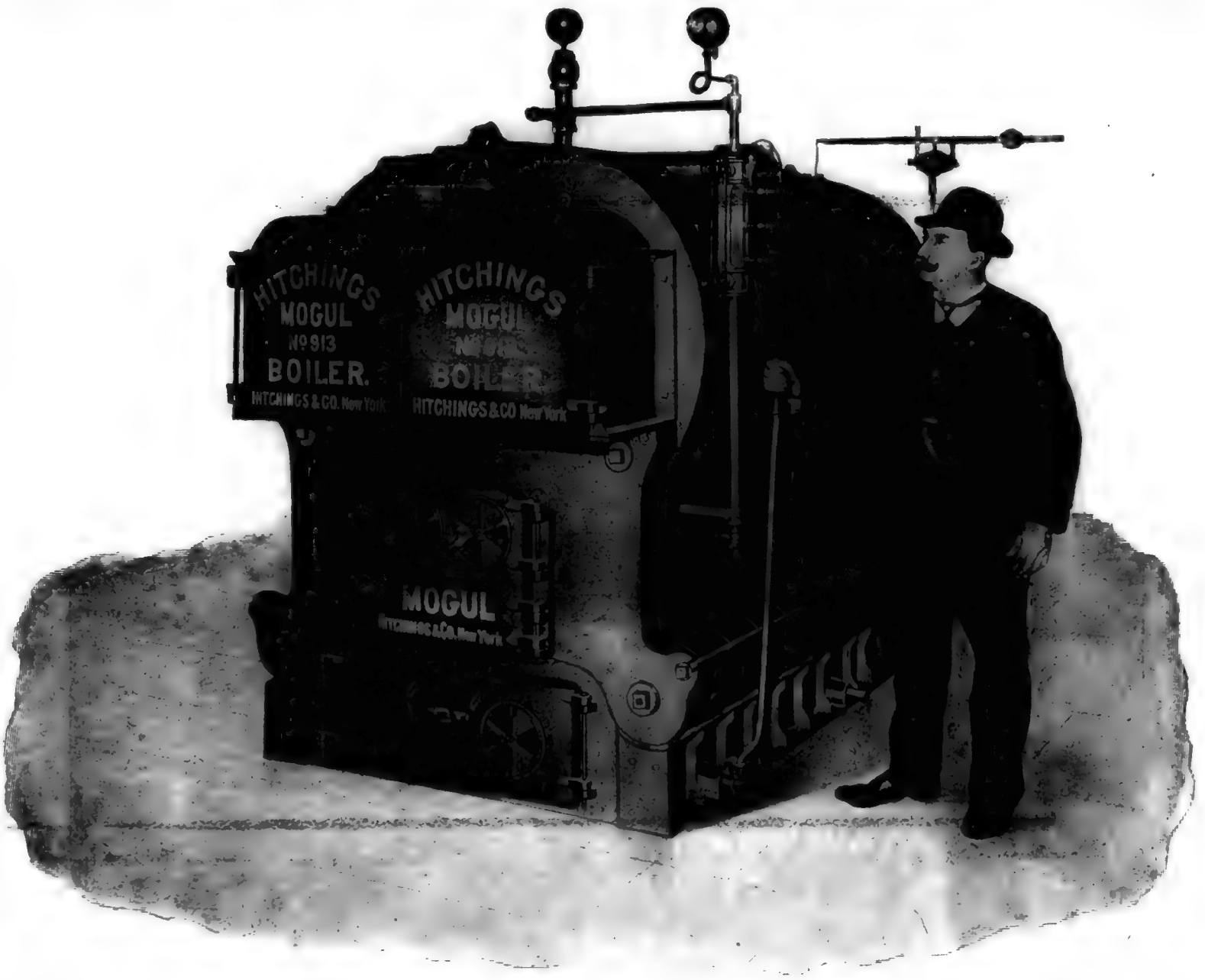
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NEW MOGUL BOILERS

FOR STEAM OR HOT WATER.

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RELIABLE, DURABLE AND ECONOMICAL.



GREENHOUSES, ROSE HOUSES, CONSERVATORIES, ETC.

DESIGNED, ERECTED, HEATED AND VENTILATED.

IRON AND AIR-DRIED CYPRESS STRUCTURAL MATERIAL furnished ready for erection. All Modern Improvements. Send four cents postage each for our illustrated catalogue on Greenhouse Construction and Heating.

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, AUGUST 18, 1904. No. 351.

FIANCEE

We are now booking orders for Fiancee, **The Novelty for 1905**

WINNER of the **LAWSON GOLD MEDAL**

The finest Carnation ever introduced.

$12 per 100; $100 per 1000.

F. R. PIERSON CO. TARRYTOWN-ON-HUDSON, N.Y.

WE ARE HEADQUARTERS FOR THE

FINEST ASTERS

NO ORDER TOO LARGE for US to FILL

WM. F. KASTING,

WHOLESALE FLORIST,

383-387 Ellicott St., BUFFALO, N. Y.

KENNICOTT BROS. CO.

FILL ORDERS when all others fail

40=42=44 Randolph Street, Chicago.

100,000 FIELD-GROWN Carnations

Grown on high, dry land. NO STEM-ROT.

White:	Per 100	Per 1000
Moonlight	$10.00	$75.00
Alba	6.00	.....
Queen Louise	6.00	.....
Norway	5.00	.....
Reliance	8.00	75.00
Lady Bountiful	12.00	100.00
Her Majesty	5.00	.....
Lillian Pond	5.00	40.00
Wolcott	5.00	.....
Lorna	5.00	.....
Flora Hill	5.00	40.00

	Per 100	Per 1000
Crimson:		
Harlowarden	$6.00	$50.00
Harry Fenn	6.00	.....
Roosevelt	5.00	.....
Fancies:		
Prosperity	5.00	.....
Marshall Field	6.00	50.00
Dorothy Whitney	7.00	60.00
Tiger	6.00	.....

Scarlet:	Per 100	Per 1000
Crusader	$10.00	$80.00
Estelle	6.00	50.00
Manley	6.00	.....
Apollo	6.00	.....
Adonis	6.00	.....
Pink:		
Mrs. Thos. W. Lawson	6.00	50.00
Enchantress	8.00	75.00
Fair Maid	6.00	.....
Nelson	6.00	50.00
Cressbrook	5.00	.....

We are also booking orders for next season's winners, "Fiancee" and "Cardinal," each $12.00 per 100; $100.00 per 1000.

Chicago Carnation Co., JAMES HARTSHORNE, Manager. **Joliet, Ill.**

The First of August

Found many Florists completely sold out of Geraniums this year; for the benefit of such, we offer **500 Geraniums in elegant young stock in 20 best sorts for $10.00.**

DWARF SALVIAS, which are immensely popular, 4 early-flowering varieties, at $3.00 per 100.

THE E. G. HILL CO., RICHMOND, IND.

ROMANS AND PAPER WHITES

Mammoth Freesia (Pure White.)

LILIUM CANDIDUM, etc. Well Ripened Stock.

THE PICK OF THE FRENCH CROP.

Ready Now.

CALLA BULBS, properly cured, all sizes.

First carload of DUTCH BULBS due soon.

Special large purchases of select crops enable us to sell you

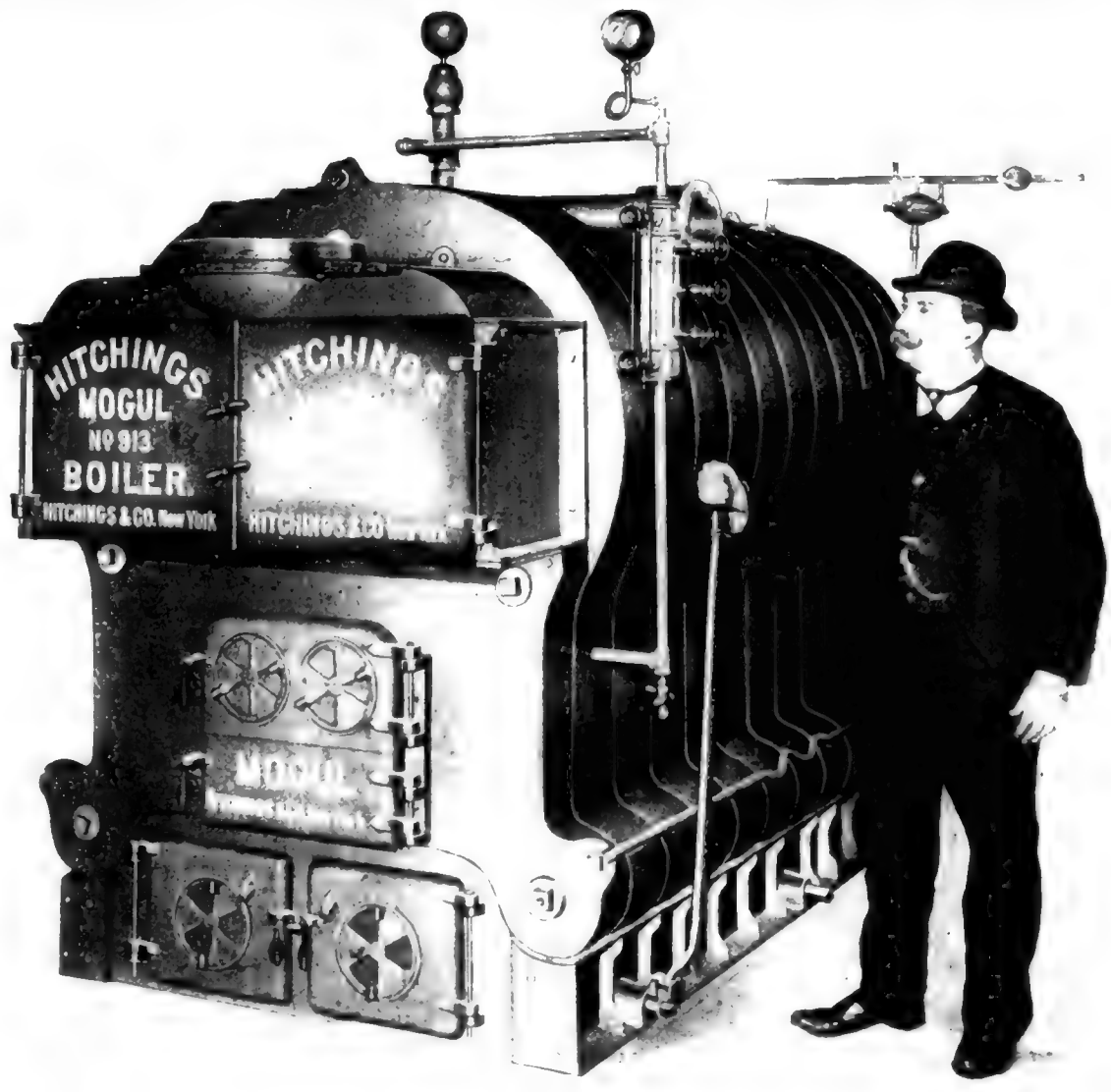
The Best Bulbs at Lowest Price. TRY US.

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NEW MOGUL BOILERS
FOR STEAM OR HOT WATER.

HOT WATER Radiation from 4200 square feet and up.
STEAM—Radiation from 2500 square feet and up.

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Lillian Pond	5.00	40.00
Wolcott	5.00	....
Lorna	5.00	.....
Flora Hill	5.00	40.00

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Crimson		
Harlowarden	$6.00	$50.00
Harry Fenn	6.00	.....
Roosevelt	5.00	....
Fancies:		
Prosperity	5.00	.....
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Mammoth Freesia (Pure White.)

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Ready Now.

CALLA BULBS, properly cured, all sizes.

First carload of **DUTCH BULBS** due soon.

Special large purchases of select crops enable us to sell you

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Sixteen years' experience on the Chicago Market in handling Cut Flowers of all kinds.
A LARGER VARIETY NOW THAN EVER. TRY ME. L. D. PHONE CENTRAL 3598.
I am making Orchids a specialty and solicit correspondence from both growers and buyers on this stock.



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Orchid Headquarters

The Orchid House of the West.

WHOLESALE CUT FLOWERS

And a complete line of all FLORISTS' SUPPLIES, RIBBONS, DOVES, WHEAT SHEAVES, MOSS, FOIL, PICKS, CYCAS WREATHS, CYCAS LEAVES. **EVERYTHING NEEDED BY A FLORIST.**

I can interest you on prices and quality of goods in CUT FLOWERS, ORCHIDS, SUPPLIES.
Write to McKellar, whose long experience fits him to handle your order in a competent manner.

Our Platform

AS AT THE OPENING of a CAMPAIGN, each great political party declares its principles in a "Platform," so do we, at the approach of another season, make known the position from which we shall seek the continued support of the Trade.

THE PAST.

From an humble beginning, starting smaller than almost any wholesaler in Chicago ever did start, we have built up in eight years of steady growth, a business which warrants us in maintaining the largest and best equipped place in the city.

By careful, conservative management we have worked our way to the front.

We have taken good care of every flower shipped to us and earned the confidence of our growers that we are at all times working for their interests.

We have carefully studied the wants of our customers and proved to their satisfaction that we can be relied on at all times to furnish anything that is to be had in this market, and in addition we make SPECIAL EFFORTS to SUPPLY NOVELTIES or SPECIALTIES NOT ALWAYS TO BE HAD ELSEWHERE.

THE FUTURE.

In the coming season we shall conduct our business along the same lines as heretofore. We shall stand on our record—but we shall push harder than ever.

We shall have the stock—both quality and quantity—to do a larger business than ever before. We have a strong force of the most experienced and efficient employes, both in the selling and shipping departments, and they are fully alive to the fact that YOUR interests are the interests of this house.

We solicit the continued patronage of those who have been dealing with us, and we ask for the business of those with whom we have not yet done business, on this pledge: That in the future, as in the past, WE SHALL GIVE FAIR and SQUARE TREATMENT TO EVERYONE WITH WHOM WE HAVE DEALINGS.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located
WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

32-34-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central. **CHICAGO, ILL.**

60 Wabash Avenue, -- CHICAGO.

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SELLS

Cut Flowers AT **WHOLESALE**

GIVE HIM

YOUR STANDING ORDERS

And

Mums,
Maids, Brides,
Carnations, Adiantum,
Smilax, Bulb Stock, Asparagus.

You'll Be GLAD.

We Are Ready

to take better care of our customers than ever the coming season. We have this summer added **four large houses to our plant** and will have the product of **considerably more glass than last year** with which to meet demands. And the quality from all will be the very best. We shall be especially strong in

Brides, Maids, Meteors
Beauties and Chatenays
Carnations—All leading varieties

In addition to the cut from **our own large place** we shall have the product of **several first-class growers of roses.** And we shall have **other new consignors** who are growers of **high-grade CARNATIONS and other stock.** We shall be in a position to give you the best the market affords at fair prices, and would like to add you to our list of satisfied customers. We can do it if you give us the opportunity. Write us about it. We make no charge for P. & D. on orders amounting to $4 and over.

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37-39 Randolph St., CHICAGO

AT THE SIGN OF THE JACK ROSE (TRADE MARK.)

CUT FLOWERS

IN SEASON ☞ OUR SPECIALTY

TO CUT FLOWER BUYERS

20 YEARS' EXPERIENCE In the retail and wholesale department in this line, and a DAILY CUT FROM 40 TO 60 GROWERS (varying according to season), enables us to say WE CAN AND WILL FILL YOUR **CUT FLOWER** WANTS TO ADVANTAGE. All Flowers in season at Chicago market quotations.

GENERAL SUPPLIES

FLORISTS' EVERY-DAY WANTS WHEAT SHEAVES, RIBBONS, TIN FOIL, RUBBER HOSE, DOVES, PAPERS, TWINES, CANE STAKES. MASTICA and ALL GLAZING SUPPLIES. Our stocks are "up to date" and prices within reason. Complete ILLUSTRATED CATALOGUE is free for the asking.

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FRENCH ROMAN HYACINTHS, PAPER WHITE GRANDIFLORA NARCISSI, CALLAS, FREESIAS, and all Dutch Stock. Qualities and kinds that will make you money.

☞ WRITE FOR SPECIAL LIST.

FLORISTS' SEEDS

OUR "COMBINATION STRAINS" OF

PANSY, PRIMULA, CINERARIA Are the result of a "blending" of the best varieties from Specialists throughout the world, and which produces STOCK THAT SELLS ON SIGHT.

PALMS AND FERNS

WE ARE THE LARGEST JOBBERS OF PALMS AND FERNS IN THE WEST. Send us a list of your wants for prices.

PURCHASING DEPARTMENT

OUR PURCHASING DEPARTMENT We can secure for you anything in the Horticultural line that is to be had in Chicago. If you want to "USE Our Advantage in Buying," send us a list of your wants for prices.

E. F. WINTERSON CO. E. F. WINTERSON, JOHN P. DEGNAN, L. H. WINTERSON } Chicago

45, 47 AND 49 WABASH AVENUE

WIETOR BROS.

51 Wabash Avenue, CHICAGO.

....WHOLESALE GROWERS OF....

CUT FLOWERS

We have a good summer cut and this fall we shall be right in line for business with very large supplies of the very highest grades of stock. Our place contains 650,000 feet of glass, and the following are some of the plants we shall cut from:

72,000 BEAUTIES
85,000 TEA ROSES
160,000 CARNATIONS
90,000 MUMS

All through our stock the varieties are the newest and best and the quality of the cut flowers will, as in the past, compare favorably with the stock produced by any other grower in the country. We want your business from the beginning to the end of the season.

LET US HAVE YOUR STANDING ORDER.

NO CHARGE FOR P. AND D.

FIELD-GROWN CARNATION PLANTS.

WE OFFER STRONG, WELL BRANCHED, HEALTHY PLANTS, AS FOLLOWS:

	100	1000
White—		
White Cloud	$5 00	$45 00
Norway	5 00	45 00
Her Majesty	6 00	50 00
Queen Louise	6 00	50 00
Flora Hill	6 00	55 00
Pink—		
Mrs. Lawson	6 00	55 00
Cressbrook	6 00	50 00
Guardian Angel (Sport)	5 00	45 00
Light Pink—		
Enchantress	$8 00	$75 00
Mrs. Higinbotham	5 00	45 00
Morning Glory	6 00	50 00
Red—		
Mrs. Potter Palmer	5 00	45 00
America	4 00	35 00
Estelle	6 00	60 00
Harlowarden	6 00	55 00
Variegated—		
Prosperity	6 00	50 00

PETER REINBERG

51 Wabash Ave., CHICAGO.

OUR PLACE HAS LONG BEEN KNOWN AS

The Largest Range of Glass in America

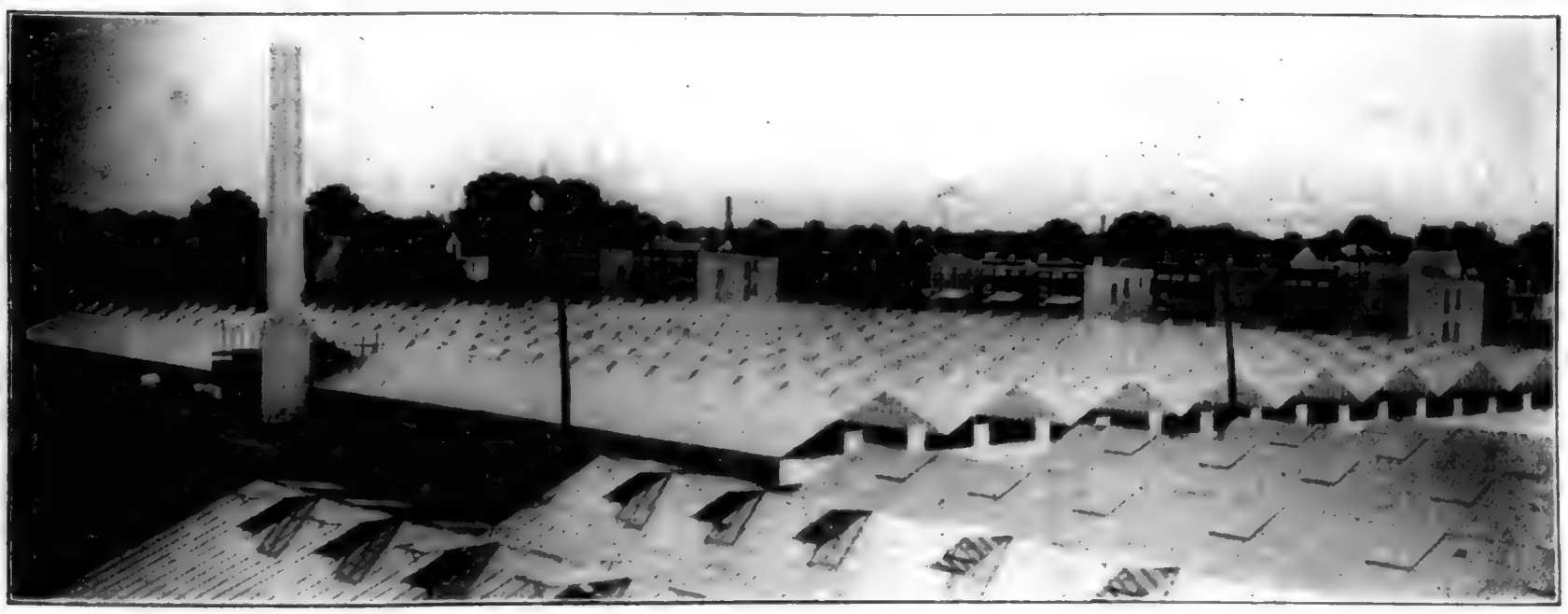
Order from us and get the freshest stock and best keeping quality and have the assurance of supplies such as can only come from A MILLION FEET OF MODERN GLASS.

FIELD-GROWN CARNATIONS.

IT HAS BEEN A GOOD GROWING SEASON WITH US AND PLANTS ARE IN FINE SHAPE, STRONG AND BUSHY.....

	Per 100	1000
Mrs. T. W. Lawson	$6 00	$50 00
Mrs. Nelson	6 00	50 00
Mrs. Higinbotham	4 00	35 00
Chicago	6 00	50 00
Mrs. Ine	4 00	35 00
Flora Hill	6 00	50 00
Peru	$6 00	$50 00
White Cloud	5 00	45 00
Roosevelt	6 00	50 00
Guardian Angel	4 00	35 00
McKinley	6 00	50 00
Mrs. Bradt	6 00	50 00
Estelle	$6 00	$50 00
Gov. Wolcott	6 00	50 00
Norway	5 00	45 00
Queen Louise	6 00	50 00
Harlowarden	6 00	50 00

ALL PLANTS SOLD UNDER EXPRESS CONDITION THAT IF NOT SATISFACTORY THEY ARE TO BE RETURNED IMMEDIATELY, WHEN MONEY WILL BE REFUNDED.



THIS IS PART OF "A MILLION FEET OF MODERN GLASS."

LEO NIESSEN

Wishes to thank his many friends for the confidence shown during the past nine years, and asks a continuance of their business for the company who succeed him.

The Leo Niessen Co.

Propose to carry on the wholesale florist business established by Leo Niessen, and promise the same fair and liberal dealing in the future that has been given in the past.

LEO NIESSEN,
W. E. McKISSICK,
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1217 Arch Street, PHILADELPHIA.

SINNER BROS.

58-60 Wabash Ave.

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Give us a share of YOUR BUSINESS.

Headquarters for HARDY FERNS.

We are using our very best efforts to build up a steady shipping trade in Wholesale Cut Flowers. This can only be done by always giving satisfaction to our customers.

We have every facility for prompt and careful shipment of stock. Besides the cut from our own large greenhouses we have all the stock in the Growers' Market to draw upon. Give us a trial and you will

LET US HAVE YOUR STANDING ORDER this Season.

INDUCEMENTS TO GROWERS

OF FINE FLOWERS

TO GET FULL VALUE CONSULT US

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

40-42-44 Randolph Street, CHICAGO

WE HAVE A REPUTATION FOR FILLING ORDERS WHEN ALL OTHERS FAIL

A Convention Greeting

TO THE S. A. F. AND O. H. FROM

Consignments of FIRST-CLASS STOCK solicited.

ADVICE OF SALE DAILY.
CHECK WEEKLY AFTER FIRST 14 DAYS.

Wholesale Agents in New York for the Grand New Rose

"Queen of Edgely"

(Pink American Beauty.)

Originated and Grown by THE FLORAL EXCHANGE, Inc., Philadelphia and Edgely, Pennsylvania.

MOORE, HENTZ & NASH,
WHOLESALE COMMISSION FLORISTS
GROWER AGENT.
ADJOINING
New York Cut Flower Co's
SALESROOM.
55 West 26th St., New York.

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Now that the Season is about to open

You will want a place to buy — **Cut Flowers**

E. H. HUNT'S

76-78 Wabash Ave., CHICAGO, ILL.,

IS THE PLACE

AND ONE OF THE MOST RELIABLE DOING BUSINESS IN THIS LINE TO-DAY.

"THE OLD RELIABLE."

Price List of Cut Flowers and Market Report mailed Monday each week. Write for same. It is of interest to you.

MICHIGAN CUT FLOWER EXCHANGE

WM. DILGER, Manager.

WHOLESALE FLORISTS,

Manufacturers of Wire Designs

IMPORTERS AND DEALERS in everything for the Store and Greenhouse. Headquarters for FANCY FERNS. Write, Wire or Telephone.

Let Us Send You Our Weekly Price List.

38-40 Miami Ave. DETROIT, MICH.



BIRDS-EYE VIEW OF OUR GREENHOUSES LOCATED AT EVANSTON, ILL.

"BUY OF THE GROWERS"

When you buy of anybody else you pay more or get less.
Why not pay less and get more? WE ARE GROWERS.

"The Most of the Best for the Least"

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. **CUT FLOWERS** CHICAGO

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Wholesale and Retail Dealers in all Kinds of

EVERGREENS



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BROWN AND GREEN GALAX

LEUCOTHOE SPRAYS——HOLLY——PRINCESS PINE

☞ OCTOBER 1st WE MOVE TO OUR NEW AND COMMODIOUS PREMISES **45 West 29th Street**

OUR YEARLY GREETING TO THE

S. A. F. & O. H.

ALEX. J. GUTTMAN,

Wholesale Florist

All Varieties of CUT FLOWERS in Season at Right Prices and of the Best Quality.

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SHIPMENTS DAILY ALL OVER THE COUNTRY

SEND ME ANY ORDER YOU HAVE FOR NEW YORK DELIVERY AND VICINITY

OUR ANNUAL CONVENTION GREETING
to the S. A. F. and O. H. of the

New York Cut Flower Co.

55 and 57 West 26th Street,
WHOLESALE FLORISTS.

J. A. MILLANG, Manager.

Telephone 758 Madison Square.

The Finest American Beauties in the land.

THE LARGEST number and THE BEST handled daily by any Commission House in the world. SPECIAL MAIDS and GATES the year round. The ONLY house handling the BRIDE Carnation.

DAILY REPORTS. WEEKLY PAYMENTS.

THE NEW YORK CUT FLOWER CO.

ANNUAL CONVENTION GREETING!

1872 — 1904

ALEX. McCONNELL

☞ Telegraphic orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention ☜

Artistic Decorations

Special attention given to wishes of our Brother Florists in all the cities of the Continent.



32 Years' Experience.

You may entrust your orders to us with perfect confidence and safety.

TELEGRAPH YOUR ORDERS.

Perfect facilities always for the filling of your orders to the entire satisfaction of yourself and your patrons.....

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48 West 30th St. NEW YORK CITY

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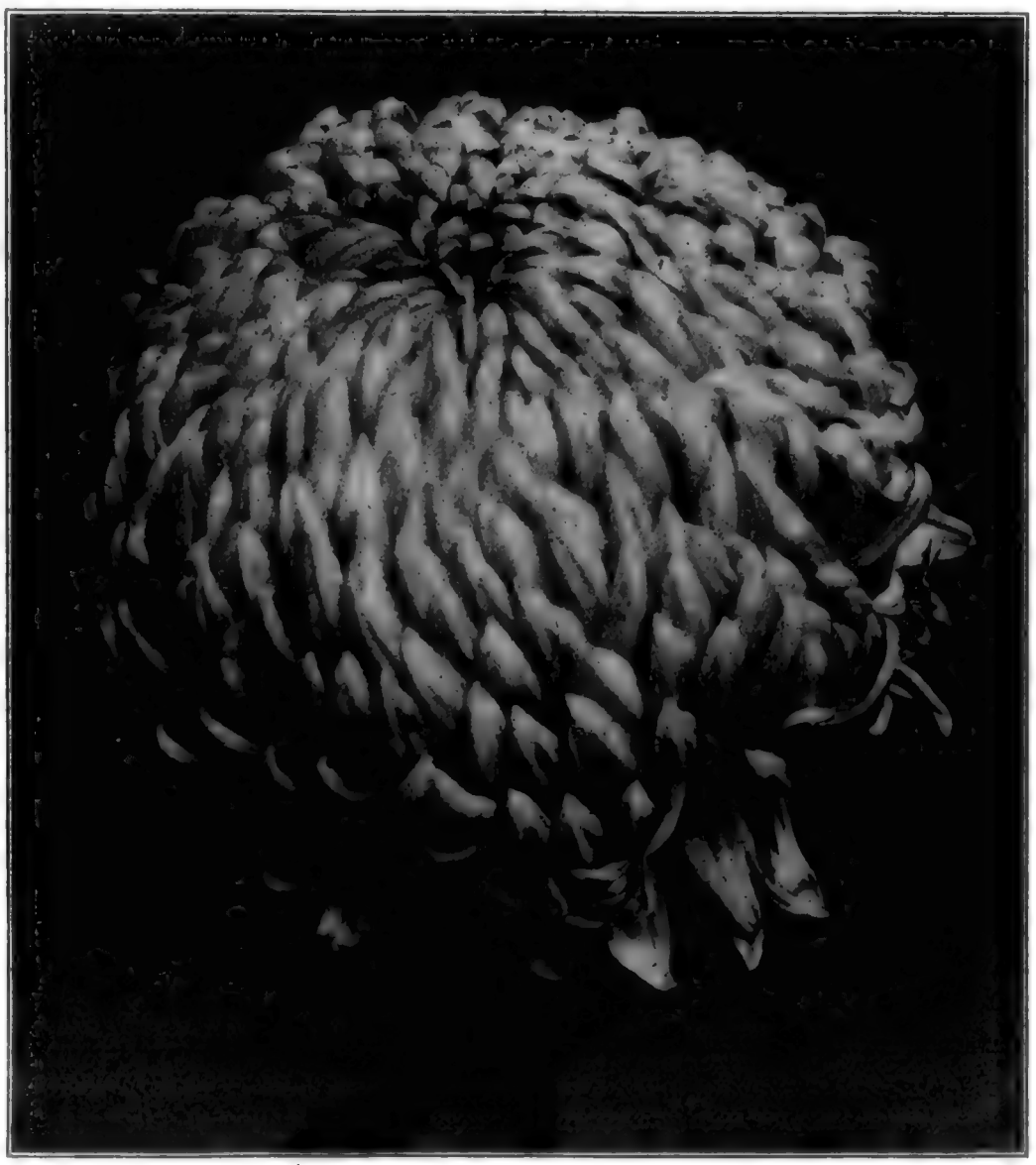
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ROSES

VALLEY

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EVERY VARIETY OF CUT FLOWER IN SEASON

I HAVE every arrangement completed for a successful business during the coming season. My growers are amongst the best of the country, and their number is most encouraging. I shall build my success on the lasting foundation of SQUARE DEALING, prompt payments, and fair play to all. I ask a share of your confidence. Give me a call. Send me a trial shipment. Make yourself at home at 48 W. 30th Street when in New York.

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NOTHING MORE ATTRACTIVE FOR GROWERS IN NEW YORK THAN OUR IMPROVED FACILITIES FOR HANDLING CUT FLOWERS OF EVERY DESCRIPTION.



A SPECIAL DEPARTMENT, VERY LIGHT AND WELL VENTILATED, FOR THE DISPLAY OF IMMENSE QUANTITIES OF GLADIOLI, ASTERS, DAHLIAS, LILIES AND CHRYSANTHEMUMS IN THEIR SEASON.

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Importers and Growers of High-Grade { Japan Longiflorum Lilies / Japanese Dwarfed Plants

WOODSIDE, LONG ISLAND, N. Y.



A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter. Quaint and curious Japanese plants on hand for shipment all the year round. :: :: :: :: :: :: ::

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ALTHOUGH

"Togo" Has Got Busy

IT DOES NOT FOLLOW THAT JAPAN LILIES WILL BE IN ON TIME FOR EASTER. : : :

KEEP ON THE SAFE SIDE AND PLANT NOW.

BODDINGTON'S

Quality Brand Bermuda Longiflorum Bulbs

5–7 inch bulbs,	400 in case	$3 50 per 100,	$30 00 per 1000
7–9 " "	200 "	7 00 "	60 00 "

Late Dug Harrisii, True Boddington's Quality Brand

THOROUGHLY RIPENED AND TRUE TO TYPE

5– 7 inch bulbs,	400 in case	$ 4 50 per 100,	$ 40 00 per 1000
7– 9 " "	200 "	8 50 "	80 00 "
9–11 " "	100 "	18 00 "	175 00 "

White Roman Hyacinths. ...READY FOR DELIVERY...

Extra fine 12 to 15 cms.	in circumference,	$3 00 per 100,	$26 00 per 1000
" " 13 to 15	" "	3 50 "	30 00 "

Narcissus Paper White Grandiflora

Extra quality large size bulbs.....$1 25 per 100, $9 00 per 1000

Callas. Immediate Delivery.

1¼ to 1½-in. in diam..	$4 50 per 100,	$40 00 per 1000
1½ to 1¾-in. " ..	6 00 "	55 00 "
1¾ to 2 -in. " ..	9 00 "	85 00 "

Freesia Refracta Alba

Selected bulbs.....	$0 40 per 100,	$ 3 50 per 1000
Extra selected bulbs...	75 "	6 50 "
Monster bulbs.....	1 25 "	10 00 "

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SEEDS, BULBS AND PLANTS

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THE FLORISTS of the United States say it is because we are the Largest, Best Equipped and Most Progressive Florists' Supply House in this country, and they ought to know. The general verdict of all visitors at the Convention was that so fine an exhibit as ours had never been seen before. Mr. Bayersdorfer has just returned from ransacking Europe for Novelties, and our own big factory has not been idle. Our stock is now considerably finer than EVEN WE ever offered before. You can depend on us for the best of everything.

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NOVELTIES which will turn out regular money-makers for the scores of my customers, obtained at our annual European scouring tour and at hand NOW.

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RED PAPER CHRISTMAS FOLDING BELLS. Many other Novelties too numerous to mention.

☞ JOBBERS PLEASE APPLY FOR DISCOUNTS. ☜

WE desire to call the attention of our friends in the trade to our new fern, to be introduced Spring of 1905, which we exhibited at the St. Louis Convention.

The beauty and value of this new fern can best be appreciated by seeing it. It is a sport from the Pierson Fern (Nephrolepis Piersoni), but is very much more beautiful and of greater commercial value. It is as different from the Pierson Fern as that is from the Boston. The small side pinnae are again subdivided, producing an exquisite and beautiful effect, changing the entire character of the fronds, which measure less than half the length and about twice the breadth of the fronds of the Pierson Fern. The fronds also assume an entirely different form, the side pinnae standing at right angles to the mid-rib of the frond, on edge rather than flat, as is usual, making both sides of the frond equally beautiful—entirely different from any other fern.

The plant is very dwarf, only about half the height of the Pierson Fern, and of very much more compact habit. Taking it altogether, it makes one of the most exquisite plants and one of the most valuable for table and house decoration that has ever been introduced. The cut fronds, on account of their beauty, will be in great demand for table decoration, design work, and for use in boxes of loose flowers. Well-grown plants make most magnificent specimens. We think there is nothing in the fern line that is so handsome as this beautiful fern when well grown. It is a wonderful improvement over Nephrolepis Piersoni in every respect, both in regard to beauty and habit of growth.

As an appreciation of its value, we would state that we were awarded this year the much coveted fifty ($50) dollar prize offered by the Horticultural Society of New York for the best new plant. It has been exhibited before several other horticul' tural societies this year, and has received the highest possible awards.

We will be glad to mail full description, etc., to our friends who do not have the opportunity of seeing this fern at St. Louis. We shall have plants to offer not only in small sizes, but also in large specimen plants in 6-inch, 8-inch and 10-inch pans. Prices on application.

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TALK COSTS NOTHING!

WE SHOW BEYOND QUESTION, by our ANNUAL DISPLAY, our right to be classed as the LEADING FLORISTS' SUPPLY HOUSE OF AMERICA. Our display at the Convention was so far superior in SIZE, EXCLUSIVENESS AND ORIGINAL IDEAS that there was but one verdict, and that was that : : : : : : : :

WE ARE "IT"

AND WE SHALL BE IT AT EVERY CONVENTION.

"NUFF CED." SEND FOR KAT-A-LOG.

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CYCAS REVOLUTA

The True Long Leaf Variety.

JUST ARRIVED.

Per 1000 lbs.....$60.00
Per 100 lbs..... 7.50

Stems running from ½ lb. to 6 lbs.

Prices on all

Summer and Fall Bulbs, Plants and Roots

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TALL .....Finest Mixed per pkt., 50c.
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Pansy, Superb Mixed.

⅛ oz., 75c; per oz., $5.00.
Choice Mixed, per oz., $2.00.

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LIL. HARRISII—Semper Idem brand. Guaranteed healthy, true, clean, plump.

5x7—400 in case, 12, 50c; 100, $3.25; 1000, $30.00
6x7—300 in case, 12, 60c; 100, 4.50; 1000, 42.00
7x9—200 in case, 12, $1.00; 100, $7.50; 1000, $72.00
9x11—100 in case, 12, 2.25; 100, 15.00; 1000, 140.00

LIL. CANDIDUM—Thick petaled, hardy stock, very valuable for forcing or outdoor.
1st size.....12, 60c; 100, $4 50; 1000, $40.50
Mammoth 12, 75c; 100, 5.50; 1000, 50.00

JAPAN LONGIFLORUM — Due September, but not certain.

Get HARRISII to be sure of your Easter lilies.

PLANT NOW.

	12	100	1000
FREESIA — The pure white Bermuda or Calif.			
⅜—½-inch	$ .40	$3 50	
½—¾-inch	.65	6.00	
¾-inch up	1.00	9 00	
FRENCH FREESIA—1st size	.60	5.00	
Mammoth	1.00	9.00	
OXALIS—Bermuda Buttercup	.80	7.00	
Rose or lavender, giant flowering, Grande Duchesse	.90	8 00	
Pure white giant Oxalis	1.10	10 00	

CALLA ETHIOPICA — For 20 years we have supplied the trade and our stock is grown on sandy, virgin soil. No disease.

	12	100	1000
1 x1½-inch diameter	$ .50	$3.50	$30 00
1½x2 " "	.75	5 50	50.00
2 x2½ " "	1.00	8.00	75.00
Monster	1.50	10.00	....

HYACINTHS — French Roman white.

	12	100	1000
11x12	$ .35	$2.25	$21.00
11x15	.40	2.75	25 00
12x15	.45	2.85	27.00
13x15	.50	3 50	32.00

PAPER WHITE NARCISSUS.

True grandiflora, 13 cm	.20	1.00	9 00
" " 13 cm. and up.	.22	1.10	10.00
Large Paper White are very scarce. French early forcing Trumpet Major	.20	1.15	10.00

FLORISTS IT IS TIME TO SOW. PANSY SEED.

Try our BERGER'S NEVER FAIL, put up by ourselves. Guaranteed to contain every sort, color and variety of Prize strains. 1000 seeds, 25c; 5000 seeds, $1.00; oz., $4.00

PANSY SEED—Giant flowered, in white, yellow, black, azure blue, violet, striped, bronze, red, purple, separate or any named sort, 1000 seeds, 25c; 5000 seeds, $1.00.

PANSY—Trimardeau, Bugnot, Odier, Cassier Giants. pkt., 25c; ½ oz., $2.50.

CINERARIA Grandifl. Maxima, pkt. 500 seeds, 25c; 5 pkts., $1.00.

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Cineraria Stellata Novelty, finest Cineraria grown, 100 seeds, 10c; 500 seeds, 40c.

CALCEOLARIA, Tigered and spotted giants, pkt. 25c.
Calceolaria rugosa (shrubby). pkt., 25c.

PRIMULA Sinensis, rose, white, blue, blood red, crimson, 100 seeds, 25c; 1000 seeds. $1.75.
Primula Sinensis, all colors, mixed, 100 seeds, 25c; 1000 seeds, $1.50.
Primula Obconica, rose or white, pkt., 25c.

CYCLAMEN Persicum giganteum, in white, rose, blood red, 100 seeds, 65c; 1000 seeds, $6.00.

DRACAENA Indivisa.....oz., 25c; ¼ lb.....95c.
Dracaena Australis, oz., 50c; ¼ lb., $1.50.

SMILAX, oz., 20c; ¼ lb., 50c.

FERN SPORES, ALL LEADING SORTS. separate or mixed .....pkt., 25c

FLORISTS—GET READY FOR FERN DISHES.

We offer very strong plants, divide into 5—8, in all leading sorts, 2¼-inch pots, $3.25 a 100; 3-inch pots, $6.00 a 100. FERNS FROM FLATS in finest assortment, $1.50 a 100; $12.00 a 1000.

DUTCH BULBS DUE NEXT WEEK.

Send for our catalogue, Fall 1904. Our prices will interest you.

Our UNBLEMISHED RECORD for 26 years guarantees you HONORABLE treatment.

Address H. H. BERGER & CO., 47 Barclay St., NEW YORK.

The St. Louis Convention.

TWENTIETH MEETING OF THE SOCIETY OF AMERICAN FLORISTS.

Next Meeting to be held at Washington, D. C.

OFFICERS FOR 1905:

President, J. C. VAUGHAN, Chicago, Ill.
Vice-President, J. R. FREEMAN, Washington, D. C.
Secretary, W. J. STEWART, Boston, Mass.
Treasurer, H. B. BEATTY, Oil City, Pa.

In another year the S. A. F. will reach its majority. The twentieth annual convention has been held at St. Louis this week and has redounded greatly to the credit of the society and the host, the St. Louis Florists' Club. The World's Fair was an attraction to many and served to bring a number sufficient to make up for the absence of large eastern delegations and the individuals who were kept away by the apparently not wholly unwarranted fear of hot weather. The attendance was excellent and the number of members who were accompanied by their wives was noticeable. The fear that the exposition would detract from the attendance at the sessions proved largely without basis, but the exhibitors felt the influence when it came to taking orders. The program was arranged for morning sessions only, after the first day, and the afternoons and evenings were left open for visiting the Fair. It proved an admirable arrangement and the good work of the local club caused everything to pass off with the utmost smoothness and earned the verdict that it was one of the most successful conventions the Society has ever held.

At the opening session Tuesday afternoon there were seated on the stage, besides the officers, the following ex-presidents: E. G. Hill, John Burton, Wm. Scott, W. F. Gude, Adam Graham, Edwin Lonsdale, W. N. Rudd, W. R. Smith and Robert Craig, besides the members of the board of directors and several state vice-presidents. The stage was handsomely decorated, as was the entrance to the building, which is the old exhibition building. The hall had very bad acoustics.

J. J. Beneke, president of the St. Louis Florists' Club, called for order and introduced Cyrus P. Waldbridge, president of the Business Men's League, to deliver the address of welcome. Mr. Waldbridge, then mayor of the city, welcomed the S. A. F. when it first met in St. Louis, eleven years ago, and referred pleasantly to that event. He said that when he received this invitation he did not know but what the florists had been so absorbed in their occupation that they had failed to take note of the political changes which had taken place. He said he would not expect them to be diverted from flowers by politics and demonstrated that the florists are God's lieutenants because they make even greater the glories of the Creator. He did not, as is usual, offer the keys to the city, doubtless because the mayor had taken them with him on his vacation.

The response was by Robert Craig, of Philadelphia, who referred to the hospitality of St. Louis during the convention of 1893, after which most of the members went to see the Chicago World's Fair, that great work of western enthusiasm, power and ability, not dreaming that the next gathering at St. Louis would see such glories as those of the present exposition. He quoted Bacon, that "men build finely before they garden finely," and regretted that at this Fair horticulture has not been developed as it might have been. He thanked Mr. Waldbridge for his hearty welcome and said he hoped to see the day when the S. A. F. shall again visit this good old town.

Mr. Beneke then introduced President Breitmeyer and presented him with a gavel on behalf of the St. Louis Florists' Club. Mr. Breitmeyer received an ovation which attested his unbounded popularity with the society and made it impossible to proceed for several minutes, after which he spoke a few words of welcome for the many ladies present and asked indulgence while he read his address, which was as follows:

President's Address.

Following the precedence established by the first president of this society and repeated by every one of my predecessors, I herewith present my address. First allow me to congratulate you upon the wisdom of having selected this beautiful city as a meeting place of this, the twentieth convention of the society. This great city which is aptly termed the commercial gateway of the great south. Eleven years ago it was our privilege and pleasure to meet here under the presidency of our esteemed and dearly beloved William R. Smith, through whose untiring energy and enthusiastic vigilance for over eight years, a national charter was obtained, and under which our society now operates with the dignity and prestige that most fittingly belongs to a society with the broad, lofty, progressive and elevating purposes for which the Society of American Florists and Ornamental Horticulturists was organized.

It is a happy coincident, too, that we are convened here at a time when the Louisiana Purchase Exposition is open, with its many massive buildings, completely filled with the brilliant examples of the latest developments in art and the various industries of the civilized world. We can happily congratulate ourselves, too, that it is manifest to the thousands of visitors to the great exposition that the progressive and enterprising spirit that has made the show the success it is, has extended to nearly every branch of floriculture and horticulture, and that as we pass through these extensive grounds and the Horticulture building we can see evidences upon all sides showing examples of the florists' art and the results of the patient and vigilant work of the horticulturist and landscape gardener.

I was here in March last and observed with alarm the really great difficulties which lay in the way of those in charge of this feature of World's Fair work, and I behold today the most marvelous transformation from its rude, primitive condition to the beautiful park and pleasing slopes and approaches that now greet us.

To many of our members present and who will see for the first time the Missouri Botanic Gardens located here, there is a rich treat in store, and when the great extent of these magnificent grounds is open to them they will be forcibly impressed with the congratulations that are due to this city for being in possession of such a great educational institution. Its founder, the late Henry Shaw, has left an imperishable monument to the great love for flowers and their elevating influence that dwelled in him. Let us hope that the world may have many more of such men and that every great city in our land will some time be the beneficiary of men of such noble character and æsthetic sentiments.

Our Society.

With each recurring year it seems necessary to relate some of the achievements of the society for the benefit of prospective members, who, notwithstanding the wide publicity given our work through the trade press, still sometimes ask the childish question: "What good will it do me to belong to the society?" Under the circumstances one is at first inclined to be provoked by the question but, following the obedience to our well-known duty (for it is a duty that every member, as well as every officer, owes the society), we answer that for the past twenty years, covering the life of the society, the brightest minds and most capable men in every branch of our business have been reflecting the net results of their experiences, deep thoughts and investigations through the pages of the official reports of this society's doings. The methods of greenhouse building, cultural methods of the most successful growers, the most efficient manner of greenhouse heating, the manner of disposing of stock at wholesale, the most improved methods of the retailer, and subjects covering every

branch and phase of the business, from the planting of the seed and rooting of the cutting to the final disposition of the product, has been, by the existence of this society and prompted by it, actually scattered broadcast to all who would but seek it.

We have inaugurated trade exhibitions annually and caused the same to be open free to the admiring public; we have stimulated a spirit of emulation between growers, which has resulted in bringing out a merit and general excellence of their product that was previously considered impossible; we have brought together and prompted the friendship of the grower and buyer of the east and the west, the north and the south; we have, by our annual meetings, brought together the employer and the employe and their free exchange of views unimpeded by fear or by jealousy; we have removed the barriers so that the young can learn from the old and the old can learn from the young; we have elevated the general aspect of the florists' occupation from former drudgery to that of a profession in which all may be proud to engage; we have neglected nothing that would aid the employer and the employe and advance their material interests; we have been a shining example of the great possibilities of a working organization, which has resulted in the multiplicity of similar societies working upon lines which are daily improving our general condition and increasing our prosperity.

These great advantages have been shared in by the employe as well as by the tradesman, and will continue to improve the former to the end that in this great country, where genius, enterprise and industry make it possible and quite probable for the servant of yesterday to be the employer of today.

Following out this line of thought, I would say that if this society should disband tomorrow, it has accomplished sufficient already to justify its existence and would deserve the everlasting praise of succeeding generations of florists.

Being still more specific, I am speaking within the strict confines of truth when I say that there is not a florist in the land today, whether he is or not a member of this organization, who has not already been benefited from the latest triumph of the society's efforts in causing a reduction of express rates on flowers, after the individual efforts of the largest shippers failed to accomplish it; the beneficiaries of the hail insurance adjustment of losses of thousands of feet of glass have good reasons to join the great chorus of satisfied members.

To further enumerate the many acknowledged achievements of the society would lengthen this address and delay the proceedings too long, and I will conclude this part of my address by saying that the society will continue its life of usefulness and will always be prepared to meet and remove from its path any obstruction calculated to impede its progress and beneficial influences.

The Future.

I certainly would like to see much more activity of our present members toward obtaining new recruits. I am sure that even a little effort by each one would result in materially increasing our membership. The life membership has been particularly slow in growth, and I earnestly commend this manner of support to all who are at all able. This year I have myself made considerable effort to enlist many into life membership and I am pleased to say that the cheerful responses have been considerable, which leads me to believe that much can be accomplished for the benefit of the society in this way, if the efforts are made.



J. C. Vaughan, President-Elect Society of American Florists.

An examination of the official reports of our convention proceedings will disclose the deplorable fact that the papers read at our meetings of recent years are being less and less discussed by the members present. The close observer will notice that this is not because of the lack of the intrinsic merit of the papers themselves, or the timely importance of the subjects treated by them, and we are therefore unwillingly forced to the natural conclusion that the cause lies in the evident apathy and apparent indifference of the members, for whose benefit all the work of the society is directed. I therefore ask your earnest consideration of this matter and most fervently hope for a revival of that spirited interest in our meetings which characterized the proceedings of the first ten years of the society's existence.

The Trade Papers.

The trade papers have rendered us much valuable assistance and we should feel grateful to them. They give wide publicity to our proceedings and acquaint the trade with the value of our work, but I sometimes question the propriety of allowing free publication of society matters, which belong properly to members only. It is sometimes claimed, and I believe truly so, that because of such publications in the trade papers, it appears to many that there is no necessity for belonging to the society in order to obtain copies of the proceedings in detail. It may be well for the society to give due consideration to this matter at this meeting and take whatever action on it may be found necessary, after a free discussion of it.

Trade Conditions.

From what information I have gathered, I am satisfied that the past season has not compared favorably with the former in as far as profits are concerned. The growers can partly account for this condition. The extra cost of fuel, with additional consumption, explains much of the situation. To make matters worse, the receipts both in money and productiveness fell behind the greater part of the season. Let us admit that this was the growers' experience.

The retailer who is not dependent on the same conditions as the grower, and who is by no means at the mercies of the weather or results of a coal strike, admits that his business was up to all expectations—in some cases exceeded that of former years. Taking it for granted that this is true, it is chiefly the growers who need the comfort of advice.

As your president, I take the liberty

of saying a few words on the subject. From all reports, the prices obtained for products in the east are in advance of those obtained in the west. There must be a cause for this condition. Is it possible that it is due to over-production? The class of goods offered in the middle west is equal to the best in the country. Are the prices? If so, I fail to see it. I venture to say the condition has grown worse the last two years, and seems to have come as predicted—an abundance of good stock going to waste.

Need for a Reserve.

I think this is an opportune time to call your attention to that part of ex-President Burton's address last year, in which he said all should take caution and keep some of our earnings in reserve, and I believe he alluded particularly to our western brethren. I am of the same opinion. It might be well for the progressive, who are adding enough glass each year to alone swamp the section in which they are in, to hold off building a few years. It may help to equalize the production. Let the consumption exceed the production if it will. The general trade may benefit by it—the grower would at least. I do not mean to discourage progress, for that would be impossible.

It would be reasonable for men in our line of business to take a hint from what other industries are doing. For instance, a car-shop can close the doors of their shops in whole or in part, if business conditions require it. They then await the reawakening of business ere they operate again. An entirely different proposition for the florist. A greenhouse, once built, needs constant watching 365 days each year. With the present condition it is well to yield. We know the building operations have been far beyond normal of late; therefore a bit of caution will not go amiss.

I think it would be well for some of this enormous glass area which is now devoted to cut flowers to be used for growing a more extensive stock of flowering plants, in which the public is of late showing so much interest in all parts of the country. I quote the words of a shrewd grower, prominent in our midst, in which he uses good logic. He said: "No more building for me. I have a desire to see what a bank account looks like. Since I have had the building craze I have been a poor man." A good word spoken, I thought.

This is too often the case with the florists. They seem to have a hobby of being in debt constantly, caused, as a rule, by the anxiety to build greenhouses. We all know the result. Further, we are apt to establish poor credit. Whether it is by building greenhouses or building other houses, the credit of our business can stand for improvement. Too often it is impaired alone by the pure carelessness of those who need it most. This carelessness extends so far to the point of even refusing the courtesy of a reply to demands for payments, and we all know the natural result.

The Labor Problem.

The present time seems opportune for this society to, in some proper manner, do something toward the improvement of the conditions of most of our employes. Even the casual observer will notice the rapid but certain depletion in the ranks of efficient help engaged particularly in greenhouse work. It appears to me that a period of extreme difficulty in getting such efficient help for the necessary requirements is close at hand, and that we must make provisions to meet it.

We hear from many parts the cry of an employer's inability to secure help with sufficient knowledge and application to warrant their retention in greenhouse work with even a small share of responsibility. About twenty years ago this trouble did not confront the employer anywhere. He could obtain the necessary help required, from the small boy pulling weeds and cleaning pots to the section foreman. Apprentices were much the rule then and not the exception, but today we find but few boys at work in our establishments, and I am led to believe the reason for it is that the usual compensation given for the different grades of greenhouse work is, to the seeker for work, not sufficiently remunerative when compared with the wages offered and received by help in other lines. This, I think, is all a mistake.

We should seek to employ boys and teach them the business and teach them to feel attached to their chosen line of life's work, but to bring about this change, which if done at once would be a violent one, we must lend encouragement to the youthful applicant by pointing out the possibilities in the lines of promotion, that carries with such promotion and added responsibilities, wages and salaries which will at once seem sufficiently attractive to warrant the adoption of this line of work as one's life vocation. At the present time there is not the least stability to the wages and salaries given in any grade of greenhouse work, so that it is impossible to point out substantial reward for the prospective florist, and the result is, as above stated, a scarcity of the help required and a great deficiency in the knowledge of those at all obtainable.

Therefore, looking forward to a possible improvement of the condition, I would suggest that the society would appoint a committee to draw up a scale of wages that would, in the judgment of the committee, properly compensate the service rendered and which would be applicable to most places throughout the country, and let that scale be as generous as the business can afford. Then we may be able to enlist more in our pursuits than at present seems possible, and the merit of them will be improved, for if we would elevate our calling we must elevate the men engaged in it.

Amateur Societies.

I am much impressed with the extensive good work being done in many parts of the country by these unique organizations for home and civic improvement, and I believe this society should substantially recognize such work by the awarding of suitable medals and certificates to those of their members who are being particularly successful in the advancement of such work, which, even indirectly, operates to the pecuniary advantage of members of our own society. I earnestly hope that such action as may be necessary will be taken at this meeting to carry into effect this recommendation.

During the past winter I had the pleasure of attending the lectures in our city of Prof. Zueblin, on civic improvements which pointed out the great work done on these lines and the interest shown now most universally in this most commendable work, and when I contemplate the interest and real enthusiasm shown in matters horticultural, bearing upon improvements and embellishments of home and public grounds by the League of Civic Improvements, the Outdoor Art Association, and similar associations, I feel that our members are losing a grand opportunity to advance this feature of that line of business, which belongs, almost exclusively, to our craft. We may, I think, very properly and to great advantage identify ourselves with these associations and lend what assistance we can to the development of ornamental horticulture and thereby create a further demand for the class of stock required in work of this nature, and never losing sight of the necessity of providing this stock. I observe that the nurserymen are already alive to the importance of this branch of the business, which properly belongs to us, and their encroachment upon this field is the result of our own indifference to the growing and sale of this very remunerative class of stock.

In many of our public parks, notably those of Cleveland, where I was recently shown around by ex-President Graham, I



Exposition Building, St. Louis, where the S. A. F. Met this Week.

observed the almost entire absence of beds of flowering plants. This I much deplore and fear that the extreme has been reached in following the ideas of the late Mr. MacMillan, of Buffalo, who some time ago advocated a less profuse display of this form of embellishment of public grounds and a more general use of herbaceous and other ornamental stock. I hope that flowering plants, although annually replanted, will find favor with park commissioners everywhere.

Bureau of Statistical Information.

I would suggest that this meeting take decided action toward the establishment and maintenance of a complete system of collecting reliable data of all kinds relating to our business and its several branches. I believe this work should be thoroughly and reliably done by permanent committees appointed for the purpose and that a compilation of such information should be effected and preserved through the office of the secretary of this society. Some attempts have been made in the past to gather statistics of glass areas, etc., throughout the country, but they even have met with indifferent and uncertain results. It certainly would be of great benefit to all interested in the growth and general advancement of our industry to be able to reach, without difficulty, information properly tabulated covering the many phases of its development, especially so when such information is absolutely authentic, as it necessarily would be when coming through the reliable channels of the membership of this society. Eleven years ago this matter was referred to by ex-President Wm. R. Smith, and I hope this year will see the realization of this feature of the society's development.

Closer Relations.

Three years ago it was thought desirable by many of our members to bring about closer relations of certain other societies with this, the parent society, so that the co-operations of all may be effected to the mutual benefit of all the organizations referred to. You are all aware of the failure of our two attempts to adopt an amendment calculated to bring about the desired result. Your executive committee again considered the matter at its meeting in St. Louis last spring, according to the instructions of the Milwaukee convention, and decided to again bring the matter up at this meeting for final disposition. I hope that the amendment will be adopted as it reads, and if the organization whose co-operation is solicited by it fails to accept the same it will be no fault of the Society of American Florists and Ornamental Horticulturists. I believe it would be far better for the society to go upon record as having offered this inducement to the kindred societies, as in a large measure carrying out the good purposes of the development of our industry as contemplated by the society at its original inception.

Arbitration Committee.

There seems to be a general desire for the restoration of the arbitration committee. From many parts of the country we hear of grievances affecting our members and a manifestation of willingness to allow the adjustment of these real or fancied wrongs to be affected through a committee. Thus it will be possible to maintain the pacific relations between buyer and seller that are so much desired and actually needed for the commercial interests of our members. If the committee appointed a year ago for the purpose of establishing standard sizes of plants and bulbs brings in a report at this meeting indicating the practical feasibility of the plan, and if such standards are adopted and put into operation as generally and completely as were the standard pots, then the work of the arbitration committee could be more clearly defined, and its usefulness far greater than under the present circumstances, where no definite established standard exists. After hearing a report of that committee, of which Mr. Eichholz is chairman, we can at this meeting, if having the approval of the convention, establish at once the arbitration committee, as I can see no good reason for deferring it for another year.



J. R. Freeman, Vice-President-Elect Society of American Florists.

Proposed Permanent Home.

I have given much thought to this important matter and must say that as much as I would welcome the realization of this idea, I do not feel very sanguine of the success of the project in the near future. When it is considered that today, after the society's existence of twenty years, our treasury has only about $5,000 on hand, it is difficult for the most enthusiastic to see in the near future the feasibility of a scheme involving such a monetary outlay as would be necessarily required for the purpose. Even the maintenance of such an institution, should it come into our possession free of debt, would give much anxiety to the officers of the society. However, the idea is a magnificent one and I do not wish to in any way discourage it, but on the contrary recommend keeping it alive and frequently dwelled upon so that the importance and desirability of it will grow in our hearts at present and in the future, so that the fond hopes of many of us may yet be realized, even if its accomplishment must be postponed to a time far distant from the present.

The consideration of a permanent home for the society leads me to the thought that much of what we would naturally expect of a beneficial character from such an institution, if it were an accomplished fact, is really easily obtainable through the existing experimental stations already established in many of our states. I find that these institutions, which are a result of a part of our taxation, are admirably and completely equipped with both the knowledge and practical facilities for efficiently testing seeds, plants and cultural methods, the results of which can be easily obtained by the mere request of those interested. Furthermore, those persons having such institutions in charge seem even eager to give out, for the benefit of all, the results of their experiments and practices. I therefore urge our members to appreciate the value

of these available agencies and freely make use of the advantages they offer us.

The Carnation League.

It seems fitting that our society should give its official approval and continued encouragement to the Carnation League of America. Mr. H. M. Altick, one of the executive committee of S. A. F., who is chairman of the committee on McKinley memorial representing the American Carnation Society, and which was endorsed by this society a year ago, has been expending commendable energy in behalf of this most deserving project, which I am sure will meet the hearty approval and most generous response of the members of this society, whose charter happily bears the signature of the late distinguished and beloved president, William McKinley.

Another matter that I deem of sufficient importance to here refer to is the customary practice and usual instructions given to the various committees. In most cases where their appointment is deemed advisable a report from them is not made until the next annual meeting. This, I think, is a mistake and would suggest that such committees should do their work as soon after the appointment as practical and make the report at once to the secretary, who could without delay apprise the president, and after the approval of the latter, publication to the members could be made and the result of the committee's work put into immediate operation. While considering the work of committees I will say that I think this method of making a division of the society's work should be more freely exercised, but men of the best qualifications should be selected and they should be made fully aware of the prompt and efficient work expected of them.

Trade Exhibitions.

The trade exhibitions connected with our annual conventions, I am glad to note, are growing in extent, importance and popularity, and rightly so, for the benefits arising from them are many and widespread, and I sincerely hope for a continuance of this valuable feature of our annual meetings.

Some of the most interesting discussions we have ever had developed out of the answers given to inquiries from the question box and I urge the free use of this valuable avenue of information.

The Executive Committee.

To those of my executive board who were present at our sessions, who have had the good work at heart and devoted their time and money for the good cause, let me express my heartfelt appreciation, and I hope the same enthusiasm will follow their entire term of office. To those who were not present, I must confess that it was a disappointment. We should understand it is largely a business proposition. Speaking for myself, I should not accept an honor unless I felt I would endeavor to fill the requirements. When a man is shown the courtesy and is invited to give counsel in a society representing his trade's interests, he should put forth all efforts to lend such assistance as lies in his power. This question should be weighed well. We must admit that we all have troubles of our own. None so bad but what may be worse. We should be anxious to lay aside our individual business a short time for this cause. The executive committee is the main machinery of the society. To them is allotted the year's work, and in order to do good, effective work it is absolutely necessary that every director fully intends to do his share at each and every meeting during the term of office, and there ought to be men in our ranks anxious for the opportunity. This year we have arranged a program that I hope will prove interesting and valuable to all our members.

In conclusion, I wish to use this opportunity to express my grateful appreciation of the splendid work done in connection with this event by the St. Louis Florists' Club. President J. J. Beneke, Messrs. Kuehn, Tesson, Oestertag, Schray, Ammann, Byer, Weber, Ellis and Koenig have all to my personal knowledge shown extraordinary interest and applied themselves most industriously to the work assigned them and the happy result is the most complete preparation for this glorious convention.

Secretary Stewart then read his annual report, which was as follows:

Secretary's Report.

In presenting my annual report I take opportunity to congratulate the society, and, through it, the horticultural interests of the country on the freedom during the past year from widespread calamities, such as the coal strike and the express-rate burden, which had in the previous season threatened our prosperity. While not a phenomenal year in any respect, it would seem from the vice-presidents' reports and other sources of information from all sections, that a reasonably satisfactory year has been passed.



Some of the Men Who Made the Convention.

The records of the secretary's office show that this has been the society's experience also.

The annual printed volume of the society's proceedings for the year 1903, a publication of 228 pages, was issued to members in due time and will suffice as a report of our last meeting and its results, and of the enjoyable hours we spent as guests of our indulgent and generous friends of Milwaukee and Chicago, who proved themselves to be masters of the science of hospitality applied with methodical lavishness unequaled in our experience. The records show that twenty-four "certificates of merit," twenty-eight "honorable mentions" and nine "highly commended" diplomas were issued by the judges in the Milwaukee exhibition; and that the gross receipts for space rented to exhibitors were $2,248.62. It is also recorded that one hundred and fifty-nine plant introductions had been reported to the secretary's office during the year. This number included twenty-two carnations, four roses, eighty-two chrysanthemums, six zonal geraniums, three dahlias and forty-two miscellaneous plants.

The total number of members as shown in the printed list for 1903 was nine hundred and three, a net gain of twenty-five over the previous year. Of this number seventy-five were life members. In the interim since the issuance of that report the number of life members has increased about fifty per cent, and our permanent fund has thus received a gratifying accretion. The number of new and reinstated members for 1903 was two hundred and eleven. They are credited to their states as follows: California, Florida, New Hampshire, Rhode Island, Canada, Oklahoma and Delaware, one each; District of Columbia and Kansas, two each; Connecticut, Kentucky and Louisiana, three each; Colorado, four; New Jersey, five; Minnesota, seven; Indiana, eight; Missouri, nine; Ohio, ten; Iowa, eleven; Pennsylvania, sixteen; Michigan, eighteen; New York, twenty-two; Wisconsin, twenty-seven; Illinois, fifty-four.

The number of members of 1902 who have failed thus far to respond to due bills for 1903 and the present year is one hundred and fifty-eight, but this number will be reduced somewhat, as usual, by settlements at this meeting.

Deaths have been recorded since our meeting in Milwaukee as follows:

Mary S. Mann, January 11, 1904.
Josiah Hoopes, January 16, 1904.
Philip Gauges, February 1, 1904.
Walter Kreitling, February 29, 1904.
John Young, April 29, 1904.
L. H. Foster, May 31, 1904.
A. Schmitt, June 1, 1904.

Mr. Foster was state vice-president for eastern Massachusetts at the time of his death.

From the foregoing it will appear that, although our organization is numerically and financially strong, we have no increase in membership such as we have a right to expect. A little missionary spirit exercised by our members individually would accomplish more in this direction than all the circulars and press appeals we can make. If all the state vice-presidents should make the same determined effort which has been made by one or two whom I can name, we should have no difficulty in passing the one thousand mark and holding the lead.

The spring meeting of the executive board was held in this city on March 5, 6 and 7, 1904. Our present meeting place, program and other arrangements for the conduct of the business and pleasure of this convention are the result of their deliberations. A number of communications were received and acted upon. Among them was one from the secretary of the Postal Progress League, and a special committee with the secretary as a member was appointed, with instructions to co-operate with the legislative committee in the effort to secure the reforms in postal matters advocated by the League. It was voted to continue the issuing of silver and bronze medals through various horticultural societies as in other years. The subject of the methods of judging and making awards in the trade exhibitions was given long and careful consideration, and in view of the inconvenience and unsatisfactory results generally of the system hitherto prevailing, it was decided to make the change which goes into effect at this meeting, whereby the work of the judges is limited to regularly-entered novelties, and the duty of preparing a detailed list of the exhibits devolves on the superintendent. The secretary was instructed to have all existing records of past meetings of the board copied and bound in such manner as to preserve them in good condition. The subject that occupied the greatest share of the time of the executive board was that of the proposed amendment to the constitution, providing for the enrollment of sections, which had been referred to the board by the last convention. The draft of the proposed amendment as finally adopted by a unanimous vote of the board has been placed before the members of the society in accordance with the constitutional requirement, and awaits the action of this convention. Your secretary ventures to express the hope that this plan, the outcome of many years' study of conditions on the part of those whose duty or privilege it has been to think and to labor for the society's welfare and the advancement of horticulture in this country, will be adopted by the vote of the society when presented on Thursday, thus settling finally, and wisely, I believe, this annually recurring problem.

New plants registered since last report were as follows:

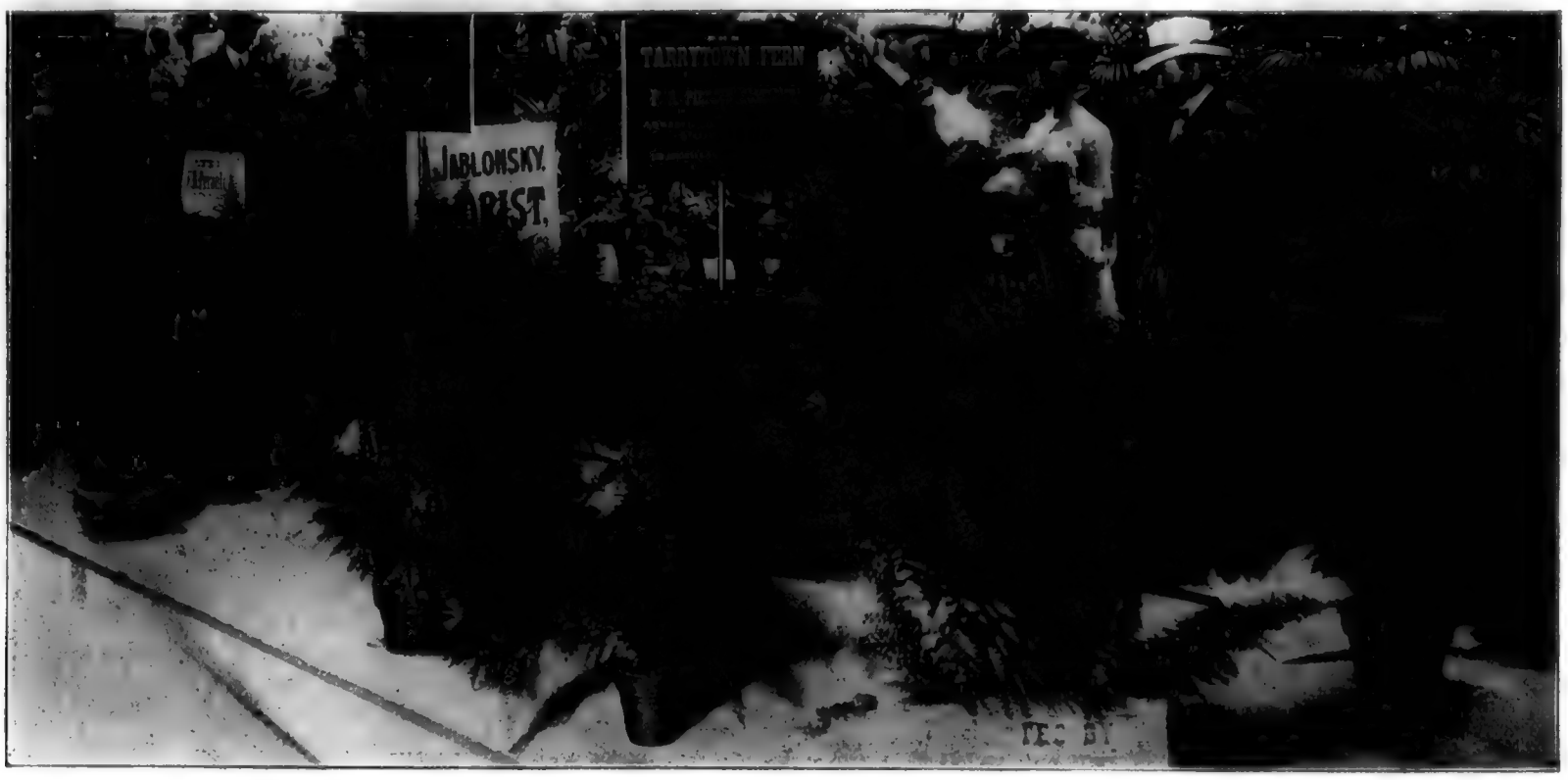
October 17, 1903—Rose Sir Thomas Lipton. This rose had previously been submitted for registration under the name of Leo XIII., which title was withdrawn when it was learned that a rose of that name was already in existence.

November 10, 1903—Chrysanthemums Miss Birnie-Philip, Cziffer, Mrs. Swope and Peter Stuyvesant, by C. D. Beadle.

December 8, 1903—Cannas St. Louis



Display of H. A. Dreer, Philadelphia, Pa.



Group of the Tarrytown Fern, shown by F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

and Milwaukee, by Vaughan's Seed Store.

December 26, 1903—Roses Minnehaha and Hiawatha, by M. H. Walsh.

January 11, 1904—Canna Louisiana, by Conard & Jones Co.

January 11, 1904—Nephrolepis exaltata, var. Scottii, by John Scott.

January 21, 1904—Rose Uncle John, by Peter Reinberg.

January 21, 1904—Carnation Daheim, by F. R. Pierson Co.

January 22, 1904—Carnation New Daybreak, by H. Weber & Sons.

February 23, 1904—Roses Cardinal and Enchanter, by John Cook.

March 5, 1904—Rose Gen. MacArthur, by Storrs & Harrison Co.

April 28, 1904—Geranium Telegraph, by Thos. DeVoy & Son.

June 20, 1904—Carnation Pilgrim, by A. L. Thorne.

July 1, 1904—Double Sweet Peas Raritan, Hudson, Delaware and Passaic, by A. C. Zvolanek.

July 18, 1904—Rose Arcadia, by M. H. Walsh. This rose had previously been submitted for registration under the name of Felicity, but this title was withdrawn to avoid possible confusion with another variety in commerce as Felicite-Perpetue.

The admission of Adiantum cuneatum var. Croweanum to registration last year brought out a protest from the late J. H. Ley, that gentleman claiming that this fern was identical with one he had disseminated under the name of A. hybridum. Your secretary procured from Mr. Crowe and Mr. Ley a number of plants each, in various sizes and stages, and placed them in the hands of Mr. Robert Cameron at the Harvard Botanic Garden for comparison under identical culture. After one year's test Mr. Cameron makes the following report, which seems to definitely settle this question:

Botanic Garden Harvard University,
Cambridge, Mass., Aug. 5, 1904.

Dear Mr. Stewart: After growing Adiantum Croweanum and Adiantum hybridum for one year I find that they are quite distinct.

Adiantum Croweanum has longer fronds, grows more upright and has smaller pinnules than hybridum.

Adiantum hybridum does not grow quite as tall as Croweanum, the fronds not quite as straight or upright as Croweanum and are of darker shade of green. The pinnules are much larger than in Croweanum.

Dr. Benjamin Robinson of the Gray Herbarium examined the plants this day and said that they were quite distinct.

Yours respectfully,
ROBERT CAMERON.

The following S. A. F. medal awards have been made through the societies indicated:

Massachusetts Horticultural Society, allotment of 1902, a silver medal to F. R. Pierson Company for Nephrolepis Piersoni, and bronze medal to Wm. Thatcher for seedling dwarf asparagus. Allotment of 1903, silver medal to Joseph Tailby & Son for hybrid calla, Mrs. Theodore Roosevelt, and bronze medal to David F. Roy for seedling canna, Mrs. E. S. Converse.

American Carnation Society, a silver medal to Richard Witterstaetter for Carnation The Cardinal.

Cincinnati Florists' Society, allotment of 1903, bronze medal to Henry Weber for Carnation Gov. Lowndes. Allotment of 1904, silver medal to R. Witterstaetter for Carnation The Cardinal, and bronze medal to Baur & Smith for Carnation Indianapolis.

Where a medal of same grade has been awarded for the same object by more than one society, the award first reported to the secretary of the S. A. F. has been given the medal, and the subsequent awards have been recognized with a certificate of award in lieu of a medal, according to the rules.

In accordance with instructions from the executive board, the secretary, in cooperation with the other gentlemen appointed, has done what he could to promote an agitation in favor of the proposed postal reforms, but with the usual experience of indifference on the part of the members of the Society, and now that the Postal Progress League proposes to carry the fight into politics, the matter seems to have got beyond our legitimate domain for the present.

Last fall a complete card catalogue of members was prepared and has proved a decided advantage over the roll-book system formerly in use. The large accumulation of society material of considerable value in the secretary's office makes it desirable that an office for its storage and the transaction of the society's business exclusively should be provided, and adequate insurance carried thereon. The exigency having been brought to the attention of the executive board, moderate appropriation to cover the immediate time was made by that body last March, but it would seem that this question is one that should be considered and decided by vote of the whole society.

With gratitude for the cordiality and cheerful assistance so freely given by officers and members during the year, and hearty wishes for ever widening influence and continued prosperity, this report is respectfully submitted.

WM. J. STEWART, Sec'y.

The report of Treasurer H. B. Beatty was presented. The summary was as follows:

Life membership fund: Cash on hand January 1, 1903, $1,924.56; receipts, $403.48; balance January 1, 1904, $2,328.04. Receipts to June 30, 1904, $436.89; balance June 30, $2,764.93.

General fund: Cash on hand January 1, 1903, $2,710.77; receipts, $2,539.80; expenditures, $2,114.56; balance January 1, 1904, $3,136.01. Receipts to June 30, 1904, $1,387; expenditures, $1,541.08; balance June 30, 1904, $2,981.93.

The legislative committee reported, on investigation of some complaints, that all the principal express companies are still adhering to the special plant rate where shipments are properly packed. On certain difficulties at the customs house they asked further time.

The peony committee reported that they found no evidence of prior distribution of the Suzuki & Iida set of Japanese varieties, English names for which were offered for registration some two years ago, and recommended that the English names be adopted as registered, bracketing the Japanese names in cataloging until the trade becomes familiar with the new names. The report was signed by Edwin Lonsdale, J. T. Temple, J. K. M. L. Farquhar, Carl Cropp, G. C. Watson, S. M. Meehan, W. R. Smith and Peter Bissett, and was adopted.

Henry Eichholz presented a report for the committee on standard sizes of plants, as follows:

Standard Sizes of Plants.

The committee reports as follows:

A plant is of standard size, in any sized pot, when it is sufficiently strong



Part of the Display of M. Rice & Co., Philadelphia, Pa.

under proper culture for a shift into a larger pot. The root action must be such as to hold the soil firmly and on the other hand should not be pot-bound.

Such plants as petunias, salvias, coleus, chrysanthemums, heliotropes, verbenas, geraniums, dahlias and flowering begonias, in 2½-inch pots, the stem should be not less than three nor more than six inches above the soil, with not less than four leaves. Such stock should be short-jointed, and any undue forcing to obtain specified height would greatly impair their value. The same class of plants in 4-inch pots should be well branched, with the possible exception of chrysanthemums and dahlias, in as much as these are often grown to single stem. They should be not less than six inches in height and of symmetrical form.

Fuchsias and abutilons, the same as the foregoing, in a 2½-inch pot, but in the 4-inch size they should not be less than eight inches in height.

Carnations and roses in 2½-inch pots should be not less than four inches in height and in 4-inch pots should be well branched and not less than five inches in height.

Smilax, Asparagus plumosus and Asparagus Sprengeri in 2½-inch pots should not have less than five growths nor less than five inches in height, with the possible exception of smilax which has been headed back to induce strong root growth, for which three inches in height would suffice. In 4-inch pots not less than ten growths nor less than seven inches in height, except smilax which has been headed back.

Primroses in 2½-inch pots, not less than three inches high and with six to eight leaves. In 4-inch pots, five inches high with twelve to fifteen leaves.

Begonia Rex in 2½-inch pots, not less than three well developed leaves; not less than four nor more than six inches in height.

Cannas, 2½-inch pots, not less than four inches in height, and in 4-inch pots, not less than six inches in height with three well developed leaves.

Ferns in variety, such as are generally used for filling small dishes, vary so in height and style of growth that it is very difficult to define them. In 2½-inch pots, they should average from two and one-half inches in height to five inches, according to the variety. In 4-inch pots, from four inches to eight inches in height. Boston ferns, in 2½-inch pots, not less than three leaves, and in 4-inch pots, not less than eight leaves.

It is impossible to make definite sizes, inasmuch as there is such a wide difference in the habit of growth of many plants of the same species. The individuality is very well marked in such plants as chrysanthemums, begonias and ferns. In mentioning 2½-inch pots, the standard size is the size referred to, namely, two and one-half inches wide and two and one-half inches deep, and not a 2-inch rose pot.

Henry Eichholz,
Elmer D. Smith,
Jas. S. Wilson,
Richard Vincent, Jr.,
Committee.

Mr. Scott said that, with all due respect to the committee, he considered its work of no value, as sizes required vary so widely in the different sections of the country and because mere size and height bear no relation to health and value. The report was laid on the table.

Mr. Stewart read a report from J. B. Nugent on a standard scale of sizes for roses, but on objection of E. H. Cushman it was referred back to the committee, it developing that Mr. Nugent had prepared the scale at the committee's request but that the other members, Mr. Cushman and Walter Mott, had never seen it. In his report Mr. Nugent pointed out the wide variation in grades now employed and said that all cut flower growers and buyers agree on the desirability of standard grades. He proposed that on all roses other than Beauties the standard grades be adopted as follows:

Specials	30 inches and up
Fancy	24 to 30 inches
Extra	18 to 24 inches
No. 1	14 to 18 inches
No. 2	12 inches and under

On Beauties as follows:

Specials	40 inches and up
Fancy	30 to 40 inches
Extra	24 to 30 inches
No. 1	18 to 24 inches
No. 2	12 to 18 inches
No. 3	12 inches and down

Mr. Gude asked why Nos. 1, 2, 3, 4, etc., would not do as well as extra, double extra and extra special!

Several invitations of various sorts were in the hands of the secretary. The only one the society cared to have read was from the Anheuser-Busch Brewing Co. It was referred to the entertainment committee with applause.

A request for the endorsement of G. F. Thompson for appointment as assistant secretary of agriculture was tabled.

A letter was presented from C. S. Sargent, asking subscriptions for the Vilmorin memorial fund. This provoked the liveliest debate of the day, not as to the worthiness of the movement, for that all recognize, but as to the man-

ner of giving. A motion to contribute from the society's funds was thought not to be in keeping with the wishes of the sponsors for the movement and a committee consisting of J. C. Vaughan, Theo. Wirth, A. T. Boddington, Jos. Fuller and Adam Graham was appointed to solicit individual subscriptions. Mr. Gude called attention to the McKinley memorial fund as being equally worthy and more closely identified with our interests.

Otto Koenig spoke on the subject of labor brought up in President Breitmeyer's address and Mr. Scott took the opportunity to say that the address was the most thoughtful ever presented to the society.

Wednesday's Proceedings.

Wednesday morning the convention was nearly an hour late in getting under way. The reports of the several state vice-presidents were presented but not read and Supt. Kuehn's report of the trade exhibition was introduced. The judges were J. F. Sullivan, Edwin Lonsdale and Lewis Ullrich. They made awards as follows:

To Wm. Simpson & Sons, certificate of merit for automobile lawn mower.

A. Rasmussen, honorable mention for balancing sash.

G. M. Garland Co., certificate of merit for device for attaching pipe to purlins.

Herendeen Mfg. Co., boiler highly commended.

Roseville Pottery Co., jardinieres highly commended.

Sperry Mfg. Co., honorable mention for folding plant box.

D. B. Long, certificate of merit for three-color process in printing.

King Construction Co., certificate of merit for truss in roof construction.

C. C. Pollworth Co., glass mender highly commended.

Detroit Pottery Co., certificate of merit for new pot.

A. Dietsch Co., honorable mention for gutter.

Lord & Burnham Co., honorable mention for clamp for attaching sash bars and gutter.

Cahill, Swift Mfg. Co., honorable mention for boiler.

C. A. Kuehn, certificate of merit for wire work.

S. S. Pennock, honorable mention for ribbon novelties.

Reed & Keller, certificate of merit for novelties.

Schloss Bros., honorable mention for ribbon novelties.

M. Rice & Co., honorable mention for several novelties.

Ed. Jansen, honorable mention for novelties.

Lion & Wertheimer, honorable mention for ribbon novelties.

F. R. Pierson Co., silver medal for Tarrytown fern. (This shows one of the inconsistencies of the present method of judging. The committee described this as a "greatly improved Piersoni." Piersoni was given a gold medal two years ago and an equally valuable endorsement last year, yet the form which the committee recognizes as an improvement only gets the silver medal.)

John Scott, silver medal for Nephrolepis exaltata Scottii, which the committee pronounced as of great value.

L. Dupuy, highly commended for Hydrangea Hortensia rosea.

W. F. Kasting, certificate of merit for Adiantum Croweanum.

The Templin Co., certificate of merit for Begonia Templinii.

A. G. Greiner, bronze medal for collection of cacti.

The selection of a place of meeting for 1905 being next in order, W. F. Gude spoke for Washington. There were several seconds and the selection was made unanimously.

E. G. Hill then read his paper, "The Development of an American Type of Roses," which provoked a very interesting discussion. A. Jablonsky urged the necessity of eliminating black spot. Mr. O'Mara said that if we get rid of spot by hybridizing with rugosa we shall get spines. Mr. Hill thought not necessarily. Mr. O'Mara said that J. C. Koch, of Baltimore, still maintains that American Beauty is a seedling raised by him and not of French origin, pointing out the experience of his firm with Dinsmore and Mme. Chas. Wood as an example that such might be the case. He would like to see the society help to prove Beauty of American origin, for it certainly has its highest development and use here. W. R. Smith thought it a good matter to let alone. Mr. Lonsdale asked about the use of Bordeaux mixture on roses out of doors. He advocated vigilance rather than varieties which would take care of themselves. Mr. Hill said Bordeaux is extensively used in nurseries, but apparently healthy plants of some varieties sometimes succumb to black spot in a few hours, and said that the present business in roses is insignificant in comparison with what it would be if we had truly dependable varieties.

Replying to a query by J. A. Valentine, Mr. Hill said that the act of pollinating is simple; that the point is to ripen the seed. Climatic conditions have much effect on pollen, but it is not necessary to use it fresh; it may be stored some time, six weeks or so, if kept carefully in a vial or box, not necessarily air-tight. Mr. Hill used a camel's hair brush or a chewed up splinter of pine to apply the pollen. One year he fer-



Part of the Display of H. Bayersdorfer & Co., Philadelphia, Pa.



General View of the Plant Display.

tilized over 1,500 Brides and Maids and in spite of every care nearly all the hips rotted. The plants have to be kept on the dry side, very carefully syringed and free of red spider. One year 8,000 seeds germinated, almost all; the next year, with equal care only one-fourth germinated. E. D. Smith, Wm. Scott and several others spoke and Mr. Hill was given a hearty vote of thanks.

George Klehm's paper on bulb growing in Illinois was read by the secretary and briefly discussed, after which J. C. Vaughan was introduced to read a paper on "The Ideal Employe." He began by quoting from Hubbard's "letter to Garcia" and closed by quoting his later article to employes, "Get Out or Get in Line." The rest of the address was on that order, the speaker holding that "Do it now" is a truly talismanic motto for those who wish to achieve success. Industry, loyalty and discretion were discussed as essential attributes of the ideal employe, the speaker illustrating, as he said, from his own experience.

The address provoked a very lively and interesting discussion. Benj. Hammond and several others commended it in highest terms and endorsed the theories advanced, but J. A. Valentine took issue with the statement of the essayist that it is the duty of employes to report errors of fellow employes; he said that is "knocking," and all the world hates a "knocker." But Patrick O'Mara brought out the laugh when he said that according to the ideas of Mr. Hubbard, Mr. Vaughan and others, the ideal employe would be deaf, couldn't hear the whistle blow to quit work, and dumb, so he couldn't talk of the business on the outside. He told a story to illustrate the difference in what employers expect from a man, and said that "Like master, like man" applies in this case; where you find the ideal employe, not far do you have to search for the ideal employer. He advised the complainants of the Elbert Hubbard school to put that in their pipes and smoke it. Carmody called for an essay, "The Ideal Employer," at the next convention. Mr. Vaughan was given a hearty vote of thanks.

The visit to the brewery was set for Thursday afternoon.

The matter of procedure in case of no election by the first ballot on Thursday was brought up by W. F. Gude, who had been reading the constitution and found it silent on that point. It provoked a very lively debate, with the consensus of opinion that, should an event ever arise, it would be proper to proceed to a second ballot.

Wm. Scott nominated Lewis Ullrich for president; seconded by F. H. Kramer. Robert Craig nominated J. C. Vaughan, with several seconds.

W. F. Kasting nominated J. R. Freeman, of Washington, for vice president; seconded by G. H. Cook. W. R. Smith nominated J. R. Small, Jr., but it developed that he is not a member of the Washington Florists' Club and was not last year a member of the S. A. F.

J. G. Esler nominated J. F. Sullivan for secretary; seconded by E. G. Hill. Edwin Lonsdale nominated W. J. Stewart; seconded by Mr. Manda.

H. B. Beatty was the only nominee for treasurer.

On roll call the following state vice-presidents were named: California, H. Plath; Colorado, J. A. Valentine; District of Columbia, Peter Bissett; Northern Illinois, P. J. Hauswirth; Indiana, Irwin Bertermann; Iowa, Theo. Ewald; Louisiana, H. Papworth; Maryland, R. Vincent, Jr.; Eastern Massachusetts, W. W. Edgar; Western Michigan, Henry Smith; Northern Michigan, Wm. Weber; Missouri, F. J. Fillmore; Western New York, Geo. McClure; Eastern New York, F. H. Traendly; North Carolina, J. M. Lamb; Northern Ohio, Jas. Eadie; Southern Ohio, H. M. Altick; Pennsylvania, W. T. Bell; Wisconsin, W. A. Kennedy.

Ladies' Day.

Wednesday was ladies' day and a very large number enjoyed the hospitalities provided. In the morning two games were bowled at the Palace alleys, with so many competitors that it was 1:30 before the final pin fell, with Chicago at the head, represented by Mrs. Hauswirth and Mrs. Kreitling. Lunch was served at the alleys. In the afternoon five special cars, decorated, took the ladies and many gentlemen to O'Fallen park, where another luncheon was served, the party returning to town at seven o'clock. Before leaving the park three cheers were given for the St. Louis Florists' Club and three more for the ladies of the club, for every one was delighted at their hospitality. The cheers were proposed by President Breitmeyer and the ladies then gave three cheers for him.

Thursday's Proceedings.

There was a large attendance, the first business being the appointment of Messrs. Elser, Altick and Ammann to conduct the election. The Australian ballot system was used, the polls open two hours.

Secretary Stewart then read J. A. Pettigrew's paper on "The Improvement of Public and Private Grounds." This was warmly received and was endorsed and supplemented by Messrs. W. R. Smith, Scott, Vaughan, Fulmer, and D. D. England of Winnipeg.

The committee on standard sizes of bulbs and cut flowers presented a report signed by E. H. Cushman, F. J. Michell and John Nugent, Jr. In it was incorporated Mr. Nugent's scale for roses presented on Tuesday and referred back to the committee. In addition, the committee reported that the sizes of imported bulbs are too well known to require change. The grading of canna and dahlia roots was deemed impracticable. Grades for gladioli were recommended as follows: Five to seven in-

ches in circumference, four to five, and three to four. Mr. Scott renewed his protest as to impracticability of such grades and the report was tabled.

J. A. Peterson read his paper on "Indoor Blooming Plants" and was given a vote of thanks.

The amendment to the constitution, to provide for sections, was taken up and provoked the liveliest debate of the convention. Opinion was unanimous as to the desirability of the object, but views differed widely as to the practicability of the method proposed. A motion to adopt was declared defeated, but W. R. Smith called for a division which resulted in defeat twenty-two to thirty. Many present not voting.

The question box filled the interim until the result of the election was declared, which was as follows:

For president, J. C. Vaughan, 166; Lewis Ullrich, 99;

For vice-president, J. R. Freeman, 246.

For secretary, J. F. Sullivan, 115; W. J. Stewart, 148.

For treasurer, H. B. Beatty, 257.

The judges of trade display asked leave to correct an error, and amend their report by giving honorable mention to Bayersdorfer & Co. for rainbow baskets.

G. L. Grant, J. L. Dillon and J. F. Sullivan were appointed a committee on final resolutions, and the convention adjourned.

Breitmeyer Gets Diamond.

In recognition of the able and impartial manner in which ex-President Breitmeyer had presided, his friends in the society presented him with a handsome diamond stud.

For Thursday afternoon there was the shooting tournament, the trip to the brewery and the meeting of the carnation society. For Friday, deferred business, addresses by eminent visitors, the garden party at Shaws Garden and a trip to Tower Grove park.

President's Reception.

The president's reception Tuesday evening was under the management of J. J. Beneke. Several hundred people passed the receiving line, after which short entertainment was provided, part professional, the quartette being excellent. J. W. Rodgers, of Cincinnati, sang most acceptably, and Miss Pearl Fulmer, of Des Moines, received a warm welcome. The Koenig family octette also sang and J. J. Beneke appeared in black face, being introduced as St. Louis' Lew Dockstader. He made a great hit. Later in the evening refreshments were served.

THE TRADE EXHIBITION.

The trade exhibits, if they did not occupy quite so much space as at Milwaukee, were just as numerous and of equal diversity and quality. Several of the large plantsmen did not exhibit such quantities of stock as last year; that was the only feature in which the display was not the best in the history of the society. The supply men made very pretentious displays and showed a wealth of novelties of value to the storekeepers. These remarkable exhibits should alone compensate the members of this branch of the craft for attendance. The plant displays were numerous, of uniform high quality, and an opportunity was afforded for the examination of several fine novelties. Scottii was the conspicuous feature among these because of the great size of the exhibit, but the others were by no means overlooked. The building material was less of a feature than usual, partly due to a location away from the main body of exhibits, but a good showing was made nevertheless. Supt. Kuehn is entitled to praise for the able way in which he handled the exhibition. Nearly every exhibit was in place Monday evening and the arrangement left no room for criticism. Following are the exhibitors, with very brief mention of their wares:

S. S. Pennock, Philadelphia, made a very large display of ribbons, including all grades and colorings, and many novelties in ties, etc., also crepe papers, sheaves and other supplies.

Ed. Jansen, New York, showed a fine line of baskets, roping, wreaths, etc.

Hummel & Downing Co., Milwaukee, had an exhibit of paper boxes.

D. B. Long, Buffalo, had his various specialties.

C. S. Ford, Philadelphia, had a line of letters, bells and staple supplies.

Lion & Wertheimer, New York, made a fine display of ribbons and ties, requiring a large space. They showed several good novelties.

Reed & Keller, New York, made their usual very large showing of bells, baskets, vases, staple supplies and novelties, a number of the latter of the kind that catch on. They also had a big lot of wire work showing new ideas.

The J. W. Sefton Co., Chicago, had a large line of paper boxes.

Schloss Bros., New York, had an excellent display of ribbons, including some new effects and some novelties in showers and ties.

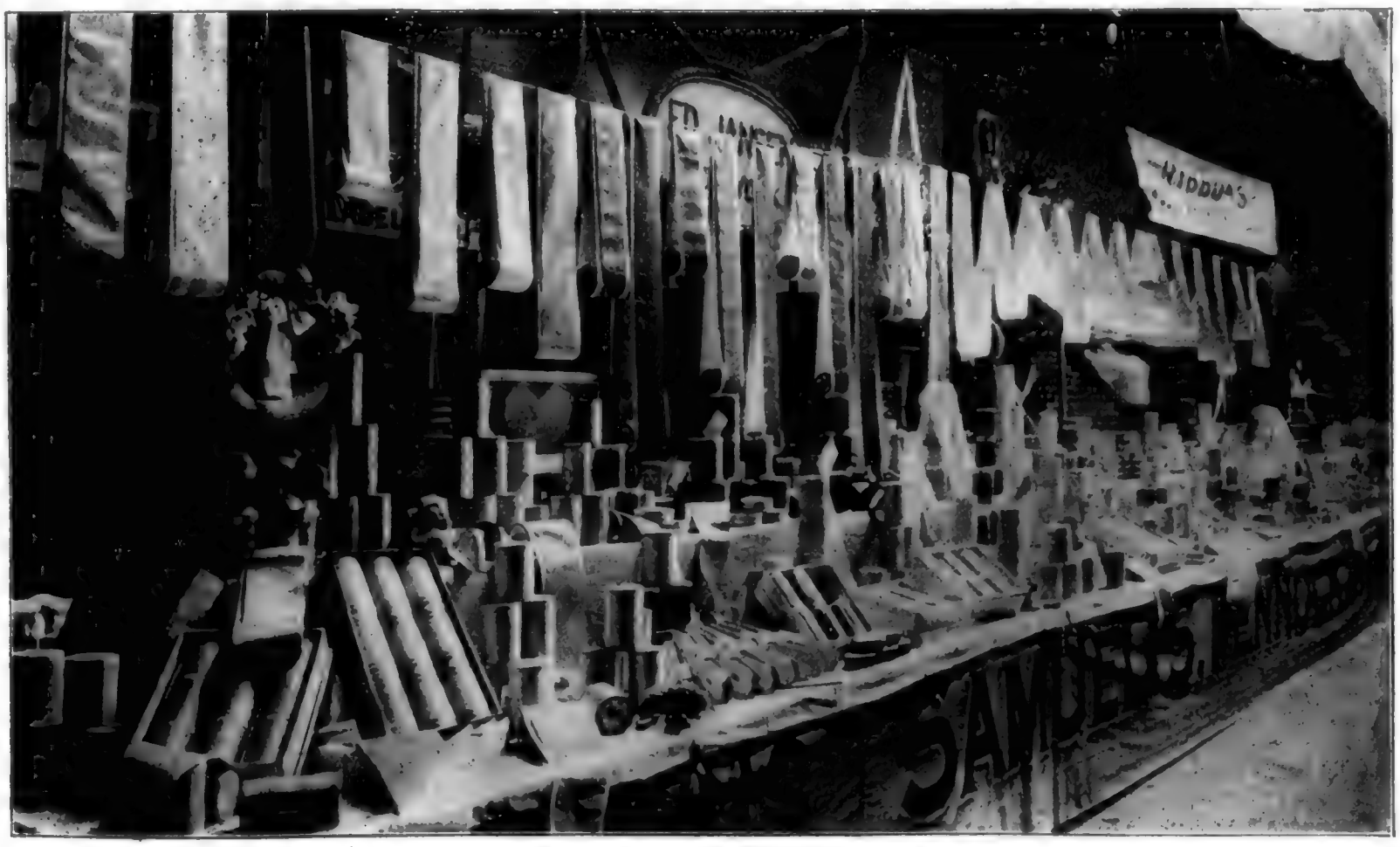
The Roseville Pottery Co., Zanesville, O., staged a large line of jardinieres and pedestals.

Kift's flower vases, from Philadelphia, were shown by Robt. Kift.

Adolph Brix, St. Louis, showed artificial goods and baskets, representing Anton Weber, Austria.

Lord's frost-proof plant shipping box was shown by the Sperry Mfg. Co., Owatonna, Minn.

M. Rice & Co., Philadelphia, occupied 1,200 square feet of space and Mr. Eschner had three assistants in handling their very complete line. Besides all the staples in supplies and ribbons they had a large number of novelties. A bridal arch, gates and kneeling stool was a feature. Bay trees of ruscus were noted. Among the useful things in the ribbon department was what is called Empress silk ribbon, for tying pot covers and



Display of S. S. Pennock, Philadelphia, Pa.



Display of Lion & Wertheimer, New York.

many other purposes. There were also many new pot covers, screens, etc.

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The H. A. Dreer Co., Philadelphia, made a very large display of plants, showing samples of all sizes up to 10-foot specimen kentias. Not only were the large sizes well shown, but the great variety of stock for growing on also occupied considerable space. The plant food and glazing point occupied a table.

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BY E. G. HILL, RICHMOND, IND.

[Read before the Society of American Florists at St. Louis, August 17, 1904.]

By the question implied in the topic assigned me by the executive committee of this society, "The Development of an American Type of Roses," we may infer that there is need of largely supplementing our present list of roses as grown in this country. Nothing can be truer than that the general rose grower feels this need and it is to the careful hybridist and the persevering raiser of seedling roses suited to our climate, that we must look for this supplemental list.

We need roses that will bloom in our grounds and gardens during the summer and autumn. Climatic conditions vary so greatly in our country that it would seem necessary that several types should be brought out, adapted to the various conditions and requirements of the different sections.

The Pacific Coast Supplied.

It may be remarked in passing that California and the Pacific coast states have an ample source of supply for all practical purposes in the fine productions of the rosarians of England and the continent of Europe. The varieties that succeed and flourish in the sections named do remarkably well, also, in the South Atlantic and Gulf states, hence an effort to originate a new type for these particular localities would seem an unnecessary undertaking, although there can, and will, be improvements over such sorts as now lend charm and beauty to the homes and gardens of the sections named above. Some fine additions have been made the past few years, but it will be a long time before such grand old sorts as Ophirie, Lamarque, Solfaterre, Reine Marie Henriette and Mme. Alfred Carriere are supplanted as climbers in the Pacific section, to say nothing of the large number of grand bush varieties which flourish with such vigor and produce such quantities of flowers.

The European rose hybridist, assisted by a kind Providence, has placed at the disposal of the states of Washington and Oregon, all that could be desired in the way of fine roses; no section of Europe produces finer hybrid perpetuals and hybrid teas than do these two states.

If you would see Xavier Olibo, Louis Van Houtte, Ulrich Brunner and other choicest hybrid perpetuals, together with a sight of the finest La France that soil can produce—then go to the Lewis & Clark Exposition a year hence, in Portland, Oregon. I am sure that you will not be disappointed.

Essentials of an American Type.

That we need a new type of rose for the section north of Virginia and Tennessee calls for no argument whatever. One of the first requirements of the type is a vigor of constitution that will withstand the ravages of black-spot, or fungus, which is the first cause for failure in our efforts to grow roses successfully in the northern section of our country. A few varieties succeed, but only a very few thrive and bloom as they should; there are a limited number of favored localities where roses do very well in the north, but they are few and very far between.

The second requirement is a resistant texture of bloom, stronger than that possessed by most of the hybrid perpetuals, hybrid teas, and teas.

It is well settled in your essayist's mind that the two qualities mentioned above are absolutely necessary to the new type that we are seeking, if it is to be of sterling value, and with these must be united the third quality, a hardiness which will take it uninjured through our rigorous winters.

The Method of Procedure.

How shall we proceed in order to secure a disease-resisting rose, with substantial texture of petal in its flowers, that shall withstand the fierce onslaught of the sun in our hot, dry climate and possessing a degree of hardiness that will insure life through our severe winters? This is the problem before us.

At first glance it would seem an impossible undertaking, for where shall we turn for the blood to so reinvigorate our standard roses, and who among us will undertake to devote time and service and brain to an undertaking of such doubtful remuneration and yet so laudable?

Or will the lovers of roses continue to be satisfied with the partial success achieved by using present varieties and by various expedients producing a more or less artificial result, not at all adequate to the expense and labor bestowed.

Rugosa the Vigorous Blood.

There are a number of distinct species of roses that should, and no doubt will, be tried for this particular line of hybridizing. First I would name Rosa rogusa. While this species might not



Group of Nephrolepis Scottii, Shown by John Scott, Brooklyn, N. Y.



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It is well settled in your essayist's mind that the two qualities mentioned above are absolutely necessary to the new type that we are seeking, if it is to be of sterling value, and with these must be united the third quality, a hardiness which will take it unin[jured] through our rigorous winters.

The Method of Procedure.

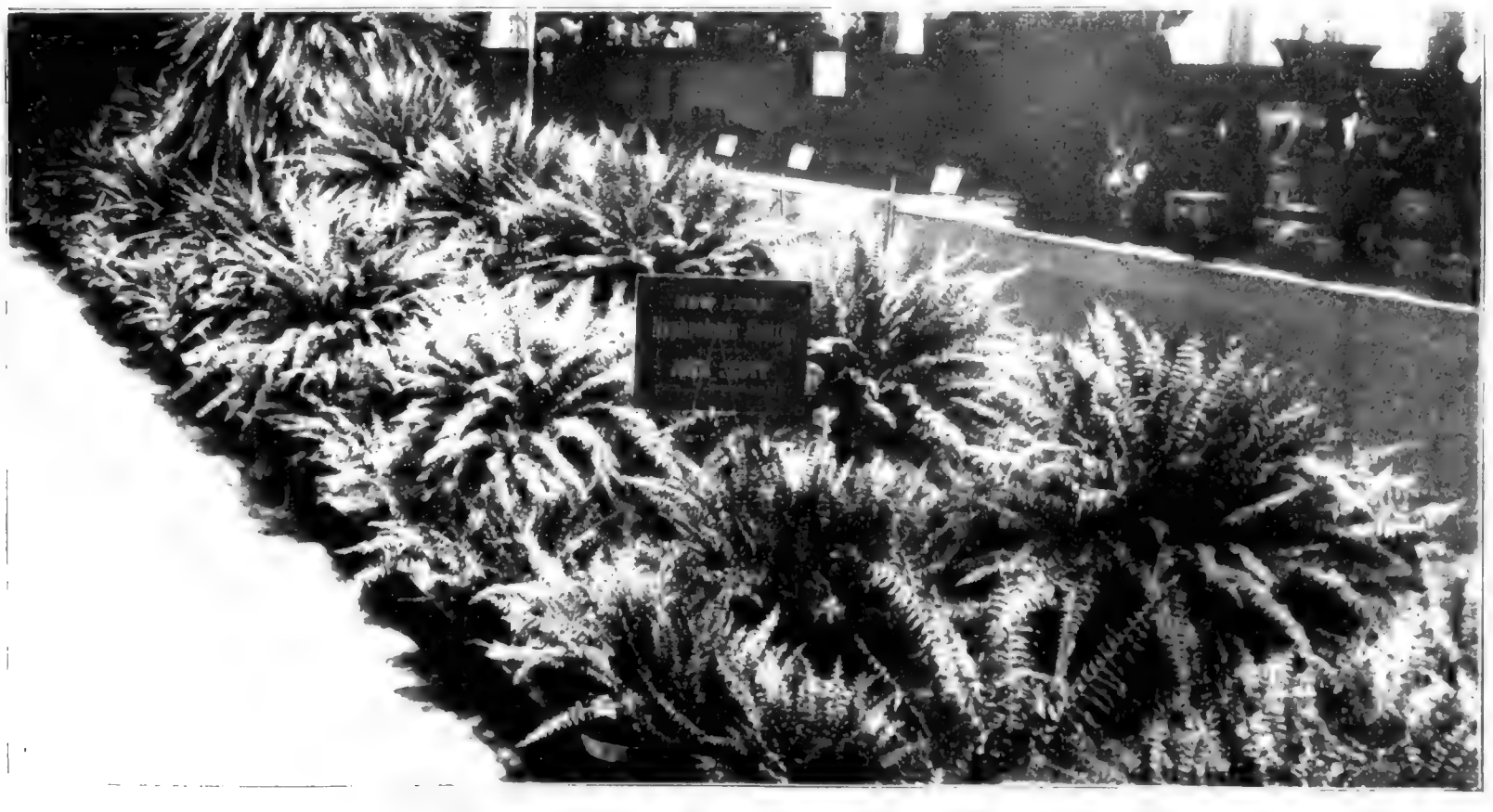
How shall we proceed in order to secure a disease-resisting rose, with substantial texture of petal in its flower that shall withstand the fierce slaught of the sun in our hot, dry mate and possessing a degree of hardiness that will insure life through severe winters? This is the problem before us.

At first glance it would seem an impossible undertaking, for where shall we turn for the blood to so reinvigorate our standard roses, and who among us will undertake to devote time and service and brain to an undertaking of such doubtful remuneration and yet so laudable?

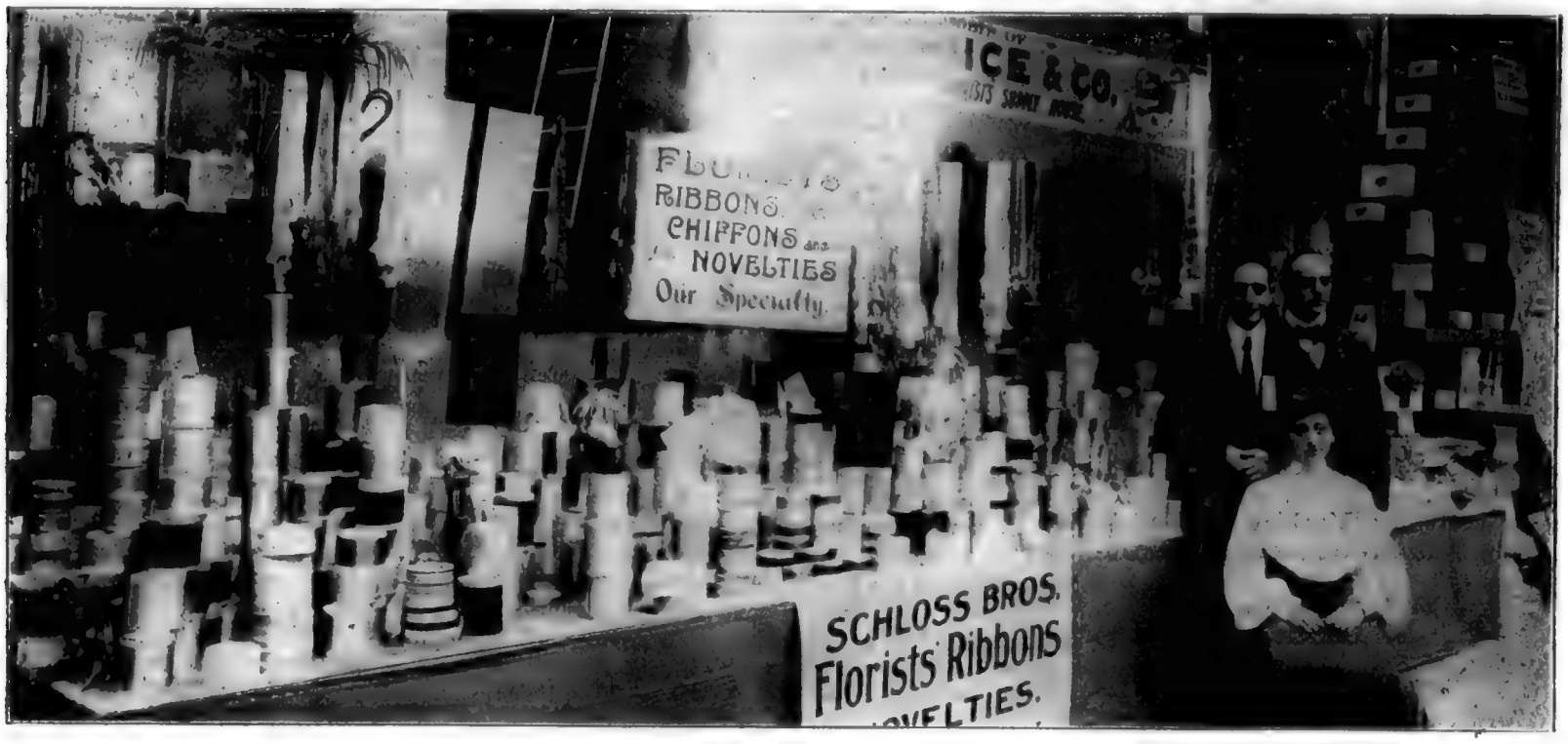
Or will the lovers of roses continue to be satisfied with the partial success achieved by using present varieties by various expedients protecting a more or less artificial result, not at all adequate to the expense and labor bestowed?

Rugosa the Vigorous Blood.

There are a number of distinct species of roses that should, and no doubt will, be tried for this particular line of hybridizing. First I would name R. rugosa. While this species might



Group of Nephrolepis Scottii, Shown by John Scott, Brooklyn, N. Y.



Display of Schloss Bros., New York.

give us texture of bloom, there could be no doubt but that its offspring would have disease-resisting foliage and a probability of hardiness sufficient to withstand our winters. This should be tried persistently, using pollen from our best hybrid perpetuals, hybrid teas and teas, using the rugosa as the seed-bearing plant, and, while it would require a long line of crossing and crossing back, I have little doubt but that from this source can finally be secured our coveted type, which would supply our northern gardens with an ideal rose.

Bruant, Cochet, Muller, Wintzer and others have made a start in this direction. We have Bruant's cross between R. rugosa and Niphetos, named Mme. Georges Bruant. This variety has the lengthened bud of Niphetos, showing distinctly the influence of the tea variety.

Blanc double de Coubert is a charming shrub for lawn decoration and a most promising subject for cross-fertilization. Conrad F. Meyer is a variety to which has been transmitted much of the fullness and color of the male parent, which is said to be Gloire de Dijon. Atropurpurea, one of Geo. Paul's hybrid rugosas, will furnish the dark tints in any color scheme devised or planned. Sir Thomas Lipton, an American hybrid introduced by Conard & Jones Co., is said to possess many excellent characteristics.

I mention the above believing them to be the most useful of the rugosa hybrids and having made the most distinct breaks from rugosa proper. Other rugosa hybrids are Philemon Cochet, Alice Aldrich, Belle Poitevine, Mme. Worth, Calocarpa, Rose Apples, Chedane Guinnoiseau, Christopher Cochet and Pierre Leperdrieux, and these are not all. They are enumerated to show what has been done with this type and as a reminder that the hybridist need not go back to the original but can use some of the fine breaks already made.

Immunity from Disease.

I wish to reiterate the previous statement, that I firmly believe that immunity from the disease known as blackspot must come through an infusion of rugosa blood, and I would further state that your essayist is not speaking from practical experience in the matter of crossing the present popular varieties of roses with the rugosas, as his efforts have been more largely made in trying to secure new sorts suitable for forcing under glass.

Other species of roses may offer as fruitful a field for the hybridist as the rugosa, and why not try what can be done with our native American species? The climbing Prairie types were secured from this source, and they certainly possess hardiness in connection with a fair amount of fullness, two distinct qualities essential to the new type.

Wichuraiana and Crimson Rambler.

American hybridists have given us many charming Wichuraiana crosses and fine results have crowned the efforts of Messrs. Van Fleet, Manda, Walsh, Perkins and Dawson. The serious question often propounded is, are they hardy? Sometimes they winter perfectly and again an occasional season finds them killed back severely. Your essayist has not had long enough experience with outdoor-grown stock of Dorothy Perkins, Farquhar, W. C. Egan, Manda's Triumph and other Wichuraiana crosses to speak with certainty as to their hardiness, but he believes that it is affirmed of them by their raisers.

Crimson Rambler is at once the most unique and the most satisfactory rose grown in the northern half of our country. No other rose can dispute with it the right to a first place in general popularity with the American people, for porch and pillar purposes. The wide dissemination of the rose, its tremendous sale the present season and the prospective demand for future planting, exceeds that of any other rose introduced into American gardens.

Experiments at Richmond with this variety tend to strengthen the opinion that a few years will give us white, blush and intermediate shades in this particular interesting rose. To be sure, we have had Aglia, Thalia and Euphrosyne, but between these and Turner's Crimson Rambler there is a wide difference of character.

Years of Work Needed.

To secure the new type of garden rose outlined will necessitate careful, painstaking labor extending over a long period of time. A year or two will not bring it to us. It has taken a full third of a century to bring the hybrid tea to its present stage of development. It is a long stride from Antoine Verdier, Mlle. Bonnaire and La France to the family as it is composed today. It might be mentioned in passing that the three varieties named above were the result of accidental insect pollination. The evolution of the hybrid tea class is mentioned simply to show that time and patience are prime factors in creating and perfecting a new type.

We, the members of this society, might earnestly question as to how we can best aid in a consummation so earnestly desired, so necessary to the widening popularity of the rose in our American gardens. Enthusiastic personal effort must be the groundwork of the movement, which may be encouraged by the award of the society's medal to meritorious seedlings whose constitution and texture of bloom make them desirable additions to our outdoor roses. As indicated previously, the efforts at Richmond have all been made in the interest of winter blooming sorts and, while this has been the aim, several very promising varieties other than forcing sorts have been produced which are now being tested as garden varieties.

A Case of Dereliction.

The florists of America have been notoriously lax as a profession in their efforts to improve the rose, nearly all our finest varieties being of foreign origin and, while we may rightly covet the honor of producing something fine and grand, we have been exceedingly blameworthy in sanctioning the act which robbed an eminent French rosarian of his honors, when we allowed the renaming of Mme. Ferdinand Jamain, calling it American Beauty.

We have the genius and the talent to produce an American type of rose if our members will but apply themselves to the task at hand. Shall we attempt this work or shall we go on in the old way, trusting to luck and to the products of foreign skill to supply us with roses suitable for our own gardens and homes?

AMERICAN BULB GROWING.

BY GEORGE KLEHM, ARLINGTON HEIGHTS, ILL.

[Read before the Society of American Florists at St. Louis, August 17, 1904.]

Our experience in the cultivation of bulbs on a moderate scale at Arlington Heights, Ill., began in 1885, with the ordinary kinds of tulips which are used for forcing purposes, together with about half a dozen kinds of narcissus.

We selected a low, well drained, deep black loam for the purpose. The ground was heavily manured in April with the ordinary manure from the horses and cows, deeply plowed and kept cultivated during the summer, until the middle of August, when planting commenced, and by the first of September was finished. In the beginning we grew everything in long rows fifteen inches apart, and bulbs of the first size were spaced three inches. Afterward we changed to growing in beds four feet wide with rows nine inches apart and spaced three inches, that is, for the first size. The stock was graded into firsts, seconds and thirds. The average depth when planted would be three inches to the top of the bulb. Just before Thanksgiving day a mulching of short manure, three inches thick, was spread evenly over the whole surface, about a third of which was removed in the first week of April.

The flowers were all removed just before opening, care being taken to leave the stems as long as possible. The growth was encouraged and maintained so as to ripen the bulbs thoroughly before digging. Some kinds, such as Artus, Duc Van Thol, La Reine and Pottebakker, occasionally suffered in the hot spells of weather which often happen in early May, while such kinds as Kaizerskroon, Cottage Maid and Yellow Prince were not in the least affected. Neither were the Parrots, Gloria Solis, Gesneriana, or the other species we grew. After digging, the bulbs were put in trays about three inches thick and placed in an open shed until dry, when they were cleaned, graded and placed in dark storage till planting time.

As regards the size and quality of the bulbs, compared with those imported, the majority of the varieties did not produce as large bulbs, but in the earliness and ease of forcing the size of the flower and length of the stem when grown under the same conditions, but little if any differences were observable. Our crops of bulbs for several years averaged more than 100,000.

Of the narcissus we grew the double varieties, as Von Sion, Orange and Sulphur Phœnix and Poeticus. Of the single, Bicolor, Tenby, early and late Poeticus and jonquils. These were given about the same treatment as the tulips, except that as a rule they were not taken out of the soil until about the first of July, when the largest bulbs were selected for forcing and the smaller ones were planted after the tulips. For some years we grew quantities of Von Sion and the single poeticus for cutting out of doors. Some years they were profitable enough; other years they did not more than clear expenses.

We have been growing lily of the valley extensively for ten years. They are planted in heavily manured ground, as soon as the spring opens, in rows two feet apart and the pips are spaced two inches. They are cultivated and kept free from weeds for three seasons and heavily mulched with manure each fall about the first of December. As soon as the foliage ripens, or after the first frost, about the first of October, they are plowed out about five inches deep and shaken out with forks, then carted into a shed open on all sides, but with a tight roof. After lying thinly for a few days, they are turned over and afterwards sorted into first size for forcing, and second and third for planting. Our first planting for forcing commences the first of December, when we have our first crop of flowers at Christmas. And, contrary to newly imported pips, those of our own growing give abundant foliage at all times, and the quality of the flowers, both in size and substance and the number of bells, far surpass any imported. The price realized is on an average one-third more, and sometimes one-half more, than can be obtained for the general kind of lily of the valley.

We have discontinued the growing of tulips and narcissi for several reasons. The demand for flowers from forced bulbs has materially decreased during the last eight years and the decrease in prices consequently followed. The rapid increase of our nursery business demands all our attention. The price of labor, together with the difficulty in obtaining that of reliability, are the principal reasons for our not continuing the work. We are satisfied, however, that where suitable land can be had and where manure and labor can be readily obtained, tulips and narcissi can be made to yield a moderate profit.

THE IDEAL EMPLOYE.

We regret very much that we are not able to present the very interesting essay, "The Ideal Employe," not having received same, although a copy was requested.

INDOOR BLOOMING PLANTS.

BY J. A. PETERSON, CINCINNATI, OHIO.

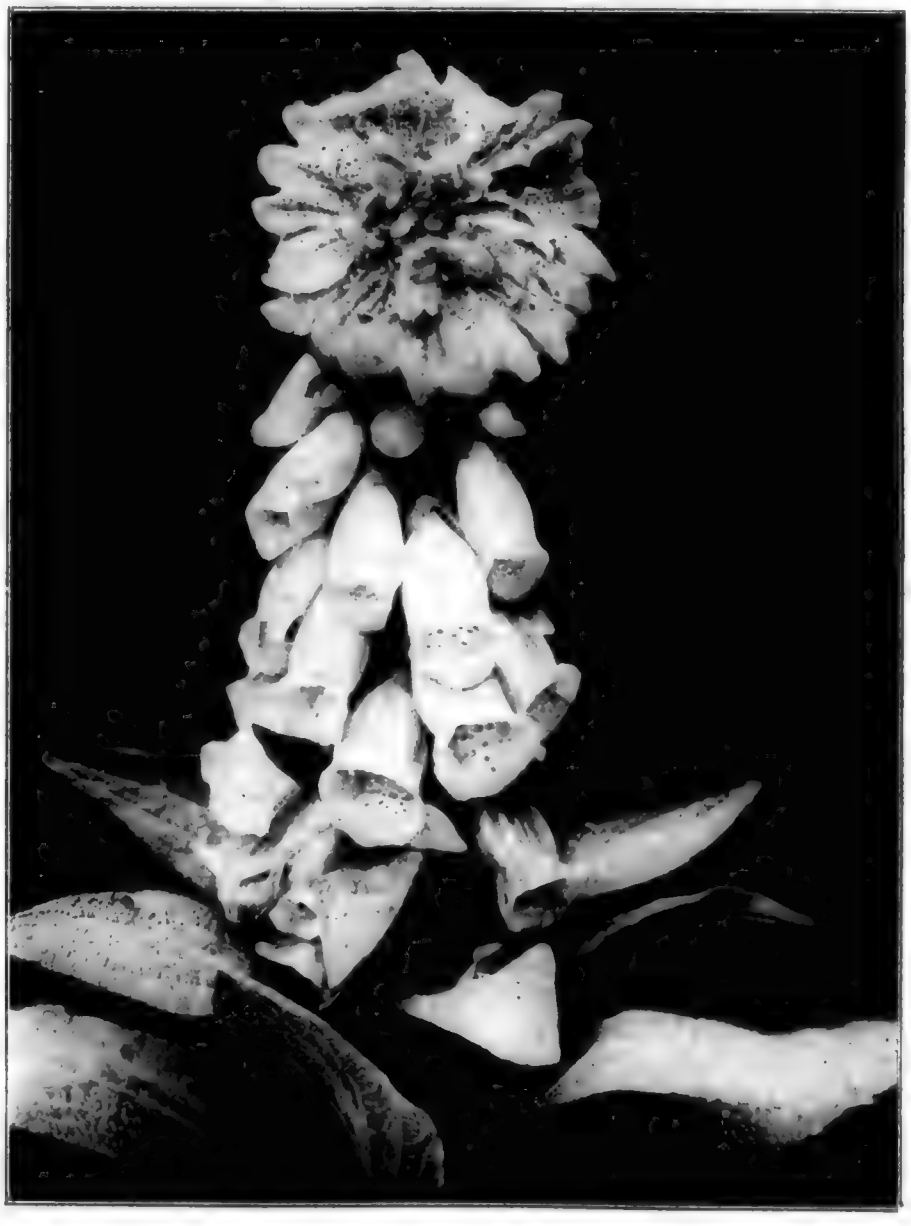
[Read before the Society of American Florists at St. Louis, August 18, 1904.]

The subject assigned to me is indeed a very exhaustive one, to which I do not feel able to do justice before such an intelligent body as the Society of American Florists and Ornamental Horticulturists. I will therefore confine myself to a few plants, of which I make a specialty, and which I hope will be acceptable. And first on my list, because of its popularity, I will place Hydrangea Otaksa.

Hydrangea Otaksa.

This is, perhaps, next to the Easter lily, one of the most popular as well as one of the most profitable plants grown for the Easter trade. Outside of being an enormous water-drinker, it is of very easy culture. As a decorative plant it has few equals; as an outdoor decorative plant, and for porches, it lasts longer in bloom and gives better satisfaction than any other flowering plant.

Plants for forcing, to be most successful, if you desire fine specimens, should be grown in pots. Propagate from the young, soft, side shoots, or those that come from the bottom of the plant, as early as January, February or March. They may also be propagated later in the season, as late as June or July, if you desire single plants with only one bloom. More bushy plants are, however, preferable, as your customers will seldom be



A Malformed Spike of Digitalis Purpurea.

(Monstrosities are common in this genus, but seldom is a freak so well pictured.)



Chas. A. Juengel, President-Elect St. Louis Florists' Club.

satisfied with one large bloom, but will prefer the more shapely plants. As to culture, insert the cuttings in the sand, press firmly, syringe freely and shade from the direct rays of the sun. A temperature of 60 degrees Fahrenheit should be maintained. They should remain in the sand about three weeks, to become strongly rooted, then pot into 3-inch pots; use a light sandy loam; place in a light, cool house, near the glass, 50 to 55 degrees at night; shade for a few days; as soon as established remove the shade. They may remain here till about the 1st of May.

To make large plants in one season, from cuttings, put three plants in a 5-inch pot or five plants in a 6-inch pot. These may now be plunged outdoors in the full sun, where they will grow slowly, as a sturdy, dwarf plant is what is most desired. As late as July 1 you may pinch them back. This will produce several shoots, all of which should be removed, except two to each plant; you will then have six shoots in a 5-inch pot or ten shoots in a 6-inch pot. Remove all other growth. Give water as required during the summer months. By the 1st of September these plants may be repotted, the 5-inch to 7-inch pots, the 6-inch to 8-inch pots, and again plunged outdoors in the full sun. Use a good, strong loam, three parts loam to one part sand, and two parts old rotted cow manure. Pot firmly.

By October you will have nice plants from five to six inches high. At this period water should be gradually withheld, so as to ripen the wood, for if they are not properly ripened you cannot expect good results. As soon as danger of frost comes, remove to a cool house or frame and water sparingly. If you can allow your plants a slight frost they will be greatly benefited by same, but here one must be careful not to freeze too hard. Also, if frozen, protect from the sun; syringe overhead to remove the ice formed. This is, however, a dangerous practice for inexperienced hands.

From now on give very little or no water except when flagging. This is the time to put away in winter quarters. A cool frame, a cool house or under the bench in a violet house will do. Here they may rest until wanted for forcing. As Easter comes late this coming year, namely, April 23, it will be time enough to start the forcing after Christmas; the first week in January will do. Start the plants by giving them a good watering; syringe frequently and then allow them to stand until they are fairly dry again. A temperature of 55 degrees will do for the first two or three weeks; then you may increase the temperature to 55 or 60 degrees at night. Give plenty of ventilation as required, but no draught, as the growth will be very soft and tender. Remove all side shoots and those that come from the bottom. These may be used as cuttings. Remember that only the terminal shoots will flower with any degree of certainty. As the plants grow stronger they should have plenty of room. When they have made the fourth pair of leaves you can begin to see the embryo buds; this will take about six weeks. From this time on plenty of water should be given, all they will drink, and that is a great deal. As soon as the flowers begin to develop and show color a watering with manure-water twice a week will be greatly beneficial. The latter part of March they will begin to show color. This is the time to increase the ventilation, night and day, and keep them cool to harden them. Water freely, also give a very light shade on the glass to keep the flowers from burning.

Hydrangeas grown as above described will need no stakes and, as these are unsightly in any plant, their use should be avoided as much as possible. If plants are wanted for May and June, for porch and outdoor garden decoration, they should be kept dormant in a cool place and started on only as required. If a blue hydrangea is desired, use iron filings mixed with the soil, about a small handful to an 8-inch pot; also watering with alum dissolved in water will be found to produce the desired result.

Begonia Gloire de Lorraine.

I now wish to call your attention to another highly decorative plant, which, in my estimation, stands without a peer, the incomparable Begonia Gloire de Lorraine. This begonia, by far the most useful and truly magnificent of all begonias, is a hybrid between Begonia Socotrana and B. Dregei. It was raised by that celebrated horticulturist, M. Lemoine, of Nancy, France.

To derive the best results this plant should be propagated from leaf-cuttings. Select only good, mature leaves. Take the leaf, including the stalk, and insert the latter about one-half its length in the sand-bed; press firmly. By all means do not let the leaf rest flat on the sand, as they damp easily. This operation should be done carefully. Water sparingly only on bright days. If possible, a temperature of from 65 to 70 degrees Fahrenheit should be maintained in the sand-bed at all times. In about eight weeks the leaves should be sufficiently rooted to be potted into 2-inch pots.

The small "corms" that form at the base of the leaves should also appear. Take care not to break or otherwise injure these in potting, as they form the foundation of the future plant.

For the first potting use equal parts of loam and sand. After potting place in a rather dry house, close to the glass, where a light shade should be given. Watering should be done very sparingly from now on by watering each plant separately and only when very dry. Keep rather on the dry side than too wet. Also, deep potting should be avoided.

They may remain in 2-inch pots from January and February, the time of potting, until June, at which time you should have nice little stuff, with from three to five shoots, if propagated from leaf-cuttings. Then your trouble is all over. Repot directly into 4-inch pots and from now on they will continue to grow rapidly; more water may also be given, as needed. More shoots will also appear from the bottom of the plants as they grow stronger. Place in a cool, airy house, ventilating top and bottom; also well shaded at this time of the year. A good plan is to put a few tobacco stems between the pots, as a preventive of green aphis. Water may now be given

more freely, as you can almost see the plants growing.

About August 15 to September 1 the final repotting will be in order. For compost use three parts good, turfy loam, two parts sand and one part very old manure. Use 6-inch or 7-inch azalea pots, according to the size of your plants. One plant is sufficient for each pot, if you have plants propagated from leaf cuttings.

I will here say that this plant can also be propagated easily from cuttings during May, June and July, but these will not make as fine, sturdy plants as the above method. They will, however, make nice little plants for 3-inch pots for the holidays, suitable for jardinieres or table decoration. If large plants are desired from cuttings you will have to put from five to eight plants in a 6-inch or 7-inch pot in order to be properly furnished. Then, again, one plant in a pot always looks better than where a lot are massed together.

During the summer the plants should be pinched back, each shoot to two or three joints, so as to form shapely plants. This should be discontinued after August. In pinching this way you not only have no flowers during summer, but you also insure a stronger growth. About September 1 they are ready for tying. This may be done by using one stake in the center of the plant, looping each shoot loosely to same with raffia. This should be done as often as required. By November 1 the first blooms will appear. These should be removed if you desire a lot for late flowering.

Begonia Gloire de Lorraine is not only useful as a single specimen but it may also be used very effectively in table decorations. Small plants in 3-inch pots are very effective for this purpose. It is also very useful for floral designs. Let me say that Begonia Gloire de Lorraine is a plant that has come to stay.

Begonia Turnford Hall, a white variety with a pleasing shade of delicate pink, as in the appleblossom, is a sport of Begonia Gloire de Lorraine which appeared a short time ago in the London markets. It gives promise of being a grand companion to Gloire de Lorraine and will be quite as useful as its parent. It will, in all probability, be in the market next season.

Other Good Subjects.

Among desirable plants for indoor culture I would also mention Azalea Indica, with its bright and delicate shades of pink, white and red, which can be had in flower from Christmas till Easter. Poinsettia pulcherrima, with its dazzling scarlet bracts, is especially useful for Christmas decorations. Euphorbia Jacquiniæflora has exceedingly pretty racemes of orange-colored flowers.

Primula obconica and its newer hybrids, from white to dark pink, and fringed, is also very pretty, of easy culture and gives great satisfaction. Cyclamens, in white, pink and scarlet, also the newer fringed types called Papilio, on account of their butterfly appearance, are among the most useful and satisfactory. Lilium Harrisii and L. longiflorum no commercial florist can do without, as they are equally desirable for all decorative purposes.

Other plants of special merit I would like to mention are primulas, calceolarias, cinerarias, acacias, ericas, epacris, epiphyllum, dendrobium, cattleyas, odontoglossums, phalænopsis—in fact, this list might be extended indefinitely, as there are so many beautiful and desirable plants that could be considered under this subject, "Indoor Flowering Plants."

Bowling.

Chicago gets the Kasting championship cup for this year; also the Anheuser-Busch cups which become their property; also the Beatty cup which must be won twice, and silver match safes for each member of the team from Beatty.

St. Louis wins the Harry Balsley silver pitcher for second highest total; also five watch fobs for individual members.

Cleveland gets five steins from Holton & Hunkel Co., for third highest total.

For the ladies the silver vase for highest total went to Mrs. Hauswirth, the cut glass bowl to Mrs. Kreitling.

The championship medal for men was won by James Stevens of the Chicago team.

There were numerous other prizes;

The Scores.

CHICAGO.

	1st.	2d.	3d.	Totals.
Stevens	204	186	181	571
Scott	136	142	145	423
Asmus	116	141	156	413
Balluff	179	144	137	460
F. Stollery	166	146	171	483
	801	759	790	2350

ST. LOUIS.

	1st.	2d.	3d.	Totals.
Beneke	162	158	142	462
Kuehn	121	145	145	411
Miller	155	120	125	400
Beyer	158	148	146	452
Ellison	165	155	159	479
	761	726	717	2204



House of Made-up Kentias at C. D. Ball's, Holmesburg, Pa.



Areca Lutescens in 10-inch Pots at C. D. Ball's, Holmesburg, Pa.

NEW YORK.

	1st.	2d.	3d.	Totals.
P. O'Mara	152	159	145	456
A. J. Guttman	127	117	153	397
F. H. Traendly	119	127	116	362
J. A. Manda	109	135	118	362
Theo. Long	169	177	167	513
	676	715	699	2090

CLEVELAND.

	1st.	2d.	3d.	Totals.
W. Stade	134	171	151	456
H. Kunz	127	137	130	394
A. Graham	142	126	132	400
B. Hart	96	136	110	342
C. Graham	180	196	170	546
	679	766	693	2138

PHILADELPHIA.

	1st.	2d.	3d.	Totals.
R. Kift	109	124	130	363
Wm. Gibson	143	138	143	424
F. Adelberger	140	134	161	435
G. Craig	128	110	111	349
D. Connor	124	165	181	470
	644	671	726	2041

DETROIT.

	1st.	2d.	3d.	Totals.
N. Sullivan	157	125	152	434
B. Watson	154	203	112	469
F. Breitmeyer	115	179	141	435
Wm. Dilger	93	88	92	273
J. F. Sullivan	119	90	118	327
	638	685	615	1938



Cattleya Gigas.
(Specimen Exhibited at Newport, R. I., by Lager & Hurrell, Summit, N. J.)

WASHINGTON.

	1st.	2d.	3d.	Totals.
Cooke	151	163	136	450
Barry	153	149	147	449
McLeuvan	159	157	163	479
Gude	106	92	112	310
Shaffer	112	101	142	355
	681	662	700	2043

MILWAUKEE.

	1st.	2d.	3d.	Totals.
F. Holton	149	148	154	451
Edlefsen	116	156	129	401
Kennedy	121	150	156	427
Klokner	125	116	139	380
Pollworth	141	141	147	429
	652	711	725	2088

INDIVIDUALS.

	1st.	2d.	3d.	Totals.
L. Henderson	123	131	116	370
J. S. Wilson	98	166	136	401
Fillmore	80	82	134	296
Hadkinson	127	142	147	416
Schray	115	120	153	388
E. C. Loeffler	104	142	128	374
J. Degnan	169	121	154	444
O. J. Olsen	153	133	122	408
F. Wade	45	76	46	167
Retinhoefer	67	111	97	275
F. Ellis	122	132	125	379
F. Weber, Jr.	120	126	128	374
W. Billingsley	180	95	130	405
F. S. Schmeling	109	97	135	341
J. Scott	95	144	124	363
McClure	155	170	123	448
Seybold	150	158	149	457
Langren	82	85	86	253
McKeller	122	126	84	832
Mesuhr	88	120	110	318
Rasmussen	131	87	80	298
Hansen	76	61	80	217
Juengel	77	72	91	240
Clausen	142	99	81	322
H. Cook	67	65	64	196
J. Steidel	126	103	111	340
W. J. Vesey, Jr.	114	134	105	353
H. M. Altick	113	124	97	334
F. H. Meinhardt	115	130	113	358
A. Zender	113	116	110	383
J. F. Wilcox	105	172	151	428
Phil. Foley	93	76	70	250
Wm. Scott	170	137	124	431
W. F. Kasting	117	150	159	426
Roy Wilcox	153	128	138	419
C. Ussing	43	108	105	256
Papworth	78	140	78	288
Sanders	131	117	156	404
J. W. Rodgers	112	95	113	320
J. A. Valentine	106	131	139	376
H. Balsley	92	124	85	301
Evans	88	125	112	325
Shaw	156	97	134	387

BOSTON.

The Market.

Business has been quite good during the past week, flowers generally clearing out well. Some very nice American Beauties are coming in, prices varying from $6 to $16 per 100. Carnots and Kaiserins clean out well. Brides and Bridesmaids continue rather poor. Carnations of decent quality sell at $2. The supply of outdoor blooms continues small. Asters are not of very good quality. Good whites bring 75 cents to $1, colored ones also selling quite well. Sweet peas are coming badly spotted and are practically over for the season. Gladioli continue in fair supply. Lilium speciosum album sells at $3 to $4 per 100, Lilium auratum averaging about $6. Prices of fern and asparagus remain about the same. A decided scarcity of white flowers seems likely until carnations and chrysanthemums come in.

Various Notes.

The Gardeners' and Florists' Club outing will be held at Nahant, on August 25. The journey will be made by steamer and a shore dinner with all the "fixins" will be one of the attractions.

None of our florists seemed to pluck up enthusiasm enough to essay the journey to St. Louis. Too busy at home and too hot at St. Louis seemed to be the causes. We are sorry the worthy secretary of the S. A. F. O. H. had no delegation to accompany him.

Worcester Conservatories are sending in some very nice Beauties to our market at present.

Boston is crowded with visitors this week with the annual G. A. R. encampment and the city is gayly decorated. Some of the decorations in the public gardens are in exceedingly bad taste, while some of the bedding out is sufficient to give one the nightmare, but most of the visitors seem pleased with the same.

Continuous rains in the form of thunder showers is causing carnations not housed to spot badly.

The management of the Flower Market posted "To Let" notices the past week in the stalls of members who were in arrears for rent and premiums. Money poured freely into the treasury as a consequence.

Kenneth Finlayson is out again after a long and painful illness.

E. N. Peirce, of Waverly, came from Maine to attend the G. A. R. Encampment this week.

Henry Hurrell, of Lager & Hurrell, made us a brief call last week. He reported orchid business as first-class.

A. T. Boddington has also been doing Boston and vicinity.

W. N. Craig.

ST. PAUL.

Dear Review:—

For the first time this season we have just now real summer weather, warm, very warm, indeed, and the crop of annuals is coming in heavy lots and sell at any price. Asters are over-plentiful and will become a drug in the market. Good roses are in demand, carnations being no good and are gone to the dogs quite a while. Quite a few of our growers put in more roses, claiming carnations at $1 to $2 per 100 even in midwinter do not pay at all. Enchantress is all the rage just now. They are all putting in quite a few of it. I consider Lawson as the best paying carnation. Its deep striking shade of dark, rose-cerise, lustrous and glowing, affecting and effecting everyone's eye, always finds a willing buyer. We know there are many new ones in the market claiming the same merit. It may be so, but the Spaniard says "Queen sabe! Dias sabe." (Who knows? God knows.)

The twin cities florist outing at Wild Wood, White Bear Lake, Ramsey County, Minn., was a howling success in spite of bad weather, because there isn't a lovelier sheet of water for summer recreation in any of the states. If there is a better one, gentlemen, let me know, please.

Chas. Vogt and Henry Puvogel attended the Saengerfest in Milwaukee, and enjoyed themselves immensely and helped the Saengers to kill the breweries.

Carl Peterson quit business for good. His embonpoint does not allow greenhouse work.

Carl Keiper, a good plant grower, also abandoned his place, intending to go west. Good luck.

W. Strehlow, our violet expert, is celebrating to-day, his birthday and engagement to Miss Puvogel. That's a double header and three cheers for Bill.

F. Franke is erecting a new house for violets 16x110. We wish him success.

At L. L. May & Co.'s planting is fin-

ished and everything under Foreman F. Gustavson is looking fine.

There is lot more news, of course, but everything has to come to an end, so my letter. Greetingly, yours forever. C. Bussjaeger.

SWEET PEAS.

In the August 4 issue of the Review I saw the questions asked by H. L. H. about sweet peas. Three winters ago I wintered some sweet peas, in what seemed to me an unusual way, considering we never have less than two inches of ice and as many of snow, which is sufficient to kill peas.

About September I planted the seed in a long box containing about four or five inches of soil from alluvial land. They sprouted but the plants did not do well. They would not grow even in the cooler autumn days when garden peas were bearing abundantly. As long as there was life though, I hoped and took care of them.

All during the winter they were only about six to twelve inches high and when the cold snap came, I laid old sacks over them in which we had gotten ice. The box was placed always in a southeast angle of the house. As soon as the milder weather began, the vines grew with it till they were roaming over a space of about four to five feet as high as the supports and as long as the box (box was about six inches wide) and covered with perfect, beautiful flowers all spring till into the summer.

I kept the box watered night and morning and fertilized with liquid barnyard manure. The flowers (sweet peas) were blooming before my neighbors' were well started to grow.

Ellen B. Crump.

Nitta Yuma, Miss.

CINCINNATI.

The Market.

Business has been dragging its slow course onward as it usually does at this time of year. Now and then there is a little stir in the market, due to funeral work, but it is the exception. Stock is none too plentiful, either. Roses of any kind are scarce, Beauties, Brides, and Kaiserins being most in evidence and they sell quickly.

There are not many carnations. A very few good ones are to be had, also a few short-stemmed ones from the field. The demand is good, also the price and many more could be sold. Even asters are not equal to the demand, pink and purple being especially scarce. Short stemmed ones are most in evidence, but there are not nearly enough long ones to fill all orders. Gladioli form the only over-supply. There are hundreds of them and only the best quality sell with any degree of certainty. There is a plentiful supply of everything in the green goods line and a good demand.

The scarcity of water in this city, owing to the water works not being large enough to handle the amount of water that is required during such a dry spell as we are having at present, there not having been a soaking rain for mostly six weeks, is becoming a serious question to several of the florists who depend upon the city for their supply. It is to be hoped that the long looked for rain will come before any serious damage is done.

Various Notes.

The meeting of the S. A. F. O. H. is at hand and the pilgrimage toward St. Louis has been made by hundreds of the florists and their friends. Many of the eastern delegations stopped in this city between trains and were met by some of our boys. Those going from this city did not make the necessary arrangements to go in a body, but altogether, there will be a goodly number from this city.

J. T. Conger was the principal exhibitor in the flower and plant department at the Carthage fair last week. He made a very creditable showing and won the $75 prize for best display.

Julius Baer spent a few days with his family at French Lick Springs, Ind.

Wm. Murphy left Monday night for his annual trip to Snow Islands, seeking relief from his old trouble—hay fever.

H. D. Edwards is in Louisville for a few days. Before his return home he will visit the World's Fair.

E. G. Gillett and family left Monday for the S. A. F. O. H. convention, also a few days at the fair.

I regret to report the death of William Altemus Huntsman, father of Frank Huntsman, which occurred at Christ hospital, August 10. The deceased was eighty-two years old and died virtually of old age. He was at one time mayor of Reading, O., and in his early days was quite a politician. He was a schoolmate of the late Gov. Morton, of Indiana.

C. J. Ohmer.

ROSES.

Seasonable Hints.

We are now approaching the time when owing to the cool, dewy nights it will be advisable, on many occasions, to use a little heat in order to check and minimize the conditions favorable to the growth of mildew and black spot.

Any check to root action which will interfere with the vitality of the plant is an invitation to these pests which, once they have secured a foothold, are certain to give us a deal of trouble and hard work to clear them out, and care should be taken to guard against such conditions.

With the warm days when copious supplies of water are necessary and the nights cool, there is sure to be considerable condensation which can be obviated in a great measure by the application of a little heat which will enable us to use ventilation, thereby securing a dry, pure atmosphere, which is absolutely essential to a good growth and healthy foliage.

A good deal of the success or failure of our rose crops depends on the care and attention given them during this period, as the transition from natural to artificial heat, in order to be successful, must be gradual.

Where the heating pipes are placed under the benches particular care must be taken to see that the roots near the bottom of the bench, and which are most liable to suffer from close proximity to the heat, do not suffer from want of water, as appearances are often deceptive, the surface of the bench frequently appearing moist while the body of the soil may be quite dry.

Those houses which were planted early and are now in a condition to bear a crop will be greatly benefited by the application of a light rich mulch. This serves the double purpose of feeding the plant and keeping the roots cool during warm weather, considerably increasing the size and quality of the bloom and providing a better quality of wood for a future crop.

In respect to taking a first crop from young stock, it is safer to be a little conservative in regard to quantity, as many errors are made yearly in this matter, fine, thrifty bushes being spoiled for months to come because of the ambition or greed of the grower to have a big cut. The grower who can see as far ahead as the holidays will content himself with one or two blooms from each plant for a first cut and conserve the vitality of the plant for wood making purposes, so that he may have some size and strength to his plants for the winter work.

Ribes.



The Boston and Two Improved Forms of the Nephrolepis.

Tarrytown Piersoni Boston

MISCELLANEOUS SEASONABLE HINTS.

Narcissi.

Paper white narcissi, Roman hyacinths, and other French bulbs are arriving, and if early bloom is desired there should be no delay in getting them into the flats. Remember that the Roman hyacinth, although withstanding some freezing without harm, if allowed to thaw out in a cool shed, will not endure anything like the hard freezing that is harmless to the Dutch hyacinths and tulips, and the paper whites want no frost at all. So, when you later box up your main lot for flowering at the holidays and on, the flats should be in such a position that when winter comes they can be protected with sash and shutters, besides the covering of soil or tanbark and four or five inches of stable litter.

People who go into the bulb business very largely may have a specially constructed root house or cellars. If so, they would, after winter set in, have to be kept near the freezing point. We have never found any place so good as out of doors for the flats.

Tulips.

A few years ago a son thought that for the first batch of tulips, a few thousand that we wanted in flower in early January, such as La Reine, Vermilion Brilliant and Yellow Prince, that if planted in the flats directly they arrived and the flats placed under a cool bench and covered with two inches of soil, it would save the trouble of putting them outside and they could be kept moist more easily. It was a mistake and a failure. They made no stem, while those brought in from outside in the same heat made stems of eight to twelve inches. I remember cutting Chrysolora on December 27, with 11-inch stems, but it took a lot of shade, heat and moisture to do it. However, for these hyacinths and paper whites that you expect to cut in November and December, no frost is feared and no covering, except three inches of soil, will be needed. Get some into flats at once. We never found any size of flats better suited for the purpose than one of 12x24 inches and three inches deep and this same flat is useful for many seedlings in the spring, as well as to deliver a load of bedding plants, and where we know just how many plants a bed will take, whatever size flat we use for your bulbs, we have them uniform.

Soil.

No specially prepared soil is necessary for these hyacinths and narcissi, but it should not be heavy. The soil from the carnation bench that you threw out in June will be just the thing. Don't waste room with these bulbs. You can put them in flats, almost touching. Press them firmly into the soil, leaving top of bulb and surface of soil even with edge of box.

We like to put some old strips of wood on the ground for the flats to rest on, as they lift cleaner and better. Then cover the flats with three inches of soil, but water thoroughly before covering. All that remains to be done for the next two months is never in a dry spell neglect soaking the beds at least once a week. If the soil in the flats is allowed to remain long dry, no good roots will be made. Heavy rains may help you out, but remember it takes a heavy rain to wet down three inches, and also remember there is no moisture arising from the earth which keeps alive and nourishes the roots of plants with their roots in the ground. The bottom of the flat stops all that.

Varieties.

Those who grow but a few hundred Dutch hyacinths or a few thousand tulips buy their bulbs of one of our seed houses. It is to the interest of the seed house to recommend only varieties that are known to be the most satisfactory to force, which is doubtless usually done, but it is well for the grower, however small, to know what to order.

In tulips there is no demand for a great variety and the best forcing varieties are proved and established. Omitting the Duc Van Thol varieties, which are the earliest but not worth growing, the standard varieties are La Reine, for white, in some soils and after being out a few days it assumes a beautiful shade of pink; Cottage Maid and Rose Grisde-lin are both fine pinks; Yellow Prince is all that is desired in yellow; Vermilion Brilliant is the finest scarlet, but rather expensive; if too expensive then order Waterloo for scarlet; for a gay, big tulip of yellow and red, buy Kaizerskroon, and for a magnificent flower distinct from any other color, grow a few Proserpine, very early, carmine rose in color. The queen of all double tulips for either cutting or pans, particularly for Easter is Murillo, which is white when first expanded and then turning to a soft satiny pink. Another useful double tulip is Tournesol, red and yellow, and that's about all the tulips you want to bother with.

Seldom does the commercial florist grow anything but single Dutch hyacinths. They make a larger spike than the double varieties, and here again a limited number of varieties is all that's necessary. Here are a dozen that will fill the bill; Red and pink—Gertrude, gigantea, Moreno, Norma. White—Baron Von Thuyll, La Grandesse, L'Innocence, Mme. Van der Hoop. Blue, light and dark—Charles Dickens, Czar Peter, King of the Blues, Regulus.

In narcissi, the double Von Sion is always popular and so is the Trumpet Major. Three other single narcissi that force well and sold well the last few years are Emperor, Empress and Golden Spur. The French-grown Trumpet Major can be forced easily for Christmas. It is not as fine as the Holland-grown, but its earliness makes it valuable.

William Scott.

PLANTS FOR CEMETERY USE.

What plants and shrubs are used for cemetery planting? I have calls for "something to plant at the cemetery" and would be glad to know what would be most suitable for that purpose; also what hardy shrubs should be planted on school grounds to give blooms as much as possible through the year.

What would be a reasonable charge for seeding or sodding lots at the cemetery? I have inquiries and hardly know what would be considered a fair price per square rod or yard. L. R. A.

To take up the cemetery question first, a definite answer cannot be given unless we know under what rules your cemetery is governed, and these rules vary greatly in different cities and communities. In small, rural cemeteries, the lot owner is usually allowed to plant whatever he sees fit. One lot will have a small cluster of geraniums, another will have at the foot of a grave a Mme. Plantier rose, another a root of peony, and still another a Swedish juniper; each one, doubtless, thinks his lot most tastefully adorned, but the general effect is poor indeed.

Again, in some of the great cemeteries of our eastern cities, where the lot owner is also allowed to embellish his plot of ground any way he chooses, you will see a most extravagant display of flower gardening, elaborate designs of carpet bedding, as well as beds of geraniums, coleus and all our other common bedding plants, and they are often preceded in early spring with gay and costly displays of tulips, hyacinths and other bulbous flowers. We have seen cemeteries in the vicinity of New York and Boston that we considered vastly overdone, and in this respect they had long passed the point of beauty and good taste. Still, if I happened to be a florist near one of these cemeteries and my living largely depended on this cemetery trade, it is not likely I should tell my patrons that they were overdoing it.

There is another order of cemeteries, mostly associations of lot owners and governed by a board of trustees. The superintendent is, or should be, a man of taste with a knowledge and practice of landscape art and planting. He plants a group of hardy shrubs in appropriate spots, an elm or an oak or maple here or there, where it is needed, a cluster or bell of evergreens, Norway spruce, Austrian pine or Picea pungens, where a dense background is most suitable.

In many of our eastern cemeteries, land has been acquired that was naturally very undulating in surface and the large native trees left standing have been of the greatest service in landscape effects.

In the cemetery that I am best acquainted with, and which I have yet failed to see equaled for real beauty, rest and peacefulness to the eye and senses, the lot owner has only the right to erect a monument and place an iron or stone vase or wire or rustic basket on his lot. The cemetery authorities do all the rest and the consequence is that if the monuments and vases were removed it would be a well laid out, well planted and well maintained park.

Now, if the inquirer is doing business with one of those cemeteries which allows the lot owner to plant what he chooses, then any of the ordinary sum-

mer flowering plants can be used, just as we use them in flower gardening, except that any tall growing things like dahlias or hollyhocks should be avoided, or plants that come late into flower, such as salvias. Neatness, compactness and an early and continuous attractiveness are the qualities desired in such a place. If you are asked to plant hardy shrubs and the ericaceous plants do well in your climate, then there is nothing more beautiful than the rhododendrons, hardy azaleas and kalmias. As for the lovely hardy deciduous shrubs, the list is so long that it would be out of place to begin to enumerate any of them. Take the catalogue of any reputable northern nurseryman and his long list of hardy shrubs can be depended upon to be hardy and all are fine.

Yet, here again, as with the flowering plants, if just one shrub is desired for a small lot, say, two or three hundred square feet, they should be of short growing tendency, such as Spiraea Van Houttei rather than the strong growing philadelphus or the golden elder.

The writer is glad to hear of shrubbery in school grounds, for our grammar schools are too often surrounded with a dismal waste of gravel. I may say the same about shrubs for the school grounds that I said for the cemetery. The variety is great and all are desirable. Here is a short list that will cover all the summer months, and I put them somewhat as they will flower. Beginning in May with the cydonia (Japan quince) and the forsythias, then follows Spiraea prunifolia, the lilacs, viburnum, then Spiraea Van Houttei, S. Anthony Waterer, S. bumalda, and other species of these shrubs, Deutzia gracilis and crenata, corchorus, calycanthus, exocordia, philadelphus and Tartarian honeysuckle. It's true that most of the hardy shrubs flower in May and June when their flowers and foliage are most welcome after the awakening from our hibernating winter, but in August we have the glorious Hydrangea paniculata and the altheas in many shades. The above are all well known, but there are many more lovely shrubs, and don't forget those with inconspicuous flowers but attractive foliage or fruit, such as the golden elder, Prunus Pasardi, the purple berbery, African tamarix, and above all the indispensable Berberis Thunbergii, beautiful in every spot you plant it the year through.

If little grading is needed or very little good soil is to be supplied, then 25 cents per square yard is a fair price for sodding, and if the same conditions exist, 15 cents per square yard for seeding. We think, however, these prices could vary some both ways, according to size of job. It is certainly worth more for either sodding or seeding to fuss over a little lot of ten yards than one of 100 yards. WILLIAM SCOTT.

ST. LOUIS.

Club Meeting.

At the August meeting of the Florists' Club held on the 11th, forty-two members and all the officers were present. After reading of the minutes, the different committees reported that everything was in readiness for the S. A. F. convention and everybody working hard to make it a great success.

Seven applications were presented as follows: Geo. Ducker, P. J. Cahill, Geo. Wagoner, C. De Weaver, Robt. Wolfsberger, Robt. Thomson and G. A. Casey. These were elected to membership by a full vote.

After reading several important communications, the election of officers took place which resulted as follows: For president there were two candidates, Otto G. Koenig and Chas. A. Juengel. After counting the ballots, the tellers announced that Mr. Juengel had been elected by a majority of thirteen votes. For vice-president there were three candidates, Carl Beyer, Henry C. Ostertag and W. J. Pilcher. Mr. Pilcher won out on the first ballot. For secretary, Mr. Schray had no opposition and was elected by unanimous vote. For treasurer, Fred Meinhardt and J. W. Dunford were the candidates. Mr. Meinhardt was elected on the first ballot.

For three trustees there were six candidates, F. C. Weber, Theo. Miller and E. W. Guy were the lucky three to be elected. The above elected officers are a set of hustlers and will, no doubt, keep up the good standing of the club.

Various Notes.

Fred L. Schulz, son of Jacob Schulz, of Louisville, Ky., is in town and will stay until after the convention.

Mr. Reed, of Reed & Keller, New York, in company with Mr. Barnett, are here working on their large exhibits in the display hall.

Leo Ostermier, of Siebrecht & Son, New York, is also busy in the display hall, staging plants.

Martin Reukauf and Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, are working hard at the convention hall.

B. Eschner, of M. Rice & Co., of Philadelphia, is busy displaying goods.

L. Baumann, of Chicago, is also making a great show of florists' supplies.

Arnold Ringier is here in advance making the rounds of the trade and reports that his firm, W. W. Barnard & Co., of Chicago, are having a big trade in supplies, seeds and bulbs.

Hon. Cyrus P. Walbridge, president of the Business Men's League, will deliver the address of welcome at the opening meeting of the S. A. F. in place of Mayor Wells, who is out of town. Mr. Walbridge delivered the address of welcome eleven years ago, when the society met here.

Wm. P. Craig is in town and will have charge of Jos. Heacock's display at the convention. Other exhibitions are arriving by every train. J. J. B.



Store of H. Glenn Fleming, Fairmont, W. Va.

PHILADELPHIA.

The Market.

The supply of fine flowers seems hardly equal to the demand, light and unsteady though it is. Beauties, valley, asters and carnations are all good sellers when of fair quality. Some very nice orders for these flowers have been shipped to distant outside cities lately. Sweet peas are still coming into town in fair condition, thanks to late planting, care, and a cool summer. Dahlias are arriving in quantity, the pompons being very nearly in their true form. Japanese hydrangeas are also getting plentiful and will figure in a certain class of designs and in decorations for the next couple of months, weather permitting.

The Flower Market.

President Wm. K. Harris called a special meeting of the stockholders of the Flower Market to order at 2 p. m. last Friday. He stated that the object of the meeting was to decide: First, whether the present quarters at 1228 Cherry street should be given up, which the board of directors recommended; and, second, whether the Market should continue in business.

Secretary Alfred Burton read the report showing a deficit for the first fiscal year, Nov. 1, 1902, to Oct. 31, 1903, and a profit of about $300 in the nine months ending July 30, 1904.

It was stated that a tenant had been found who would take the lease of the present quarters from Sept. 1. This lease expires June 30, 1906. It was agreed on motion of Joseph Heacock that this offer be accepted. The question of continuing or abandoning the enterprise came next.

It was stated that the Market was not supported by enough growers to make it profitable to the stockholders without doing a commission business as well. Walter P. Stokes asked whether the manager



Caladium Esculentum at St. James Park, Los Angeles, Cal.

thought the business could be made profitable in time. Charles E. Meehan replied that the feeling in the past had been that the Market should be developed as a market and not as a commission house, but that if the commission business were pushed and stalls rented to the growers who wished them, he believed that in three or four years the business could be made profitable and a good market could be established.

John Burton asked the privilege of being allowed an opportunity to rent a stall in the Market. Joseph Heacock thought that as the growers had not cordially supported the undertaking it would be better to give it up. A. Farenwald said the Market had not paid him. C. E. Meehan replied that his stock had only been sent to the Market during the glut. H. H. Battles favored continuing the Market, but thought the manager should be given more power. Joseph Heacock replied that the board of directors had given the manager full power.

John Burton moved that the Market be continued under the present management. This motion was twice seconded. After further discussion it was adopted by a viva voce vote. The meeting then adjourned. About 500 of the 674 shares were represented.

The board of directors met after the stockholders adjourned. They instructed the managers to rent the first floor and basement of 1235 and 1237 Filbert street. This has been done. The Market will be moved in September to its new quarters, which are more accessible and more central than the old quarters.

Our St Louis Delegation.

Broad street station was the scene of farewells a little after 8 o'clock last Sunday evening when a good sized party of Philadelphia florists left to attend the convention and to see the Pike. There was lots to do in helping Commissary General Westcott get his stores aboard, then much sound advice was given the bowlers, by which they cannot fail to benefit, and finally leave-takings.

The members of the party were: John Burton, Miss Burton, F. J. Michell, F. J. Michell, Jr., Antoine Wintzer, John F. Sibson, Mrs. Sioson, Julius Wolff, Jr., Mrs. Wolff, S. Adelberger, Edwin Lonsdale, Leo Niessen, Robert Craig, George Craig, Robert Kift, J. H. Ribsam, A. Lake, Charles Sim, Mrs. Sim, John Westcott, A. H. Lanser, Wm. Robertson, J. L. Dillon and son, D. T. Connor, W. F. Gibson, John Conley, Fred Ehret, Chas. D. Ball and W. H. Taplin.

The Florists' Club.

A special meeting of the Florists' Club was called last Friday evening at the request of five members, who wanted arrangements for the club's bowling team at St. Louis definitely settled. After a lively debate the plan mapped out at the August meeting was carried out. Let us hope our team wins a great victory at St. Louis, but whatever the result, we know that every bowler will do his very best.

Various Notes.

H. Bayersdorfer, in speaking of his trip to Europe this summer, said that never in twenty years had he experienced such torrid heat. Paris was simply unbearable. His visit there had to be cut short.

C. J. Watson reports that his firm, S. S. Pennock, has had some good shipping orders for Beauties and valley.

The dahlia business at Atco, heretofore carried on under the name of W. P. Peacock, will in future be conducted under the name of L. K. Peacock, under whose management it has been developed.

M. Rice & Co. have built a gallery over their office to give more desk room. They have rented two floors in nearby buildings for purposes of storage.

Larry Sutter, of Quarryville, Pa., says he would not be without the Review. It reaches him almost as soon as it reaches Philadelphia.

Wm. J. Baker is receiving fine yellow daisies from A. & G. Rosbach, of Pemberton, N. J.

Paul Richter, of H. F. Michell Co., is too busy a man for even Saturday half-holidays. He occasionally makes for the shore for a Sunday dip, which he enjoys.

Chas. F. Edgar is spending a few days in Lancaster and Chester counties.

J. P. Habermehl and Wm. Westcott have done a little quiet shooting on the Gun Club's grounds at Wissinoming.

R. M. Eisenhart has been spending a few days at Atlantic City. He has found the present season very favorable for outdoor violet culture.

It is sometimes pretty hard for a business man to get away, but Edward Reid's experience of going to his berth well down the bay and waking up back at the wharf again is rather unusual. He did finally get off for Savannah.

Phil.

CHICAGO.

The Market.

The demand is nothing remarkable, but it would consume more roses and carnations if they were available. There are considerable quantities of Beauties from young stock which are fine for the season and they all find a sale. Tea roses are scarce and the shipping stock brings good summer prices; so do low grades, for that matter, considering quality. The supply of field-grown carnations is increasing and quality is fair. Asters are still abundant, but are not so plentiful as they were, for disease is playing havoc in many places. The predominant flowers just now are gladioli and rudbeckias. Dahlias are beginning to come in.

Various Notes.

These are the dog days, but Bassett & Washburn say that it was 46 at Hinsdale one night last week and they have had steam on in the greenhouses many nights this month.

John Van der Wal has rented J. Schau's place at One Hundred and Fourth street and Michigan avenue and will grow cut flowers and bedding plants.

C. B. Chase has been fishing at Fox Lake and the other day pulled out, on his hooks, a tattered pocketbook in which were $10, railroad tickets, etc.

At its city place the George Wittbold Co. has planted one house to mums to be succeeded by lilies and another to carnations to be succeeded by bedding stock.

Kennicott Bros. Co. is taking advantage of the quiet week locally because of the convention to put the store to rights again, redecorating throughout.

John Zeck, of Amling's, is on vacation this week.

The St. Louis Trip.

There were considerably over 100 in the party which left Chicago for the convention Monday morning, but the failure of many to notify the transportation committee that they were going, necessitated traveling on the regular train instead of a special, as would otherwise have been the case. But everyone was taken care

of comfortably. There were plenty of refreshments in the club's canteen if not on the diner. The following were in the party:

Geo. Asmus, P. J. Hauswirth, J. B. Deamud, F. W. Martin, Lester Partridge, Chas. Balluff, J. C. Vaughan, Adam Zender, P. J. Foley, John Degnan, L. H. Winterson, L. Coatsworth, J. S. Wilson, August Poehlmann, John Poehlmann, Adolph Poehlmann, A. Jurgens, E. C. Amling, W. N. Rudd, Peter Reinberg, W. J. Smyth, Henry Smyth, C. W. Scott, C. W. McKellar, W. L. Palinsky, Geo. M. Garland, H. N. Bruns, G. L. Grant and H. B. Howard, Chicago; J. A. Bissinger, Lansing, Mich.; A. M. York, Hancock, Mich.; W. B. Perry, Cresco, Ia.; W. T. Symonds, Decorah, Ia.; H. Dalwig, Max Schwebke, Wm. Edlefsen, W. A. Kennedy, F. H. Holton and J. E. Pollworth, Milwaukee; G. N. Mouzin, Lake Geneva; R. Vincent, Jr., and T. A. Vincent, White Marsh, Md.; E. Orans, Joliet; E. N. Kring, Fairbury, Ill.; A. F. Longren, Lockport, Ill.; Mrs. A. Guillaume and daughter, La Crosse, and others. Many of the gentlemen were accompanied by their wives and other members of their families, the number of ladies being larger than ever before participated in a club excursion. Several Chicago people had gone ahead and others followed on later trains, so that Chicago's representation is a good one.

NEW YORK.

Various Notes.

Mr. Neubrand, of the F. R. Pierson Company, has returned from a three weeks' vacation at Rochester, N. Y., where he reveled in nursery visitations.

Much to his regret, Mr. Pierson fears business engagements will make it impossible for him to attend the St. Louis convention. He will be ably represented there, however, by Mr. Fotheringham and the new fern "Tarrytown" will be very much in evidence. It certainly is a most beautiful novelty.

Elliott's French importations of Roman hyacinths, paper whites and Lilium candidum have arrived per steamer Roma, and are rapidly being disseminated.

C. A. B. Frith, of Bermuda, sailed for the Island Saturday last after a brief visit of a week in New York City.

The gladiolus exhibit made this week by John Lewis Childs, of Floral Park, at the Eden Musee, New York City, is worthy of the firm and drawing crowds. Some very fine samples of the best varieties were received at our New York office on Friday last.

P. T. DeVoy, of Thos. DeVoy & Son, Poughkeepsie, was in the city last week with sample flowers of their grand new geranium, "Telegraph," a rich, deep, orange-cerise in color, that is already in great demand, of which Mr. DeVoy tells me many thousands have been ordered for October delivery.

Henry Siebrecht, Sr., owing to pressing engagements, finds it impossible to be at the St. Louis convention as arranged, although he has sent the usual exhibit and will visit the fair with his family later in the season.

Fine stock of the Chatenay rose is being handled these days by Bonnot Bros., of the Coogan Building. Will Siebrecht's valley is always in demand and supply there every day in the year.

Mr. Saltford returned from his month's outing with his family on Monday.

The New Jersey Floricultural will celebrate its tenth anniversary with a tin wedding demonstration the first Monday in October. Joe Manda is booming it.

The auction season begins early in September. Mr. Elliott's voice seems especially mellifluous this summer, since he left the ranks of the bachelors.

Mr. Cleary will conduct the services at the sale of nursery stock next month for Chas. Bird, of Arlington, N. J.

Michael Ford, of Ford Bros., will complete his summer recreations at Atlantic City next week.

The death is announced of one of the pioneers of the trade, Mr. Joseph Gard, of Hicksville, N. Y., where he has lived since his retirement some five years ago. He was connected with Messrs. Dailledouse and Zeller in business, the establishment of the partnership dating back to the forties. His age was seventy-six. He was much esteemed by those who knew him best and his career is a credit to horticulture.

H. H. Berger & Co.'s new catalogue is handsome and creditable and the firm's business has been advancing steadily during the past year. Mrs. Berger regrets that the press of business prevents her meeting her many friends at the convention as contemplated.

Henry Beaulieu, the pansy and onion specialist, of Woodhaven, is adding to his real estate and so increasing his facilities in keeping with his growing business.

G. J. Snyder, the Ridgewood, N. J., florist, met with a severe loss last week in the destruction of his greenhouses by a miniature tornado that left the houses a total wreck.

The market remains "unmentionable." The possibility of a change for the better before September seems out of the question. Outdoor stock is very abundant, much of it showing the effects of the excessive rains. Gladioli, rudbeckia and asters seem limitless and at times there is no bottom to their values. In large lots gladioli have touched $2.50 per 1,000. Next come the dahlias. The grower whose shipments to New York are enormous has over 100 acres to draw from this season. Peacock, of Atco, is certainly the dahlia king of the east.

All the retail windows are golden with the glow of rudbeckia. Hydrangea paniculata is abundant. Orchids alone maintain their real values and the supply never is in excess of requirements. Jas. McManus is never without a good assortment, his many sources of supply and the large shipments of Lager & Hurrell especially ensuring satisfactory response to calls which now come from many of the large cities of the country.

Water lilies still arrive daily from Lecakes' Connecticut farm.

Jos. Fenrich has returned from his outing in the Catskills, ready for strenuous effort and very hopeful as to the future.

Chas. Millang's new arrangement for special exhibits is none too large for the flood of gladioli daily, and the lilies are as much in evidence there as usual.

Walter Sheridan was greatly missed in the happy party that journeyed to St. Louis, and John B. Nugent was constantly in possession of inspiring thought waves from the well satisfied travelers, because of the excellent and unfailing supply of good things with which he had stocked the commissariat. A letter of appreciation was signed by all and forwarded Mr. Nugent from Harper's Ferry, but the supply was not exhaustible until the towers of the castle of Anheuser-Busch flashed upon the vision of the weary travelers.

The trip to the fair city was delightful every hour of the thirty-two. The Baltimore & Ohio proved itself a worthy choice of Messrs. O'Mara, Guttman and Bunyard, the committee appointed by the New York club to assure the comfort of its members.

Baltimore sent its faithful ahead, but loyal Gude and his lieutenants were in waiting to welcome and accompany us.

Robt. Kift and Dennis Connor were a committee of two at Philadelphia to speed us on our way, and Gillett, Critchell and Rodgers, of Cincinnati, were at the station, the vanguard of forty.

In the New York party were: P. J. Fay, head gardener for Dr. Webb, of Shelburne, Vt.; Frank Hamilton, head gardener of the Borough of the Bronx, who has thirty-eight parks and 4,076 acres in his jurisdiction; Geo. A. Skene, head gardener of the New York Botanical Society; Alf. Langjahr, the wholesaler of Twenty-eighth street, and Mrs. Langjahr; P. L. Powell, gardener for Samuel Thorne, and Mrs. Powell and son, of Millbrook, N. Y.; John Wilson, of Short Hills, N. J.; Robert Wilson, Brooklyn, N. Y.; R. W. Dreen, of Providence, R. I.; Louis DuPuy, Whitestone, L. I.; Jos. Manda, Orange, N. J.; Charles Lenker, Freeport, N. Y.; Patrick O'Mara, of New Jersey; John Scott and Alex. Hampton, Brooklyn, and the press men, Alex. Wallace, H. A. Goldbeyer, H. Pepper and Austin Shaw.

The train arrived at St. Louis at 6 p. m., exactly on time, and we were welcomed by a large delegation of St. Louis florists, who gave us a royal welcome. A glance at the exposition hall revealed a busy crowd under direction of Vice-President Beneke, with almost everything in readiness for the opening on Tuesday.

J. AUSTIN SHAW.

PITTSBURG.

The Market.

There was an improvement in business last week, and all good stock cleaned up nicely, but no change in prices.

The death of a well-known councilman made a boom for several of the stores, as there were orders for thirty or forty large designs, ranging from $8.00 to $50.00 apiece.

Various Notes.

My prediction as to the number who would go to St. Louis did not work out; however, among those who did go were Wm. Falconer and daughter, Alex Nelson, and about fifteen others whose names I did not get.

Karl Klinke, of the Pittsburg Cut Flower Company, has gone to Muncie, Ind., but will visit St. Louis this week. When he gets back he will tell it to you in Dutch ("as it should be spoke").

T. P. Langhans, secretary of the Pittsburg Cut Flower Company, has returned from his fishing trip to Canada, looking brown and fat. We have always believed him to be a consistent member of the church to which he belongs, but a man who won't talk about anything smaller than three to five pound black bass and eight to twenty-two pound muskalonge—well, we have our doubts, and out of charity will ask his friends to steer clear of the subject of fish when they meet him.

A. W. Smith, Jr., and wife have gone to their cottage at Chautauqua for the remainder of the summer.

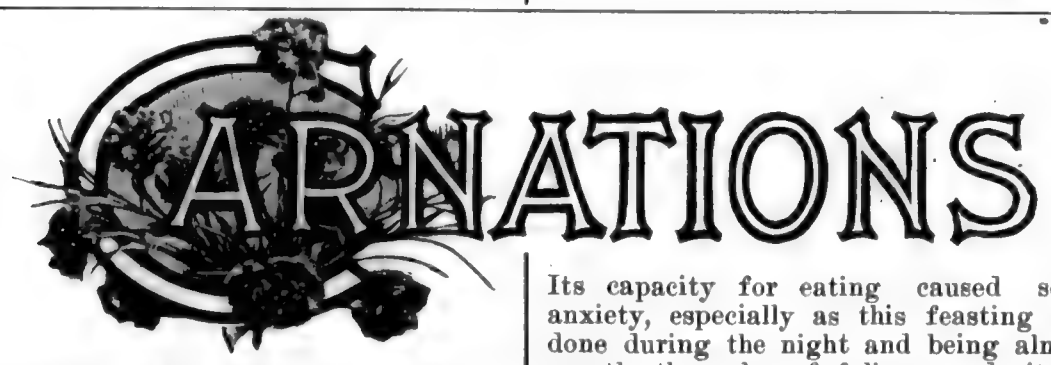
William Loew, known to the trade generally as Billy Flowers, will be missed from the convention for the first time in many years. Billy is too busy arranging for his green goods business to go any place.

Joe Byerly, of Randolph & McClements, is doing Atlantic City.

E. C. Ludwig is getting his new store on East Diamond street ready for a late summer opening, and it is going to be of the finest. Ernest never does anything by halves.

John Bader and daughter will leave Wednesday, August 24, for a trip to San Francisco, Cal., with the Knights Templar. This will be a thirty-five day trip, traveling in their own train there and back without change of cars. John is always next to all the good things.

Hoo-Hoo.



CARNATION NOTES.—EAST.

Insects.

Preparations should at once be made to guard against the ravages of insect pests. They will certainly put in an appearance sooner or later, more likely sooner than later.

The old saying, "Nothing is sure but death and taxes," should be amended to include plant lice. It is poor economy to wait until the plants are badly infested, when so many means of prevention are at hand, and prevention is the best plan to follow, as the punctures made by insects not only weaken the plant, but open the way for fungous disease germs to enter; then, too, it is humiliating, when showing a fellow grower over your place, to hear remarks about the live stock needing attention. These remarks perhaps may not be audible, but might be said to be almost discernible.

The most prevalent pests and at the same time the easiest to prevent or destroy are the aphides.

Light fumigation weekly with powdered tobacco—the fumigating kind—gives them no chance to obtain a foothold. Thrips are sometimes brought in from the field when housing the plants, and their presence is not detected at once, but as soon as signs of their work is seen, thorough fumigation with cayenne pepper should be resorted to.

I gave full directions last year for using this remedy to be effective, but will repeat my caution against using an adulterated article, as this is one of the main reasons of failure.

Red spider once established is a hard customer to handle, but a sharp lookout must be kept for its first appearance. It can then be readily kept from spreading by repeated syringing and in the end conquered. I know of no preparation that will act as a preventive.

It is said, however, that some of the concentrated extracts of tobacco will kill them and perhaps can be employed in some manner as a preventive.

The carnation beetle referred to by Mr. Scott has never troubled us, but having had considerable experience with Slug Shot, I am confident it will destroy them. Nearly every year we hear of a new pest to be added to the list of carnation enemies.

Last season soon after housing we were troubled with a green worm similar in appearance to a cabbage worm, but different in many ways and new to me. Its capacity for eating caused some anxiety, especially as this feasting was done during the night and being almost exactly the color of foliage made it extremely difficult to catch.

Several were captured and fed until they passed into the chrysalis state. These were kept and this spring hatched out a dark brown moth. I am not up on moths, but from close observation am satisfied it is the genuine fly-by-night sort and the eggs deposited when plants are in the field. These worms were not very particular in their taste: any part of the plant lying in their path was cut off, stem, bud or tender shoot, but Slug Shot made short work of them. Paris green would probably kill them, but I am not an advocate of using this poison on any plant. Geo. S. Osborn.

RED SPIDER ON CARNATIONS.

We have seen quite a number of red spiders in our newly filled houses of carnations, brought in from field with the plants. Will you tell us the proper way to use hydrocyanic acid gas, or is there a better remedy? Too much water we don't think advisable yet. B. R.

I have never had any experience in the use of hydrocyanic acid gas and I hardly know what to say in regard to using it on your carnations before they have gotten into a vigorous growing condition. My impression, however, is that I would go a little slow in this matter. Unless you have had some experience with the stuff the danger of failure is too great to risk your whole crop right at the start.

That it is a great thing is generally conceded, and that it kills the spider without damaging the plants, too. As far as I know past experiments were made on plants which were in a growing condition. In your case, however, the plants are not in that condition, and it will be a couple or three weeks before you can say that they have really become established and are growing. I do not say that the gas would injure them, but I would not care to risk a full dose on them, and a half dose may not be strong enough to kill the spider.

You will find in the April 14 issue of the Review an article telling you how to figure the cubic contents of your houses and the proportion of a dose of the gas. If you do decide to try it on your plants we would very much like to hear with what degree of success. On account of its dangerousness in the hands of inexperienced persons it has not as yet become as common as many other less effective but less dangerous insecticides.

Personally I would prefer to syringe the plants with clear water at least the first ten days. If your plants are set firmly and the soil settled around them properly the plants will stand up under a good strong cutting spray. You should keep them sprayed a good deal, any way, so why not syringe them once or twice each day and destroy the spider at the same time.

Salt water and soap dissolved in water are both good, but you will find the Tobakine liquid better than either of the two. In a case like this it is not a question of which is the cheapest, but rather which is the safest and the most effective remedy. What do a few dollars amount to when it comes to saving your whole season's crop? A. F. J. Baur.

BOILER AND PIPING.

My houses are two in number, 16x75 feet each, eleven feet to the ridge, running east and west. The south side and both ends are glazed about one-fourth to one-third the depth of the wall; no glass on the north side; walls built of sheathing and weather-boarding, with building paper between. Our average winter weather is about freezing, though the mercury often goes below. We have had zero weather once in the past twenty-five years, though it is safe to say that we rarely have over fifteen degrees of frost. I have not bought a boiler, as I have not decided what kind to purchase. I should like a boiler with capacity for one or two more houses than I now have. Is there a boiler on the market that can be depended on to keep a steady heat for six or eight hours at night in normal weather. My plant is not large enough to justify a night man. I have heard of magazine boilers. Can they be successfully fired with bituminous coal of nut size? Anthracite would be too expensive.

How low is it necessary to set a boiler in the ground? The man that I have engaged to pipe the houses says he does not see any necessity for placing boiler more than three feet below the floor of the greenhouses. Of course, this would be more convenient to remove the ashes and take in fuel, if it would not interfere with the circulation. I shall use hot water. I have some 2½ and 3-inch pipe and will purchase some 1½ and 2-inch for returns. Please advise best method of laying same. South house for carnations, two-thirds of north house for teas and remaining third for palms, ferns, Asparagus plumosus, swainsona and such. I have a partition in north house. The narrow benches in the north house will be used for lilies and miscellaneous stock.

Would it be feasible to build a frame on the south side of the carnation house and rip off the weather-boarding between the frame and house. I could grow quite a good deal of stuff in such a frame, and I don't think it would steal much heat from the house. However, when the sash on the frame were open a strong draught into the house would doubtless be created. Would that be bad for carnations if it passed by the pipes and circulated under the benches? I want the boiler and packing shed at the west end and would like to build them with a driveway left between the sheds and the west end of the house. Would this not be more safe

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Lillian Pond	$6.00	$50.00
Gov. Wolcott	6.00	50.00
Her Majesty	6.00	50.00
Marian	5.00	45.00

White:	Per 100	1000
Queen Louise	$5.00	$45.00
White Cloud	5.00	45.00
Pink:		
Enchantress	8.00	70.00

Pink:	Per 100	1000
Fair Maid	$6.00	$50.00
Alpine Glow	6.00	50.00
Lawson	6.00	50.00
Mrs. Nelson	5.00	45.00

Pink:	Per 100	1000
Floriana	$5.00	$45.00
Variegated:		
Prosperity	6.00	45.00
Gaiety	6.00	45.00
Marshall Field	7.00	....

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

Mention The Review when you write.

and at the same time sufficiently convenient? How would this work if I added to my range? I have space to build on both sides of the houses and hope to do so in the near future. Would it be essential in this climate to have potting shed joined to greenhouse?

S. B. S.

If in the house you wish to use for carnations you were to carry a 2½-inch pipe to the far end of the house, either under the ridge or under the most protected or inside bench and at the far end break it up to return through six 2-inch pipes, it will give you ample heat for your carnation house.

In regard to heating the frame you propose along the south side of the house, I am inclined to think it will be more satisfactory to run a loop of 2-inch pipe along the front of the frame, rather than to attempt to heat it indirectly from the carnation house. The house to carry roses and palms may be piped in the same manner, but it will require a little more radiation. A 2½- or 3-inch supply pipe can be used to supply eight 2-inch pipes returning under the more exposed benches.

In regard to the location of the boiler, the closer it can be placed to the point where the heat is desired the more economical will it be in fuel. The longer the distance the water is forced to travel the less efficient it becomes. Short circuits, which return the water quickly at a high temperature, are most economical. While a driveway can be maintained between the boiler pit and greenhouses it is not to be recommended, as with ordinary care in firing and good construction there is little danger from fire. A boiler built on the return tubular plan with an ample fire place and a large capacity of water—*i. e.*, containing a large quantity of water—will undoubtedly serve your purpose best. A boiler with a capacity of 1,000 feet will care for your present structures but, if future needs are to be considered, add 500 feet to the capacity of the boiler for each additional house of like dimensions of those you now have.

The main thing with a plant such as you have is to secure good height for the expansion tank, which should be connected to the return pipe close to the boiler and located fifteen to eighteen feet above that point, if practicable. If the dome of the boiler is a few inches lower than the lowest point in the returns that will suffice. L. C. C.

WE look for the REVIEW each week, as it is always full of honest thoughts.—HAMMERSCHMIDT & CLARK, Medina, O.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

A. Plumosus Nanus.

2¼-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Mention The Review when you write.

WE find much valuable information in the REVIEW and would not care to do without it.—W. G. MOULTON & SON, York Village, Me.

"THE REVIEW has been a welcome visitor the past year; it is very instructive, just what every florist ought to have."—S. M. WYATT, Watseka, Ill.

I LOOK for the REVIEW on Sundays just as I do my meals and could do without one as well as the other.—FRANK IMBACH, Newport News, Va.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

ALL hard-wooded trees require severe pruning when transplanted.

THE native magnolias should only be moved in spring and closely pruned.

THE western wholesale growers are steadily increasing their outputs of apple grafts.

THERE is steadily increasing demand for hardy flowering shrubs and for hardy perennials.

THE birches are suitable for high, dry or stony situations. Early fall is a good season to plant them.

IF cherry trees are transplanted in the fall, do it early, to give time to become established before cold weather.

THE white oak requires somewhat less severe pruning than other members of the family which are to be moved.

NURSERYMEN are coming to the conclusion that expositions are not what they have been "cracked up to be" as business getters.

C. W. CARMAN is visiting various cities in Iowa and it is reported that he is contemplating the removal of his extensive nursery business from Lawrence, Kans.

THE Carolina poplar is largely planted in laying out new additions to our cities, because of its quick growth, but in the end the American elm or pin oak would generally give better satisfaction.

THE man with a hundred agents out envies the fellow who gets his business with a catalogue and a couple of dozen stenographers, but the other one says he's only working for the government.

C. W. WARD sails August 18 to visit European peony growers and nursery centers.

B. E. GAGE, of the Peterson Nursery, Chicago, has been visiting nurseries in the west and north.

THE George M. Bacon Pecan Co., De Witt, Ga., has a new chestnut of unusual size and ripening by August 1.

BLOOMINGTON, ILL.—The foundation for the new office of the Augustine Nursery, which is to be erected on the company's packing grounds, near the depot, was commenced yesterday, and the building will be pushed to completion as soon as possible.

APPLE AND PEAR SEEDS.

I have some good apple and pear fruits from which I would like to save the seed. Kindly let me know how to take care of the fruits in order to ripen the seed and insure germination?

G. A. D.

When the fruit is ripe, the seed is mature. Keep it in the fruit as long as possible. Save the seed and keep it as any other seed. Sow in spring and ninety-five per cent will germinate. This seed, in most cases, will bring only a small percentage of good fruit. It will pay better to buy of some reliable nurserymen trees of these or other well known varieties. R. V.

THE PECAN.

A few years ago the pecan was a small nut with a great deal of bitter, astringent inner bark and great care must necessarily be exercised to obtain the small kernel free from it so that it would be palatable. The kernel was so good, however, that the attention of expert nurserymen was called to it and a system of selection and propagation was begun to enlarge the meat and if possible to make the thick, hard shell thinner and more delicate. Years have been spent at this work, but with the finest results. The thick shell has become so thin it may with propriety be called a "paper shell." The small meat has become so large that a few nuts now weight a pound. The bitter and astringent inner lining has been almost entirely disposed of and the meat parts from the shell easily and completely separated.

I ALWAYS look forward with pleasure to the REVIEW's weekly visit.—J. B. STEPHENS, Toronto, Ont.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

LEONARD SEED CO. has remodeled and improved its onion set warehouse at Jefferson Park, Ill.

THE ONION set harvest at Chicago is backward, more than half the acreage being yet untouched.

A TRUCK-GROWERS' association has been organized at Mineral Wells, Tex., with S. A. Baxter secretary.

THE ONION set grower finds that this is one of the years when thinner seeding might have been an advantage.

THE PERENNIAL top onion is at present bringing $2 per bushel; a higher price than has been realized for several years.

COMPLAINT IS being made that much of the pickling cucumber seed planted the past spring fails to make a uniform pickle.

WHEN a reliable assistant is needed by a seedsman the cost of securing one should be of secondary importance. This will apply to either a book or a man.

DES MOINES, IOWA.—The Hawkeye Seed Co., on Aug. 17, made an assignment of its business to A. A. Berry, of Clarinda, who represents a large Iowa seed company. The assignment papers were signed by the president, C. B. Burkhart, who stated that it was impossible to attach a list of the assets and liabilities of the company. The Hawkeye Seed Co. was located at 210 Seventh street, and is the company which, two or three years ago, purchased the business of Josiah Livingston, who had conducted the business for about ten years previous.

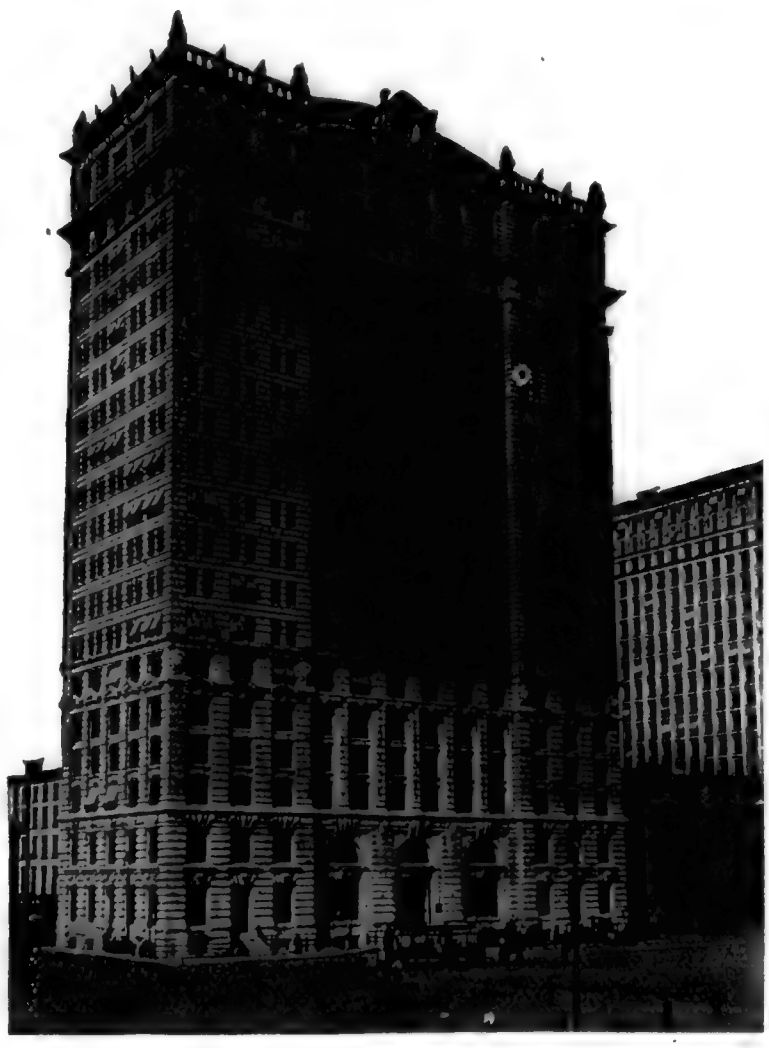
VILMORIN MEMORIAL.

The American members of the committee appointed to raise funds for the Vilmorin Memorial to be erected at Paris are D. M. Ferry, Detroit; C. S. Sargent, Boston, and Wm. McMurtrie, New York. Mr. Ferry sends the seed trade a circular letter explaining that the aim is to make the subscription a popular one, the subscriptions so far received in France averaging a little less than $7 each. Mr. Ferry encloses a translation of a circular of the French committee, from which we take the following extract:

The eminent services rendered to agriculture and horticulture by Henry de Vilmorin are well known. In fact, during four generations the heads of the Vilmorin family: Philippe Victoire, his son Phillipe Andre, then his grandson Louis and lastly his great-grandson Henry, have successively associated the name Vilmorin with the progress achieved in agriculture and horticulture since 150 years. Without the Vilmorins there would perhaps be a little less grain in our fields, but without doubt less sugar in our beets, and certainly less flowers in our gardens. It is this long and immense work, accomplished by the Vilmorins, which we propose to honor.

Mr. Ferry adds that he is in full sympathy with this movement and will acknowledge receipt of subscriptions and see that they are forwarded to the treasurer of the general fund at Paris.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.



RALPH M. WARD & CO.
17 Battery Place, New York
HORTICULTURAL IMPORTERS

We are **DIRECT IMPORTERS** of High Grade Japan Lilies, Lily of the Valley, Dutch Bulbs, etc. Cold Storage Valley pips on hand. Our prices are interesting.

WRITE US

Mention The Review when you write.

DUTCH SEED CROP REPORT.

Sluis & Groot, Enkhuizen, Holland, send the following seed crop report for the end of July:

On account of the very wet weather which prevailed last autumn, some biennials were sown very late and in some parts they could not be sown at all. Consequently the area of beets, mangels, turnips, parsley, corn salad, etc., is not so large as was first proposed. Our mild winter did not kill any plants. In spring we had excellent weather, so that field work, sowing and planting could take place under most favorable circumstances. This fine weather has lasted up to the present time, so that as a whole the prospects of the crop are good.

Cauliflower looks good and promises a good crop. White cabbage, red cabbage, savoy, Brussels sprouts and Borecole have developed very well, look healthy and promise a good crop. Turnip and swedes, owing to the unfavorable weather in autumn, part of these were sown too late or were not sown at all; a good deal, however, has developed very well and promises a good average crop, with the exception of some few varieties, such as Milan. Kohlrabi, a good deal got lost; small crop. Mangel-wurzel and sugar beet look good. Beet stands pretty well. Carrots partly poor stand; as a whole they promise a fairly good crop. Parsnip and scorzonera are good crop. Corn salad is middling; some sowings have gone lost. Radish looks good. Spanish radish was little planted, as some sowings got lost last autumn; looks good. Onion is mediocre; the bulbs were not healthy. Garlic is good. Celeriac is sick; small crop. Plain parsley good; rooted parsley middling. Borage is a very good crop. Chervil and spinach promise an average crop. Peas are very good. cucumbers mediocre. Dwarf and runner beans are good as a whole; some plains are a poor stand on account of weak germination; hard winds have also done some damage.

After two years which were most unfavorable for flower seed growing, we are now glad to say that, owing to the fine weather in spring, the actual situation of crops as a whole is promising. Antirrhinum, calliopsis, campanula and centaurea are very good. Candytuft is good. Convolvulus was little sown; looks good. Dianthus, some plains a little thin; the plants which are left look promising. Gypsophila is a good crop and eschscholtzia very good. Helichrysum and lobelia make good standing. Mimulus is very good. Mignonette was little sown; looks promising. Myosotis is excellent and nasturtium very good. Nemophila, papaver, petunia and phlox are all good, rhodanthe very good. stocks, Virginian, excellent. Sweet peas, little sown; stand well. Ten-week stocks look splendid. Verbena is good, viola fairly good and wallflower very good.

PRICES OF MATERIAL.

The price of glass has been advanced but quotations are not stiffly held. There is a scarcity of 16x20, which is a popular greenhouse size, but certain jobbers have large stocks of 16x24, several large anticipated orders having failed to develop, and on this size there is a tendency to "let no guilty man escape" when he comes into the market.

Lumber is weaker, particularly cypress. Much good cypress has gone into railroad cars, and this summer car builders are not busy, with the result that the cypress mills are looking for orders.

Steam coal is off, particularly at Chicago, where the stock yards strike has had an appreciable effect.

FLORISTS' FLOWER SEEDS for Present Planting.

MIGNONETTE—DEFIANCE, packet 2000 seeds, $1.00; ½ pkt., 50c.

STOCK—S. & W. CO.'S IMP. GIANT PERFECTION, pkt., 25c; ¼ oz., $1.50; per oz., $5.00. STOCK—BEAUTY OF NICE, pkt., 25c; 5 pkts., $1.00. PANSY—NON PLUS ULTRA, pkt., 25c; ¼ oz., $1.50; per oz., $5.00.

For other seed, etc., send for catalogue. **STUMPP & WALTER CO., 50 BARCLAY ST., NEW YORK.**

Mention The Review when you write.

For SALE

I wish to dispose of my interest in the St. Louis Seed Company. They are doing the largest retail trade in St. Louis and there is no other mail-order house here. This is a fine opportunity for some one. For further particulars address

FRED. S. PLANT,
814 N. 4th Street, ST. LOUIS, MO.

LONG ISLAND
CABBAGE SEED

American Cauliflower Seed, and other special seed stocks

FRANCIS BRILL, HEMPSTEAD (L. I.) NEW YORK.

Mention The Review when you write.

Now Ready for Delivery

LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.

W. W. RAWSON & CO., Seedsmen.
47-13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

WHITE PANDANUS.

Will you kindly let me know if the white from a Pandanus Veitchii is a disease and what to do to prevent them from turning white? F. S.

The variegation of plants is looked upon by many botanists as a diseased condition, from the fact that it arises from the suppression of the green coloring matter, or chlorophyll, in a portion of the foliage and stem of the plant, and this view seems to be sustained in a majority of instances by the greater tenderness and lessened vitality of a variegated plant as compared with the ordinary type of the same species.

The only way to avoid having albino plants among Pandanus Veitchii is by careful selection of the cuttings, it being very seldom that one of those all white plants will grow out of that condition and become properly variegated. It pays better to throw away those white cuttings than to propagate them and thus to depreciate the stock. W. H. TAPLIN.

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This Issue of The Review Contains 104 Pages.

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G. L. GRANT, Editor and Manager.

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FUTURE OF THE MUSKMELON.

During the last three or four years the growing of muskmelons in the eastern states has been far from satisfactory on account of their being attacked by a very obstinate fungous disease commonly known as blight. The grower used to think he had enough enemies to combat when he had to fight the several insect pests to which the plants are subject. For these some remedies were found whereby they could be kept in check, but for this latest trouble neither prevention nor cure has so far been found.

The disease strikes the plants almost in a night's time, beginning with small, yellowish spots which quickly spread until they cover the greater part of the leaf, which withers. The season at which the disease attacks the plants depends a good deal on the weather. Rather dry conditions and heavy night dews aid its progress. These night dews seem to supply just the amount of moisture required for the development of the spores, whereas rains are more apt to wash the spores from their resting places from the foliage. About the middle of August the disease usually strikes the plants, just about the time the first fruits are nearing maturity. The more advanced fruits can generally be harvested all right but the smaller, undeveloped ones are often rendered useless.

So far this disease has resisted all the ordinary remedies. Most fungous diseases will yield to Bordeaux mixture, but it seems to have very little effect on this. The first year it made its appearance the plants went so quickly that we had no chance to save them. The second year we thought to forestall it and the plants were thoroughly sprayed with Bordeaux early in August, but our hopes of warding it off were shattered, for the plants went just as they had done the season before. It is to be hoped that some effectual remedy may soon be found, but in the meantime the only hopes we have are in getting the plants started as early as possible, so that we can get the majority of the fruit fit for market before the disease makes its appearance. It is taking a good deal of risk to attempt to grow a late crop.

This year we are trying covering a few plants over night with cheesecloth to keep off the night dews and hope in this way to ward off the disease. Later on I will be able to report on the results, but even if this should prove successful the covering of a field of plants would entail a good deal of expense. So if we had to depend on the eastern states alone it looks as if the late crop, at least, would have to be grown under glass, as they do in some European countries, but thanks to the variance of our climate, there is little chance that there ever will come a time when muskmelons cannot be grown profitably in some sections of the country, and plentifully enough to supply all demands in the summer season, though the demand for variety may yet make it quite a profitable industry to grow them under glass for the winter and spring supply. W. S. Croydon.

DAMAGED GRAPES.

I send a few grapes to show you how they have been injured. If you know of any remedy, please let me know. Would spraying benefit them? M. F. T.

The grapes sent have been stung by some insect, probably the grape curculio. It is too late now to spray, as the fruit is too near the ripening stage to safely use poison. It is during the month of June and July that these insects work the harm by stinging the fruit. Only a small, round, black mark is visible when the berries are first stung, but this gradually increases in size until they assume the proportions as shown in the samples sent. Spraying has not been found very effective and the surest method of saving the fruit when this insect is troublesome is to encase the bunches in paper bags. This entails quite a little work, but it does not take so long as one would at first think. The bunches ripen well in the bags and come out so nice and clean that they always command the highest market price. In bagging, when done late, the bunches can be looked over and any damaged berries removed, but the work should be done early in June, before the insects have had a chance to do any damage. W. S. Croydon.

PERKASIE, PA.—There was a very severe wind storm here August 10, which demolished the greenhouse of J. H. Werst. The structure was 40x200 and seventeen feet to the ridge, used for forcing tomatoes. The proprietor is a hard-working man who stands high in the community. He has the sympathy of all his neighbors in the loss which he has sustained.

WANT ADVERTISEMENTS.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—A gold dollar for 50 cents is the kind of a bargain offered in our greenhouses, stock, dwelling, 4 acres — everything; located in Central Ohio. Address S. L. Harper, 3731 North 30th Street, Tacoma, Wash.

FOR SALE — Horizontal tubular hot water boiler in first-class condition, 9 ft. 6 in. long, 36 inches in diameter; price, with grate bars, front and breeching complete, $90.00; small florists's ice box, little used, $30.00; practically new Deane steam pump, $25.00; above prices cash f. o. b. St. Louis, Mo. J. W. Dunford, Clayton, Mo.

FOR SALE—An elegant greenhouse plant, up-to date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 192, care Florists' Review, Chicago.

FOR SALE — Bargain. One 15-horse power Economical boiler, in A-1 condition; new stack and fittings. If taken at once, $50.00 f.o.b. car. A. Fischer, Box 277, Risingsun, Ohio.

WANTED—A good grower of roses and carnations, general stock plants, to take charge of 8,000 ft. glass. Write at once for full information to John Lester, Ottawa, Kan.

WANTED—To rent greenhouses with stock. Address No. 201, care Florists' Review, Chicago.

WANTED—Partner with about $3,000 cash to take half interest in 10 000 ft. greenhouse plant and 15 acres ground near Chicago, well stocked with plants; splendid opportunity; practical man preferred. Address No. 200, care Florists' Review, Chicago.

SITUATION WANTED—By a good grower of cut flowers; married; able to take charge; best of references; west or middle west. Chas. Duerr, 815 N. Wahsatch Ave., Colorado Springs, Colo.

FOR SALE—Cheap. Dwelling of six rooms; greenhouses, covering 6000 feet of glass; stable, sheds, etc. Also three lots of ground. Mrs. K. Jaeger, Fulton and Jackson Avenues, Jersey City, N. J.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouse built last year; 8000 ft.; 2½ acres ground; 50 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

FOR SALE—Three greenhouses; new boiler; double thick glass; fine order; doing good business; sold at great sacrifice; size of each 120x28 feet. A. A. Nall, care General Delivery, Detroit, Mich.

SITUATION WANTED—By an up-to-date florist, 32 years old; eastern and western experience; finest references; expert designer and decorator and manager of first-class establishments. Wishes a good position about October 1. California or Western States preferred. Address No. 198, care Florists' Review, Chicago.

WANTED—Storeman, in the best store in an Ohio city of 450,000; must be highly respectable and have first-class ability as salesman, designer and decorator; character must bear strictest investigation; state salary, etc. Address No. 196, care Florists' Review, Chicago.

WANTED — Day fireman who understands steam boilers, pipe fitting and general jobbing work around greenhouses; married man preferred who would board two or three single men; will find five-roomed house on the place. W. K. Partridge, Station R, Cincinnati, O.

FOR SALE—Four greenhouses, 8000 square feet of glass; located at Marshall, Mo., a town of 6000 inhabitants, on two railroads. 85 miles east of Kansas City. Shipping facilities good. Also dwelling house with five rooms, adjoining. Can be bought cheap. Address T. H. Harvey, Marshall, Mo.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14,000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

FOR SALE—Four greenhouses, heated by hot water, well stocked; good retail business; 4 railroads; in city of 10,000 in Indiana; fine dwelling, 7 rooms and bath; plenty of good soil; price reasonable; good reason for selling. Address No. 188, care Florists' Review, Chicago.

FOR SALE—A good thing for some live man. Six greenhouses that will average 20x50; Three acres of land; steam heat; cheap fuel; natural gas; car line passes place. Present owner in other business. Call on or address Flanders Bros., Marietta, Ohio.

SITUATION WANTED—As foreman by a first-class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 184, care Florists' Review, Chicago.

FOR SALE—15 horse-power, upright, steel boiler; fitted for steam or hot water. Price $50.00 f. o. b. Chase & Son, New London, Ohio.

FOR SALE—Three acres; 3 large greenhouses complete new 7-room house; best soil and location; half hour from New York City, on Long Island; terms to suit. John A. Rapelye, Elmhurst, L. I.

WANTED—Young men who have had experience in growing roses or carnations. W. K. Partridge, Station R, Cincinnati, O.

SITUATION WANTED—In flower store; good designer and plant salesman; 10 years in last place; Eastern States preferred. Address 14, General Delivery, Charlestown, Boston, Mass.

WANTED—A saved and sanctified experienced florist, one who is a practical working foreman. After ability and honesty are proven can arrange to lease or put in full charge of business. 8000 square ft. of glass in roses, carnations, mums and potted plants. Man and wife can be arranged for. Protestant preferred. Board and room furnished until satisfaction proven. Communicate at once, give full particulars and references. H. B. Thompson, 10 Pike St., Canonsburg, Pa.

WANTED—To buy a second-hand No. 16 Hitchling's hot water boiler. Draper & Clark, Greensburg Ind.

WANTED—An assistant florist; state experience, married or single, references as to character and ability and wages expected. I. L. Pillsbury, Galesburg, Ill.

FOR SALE—Or Rent; old established greenhouses with 6000 feet of glass, with all the paraphernalia incidental to business of this kind. Will make low rent to desirable tenant. Prefer to sell as the owner is non-resident and through physical disability will never again be able to resume the business. This place has good nine-room house and barn, also good heating plant in greenhouses. Will sell much below value and on most any terms to responsible party. Former tenant did thriving business. Just the place for live man. For particulars address Clarence E. Smith, 145 La Salle Street, Chicago.

WANTED—A competent person to open a floral department in a large department store. Address No. 3, care Florists' Review, Chicago.

FOR SALE—At a bargain, or exchange, greenhouse 110x20 feet; town of 4000; only greenhouse in place. Mrs. Thos. Denham, Whitehall, Mich.

SITUATION WANTED — By a good florist, single, age 27; private place. Address No. 1, care Florists' Review, Chicago.

SITUATION WANTED — An experienced fireman for greenhouses, either steam or hot water, is looking for a position for the year around. Single and middle aged, reference furnished. Address No. 2, care Florists' Review, Chicago.

WANTED—A good rose and carnation grower, must be steady and sober, wages $12 00 per week. Write or call on J. F. Ammann, Edwardsville, Ill.

FOR SALE—Boiler 40 in. x 14 ft., 3-in. flues and fittings; also florist wagon. Mrs. Aug. Marx, 1317 N. Michigan Avenue, Saginaw, W. S., Mich.

SITUATION WANTED—As assistant in Greenhouses by an all-round florist; Scandinavian, 35 years old, not afraid to work; middlewest preferred. G. E. Andersen, 630 Maple st., Fostoria, O.

WANTED—A good second hand boiler capable of heating about 2500 feet of 4-inch pipe warm enough for carnations. Apply, stating particulars, to Morton's Evergreen Lodge, Clarksville, Tenn.

For Sale - Cheap.

GREENHOUSES covering 10,000 feet of glass, favorably located in Eastern Pennsylvania, in city of 40,000 inhabitants; well stocked; excellent retail trade. Good reason for leaving the business. Also modern 10-room dwelling, stable, sheds, etc.

Address, G. W. F., 432 N. Eleventh St., ALLENTOWN, PA.

FOR SALE.

Owing to the death of the proprietor, the plant of the Lake Geneva Floral Co. is offered for sale. It consists of 6 houses, with Kroeschell boiler, connected with 3,200 ft. iron pipe: 1 potting room 16x88; 1000 Smilax Roots in different stages of growth; 12 cold frames 6x12, with covering sash; 6,000 pots assorted, from 1⅝-in. to 6-in.; 1250 choice Carnation Plants, ready for housing; extra glass to cover a house 10x48; wire frames for funeral designs; 200 flats, working tools, etc. All situated on large lot, 176x180 feet, with 7-room dwelling house, both of which can be leased for a term of years at reasonable rate. Address W. H. HAMMERSLEY, Lake Geneva, Wis.

FOR SALE!

GREENHOUSES

About 3,500 feet of glass, hot water, first-class boiler, no trouble to keep temperature. Six best geraniums for rooted cuttings. Can sell enough of them to pay for the houses before spring. Carnations in field, Estelle, Queen Louise and Joost, all healthy; plenty plants to fill the houses. Stock plants of other sorts for cutting; large stock of Shasta Daisies in the field, valuable stock; wholesale and retail market established; can sell all you can raise. Must be sold; will sell cheap. Answer quick if you want a bargain.

Address:

D. SMEATON,

38th Street, Des Moines, Ia.

BARGAIN

TOP DELIVERY WAGON for Commercial Growers' purpose, to carry plants or cut flowers; platform, spring, cut under; well made wagon, made by first-class maker. Also good reliable horse, 5 years old. Apply

CHARLES MILLANG,

50 W. 29th Street, NEW YORK CITY

Mention The Review when you write.

THE WEEKLY FLORISTS' REVIEW

"We have had very good returns from the advertisement in the Review and trust we shall be able to give you some more business in the future. For the present we are sold out of stock."

CATION GREENHOUSE CO.,
Per G. Klopfer.

Peoria, Ill., June 20, 1904.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We have hardly seen the sun during the past week and the prospects are for continued cool weather. I think, on the whole, that such a season favors both retailers and growers, as the quality of the stock seen the past few weeks has been superior to that we generally have during the month of August. Business is fair, considering the time of year, and flowers are being bought up in good shape. Roses are either very good or very poor. Many of the wholesalers are drying up their houses preparatory to getting ready for another season's business, and those that are not are cutting some well colored stock. Beauties are scarce. With carnations, the fancy varieties sell at about three dozen for a dollar, but the bulk are not worth much over half that price. Lilium album and rubrum are still in market, also a few longiflorum. Valley has not sold extra well for the past few weeks. Pink amaryllises are being handled in big bunches. Sweet peas are getting scarcer and shorter of stem.

Death of John Rock.

I regret to have to chronicle the death of John Rock, at Niles, on Tuesday last. Mr. Rock was one of the pioneer nurserymen of this coast, starting early in the sixties, near San Jose. He had for twenty years the largest fruit and ornamental place in California. In 1884, together with R. D. Fox, Thomas Meherin, Wm. J. Landers and the late James Hutchison, he organized the California Nursery Co., at Niles, which was then and still is the largest firm on the Pacific coast in the general nursery business. Mr. Rock at the time of his death was general manager and his loss will be irreparable to the trade here. Mr. Rock had been suffering from paralysis for several years and his health had been delicate for some time, but his death was nevertheless unexpected. He was a native of Germany and in his sixty-seventh year. He leaves a daughter, Miss Florence Rock, who has the sympathy of every florist and nurseryman on this coast.

Various Notes.

Attorney George T. Wright appeared before the Board of Works to urge that permits to sell flowers on the sidewalks at points designated by an ordinance of the supervisors be granted to applicants in view of the Superior Court decision that the ordinance is legal. President Schmitz informed him that the board was considering the regulations prepared by L. M. King, to govern the sale of flowers in the free markets. Schmitz stated that the Board would be ready to grant permits next Monday. G.

PANSIES.

Compared with other flowering annuals, I have found the pansy to be the best paying plant of all. We do not grow them for flowers to any extent, but they are purchased by the thousands in the early spring for garden planting and, as the first part of August and, in fact, all through this month is the proper time for planting the seeds, I think a few suggestions are in order. In the first place, the selection of varieties is all important. I have tried many strains here on the coast and each of the important ones have some advantages. Trimardeaus are by far the easiest to raise and they make big, showy plants, and, as many of our dealers sell thousands of young seedlings during the winter season, several months before they are in bloom, this variety is the best to handle, as they make strong plants much sooner than any of the other kinds. They are not, however, as good sellers when in bloom as some of the higher colored sorts, and the grower will find that they run almost exclusively to blues, purples and light colored flowers and to make a good assortment of shades is out of the question. The flowers, however, are of large size and are borne on good stiff stems. The Cassier strain is not of such fast or hardy growth and there is a great difference in the foliage. The flowers are much higher colored, having an abundance of blotched, marbled and striped blooms that are eagerly bought by the public. The Bugnot strain is also of a dwarfer growth than the Trimardeau, but the flowers are beautifully stained and generally run to plenty of light colors, a fact that will be appreciated by all growers. Odiers, especially the large-eyed strain, are splendid sellers and come in the showiest of colors, both plain and blotched. I generally plant a mixture of the Odier, Bugnot, and Cassier strains together and plant a batch of Trimardeau by themselves.

I sow the seeds in flats on soil not over two inches deep, with a light covering of sand and they are large enough to transplant in the open ground by the first of November. There is no advantage in keeping them in boxes after that, as they grow up very spindling during our winter season. The outside beds in which they are transplanted should have been previously dug up several times during the fall and plenty of well rotted manure mixed with the soil. See that the bed is located in such a position that it will not hold a superabundance of water, for, although pansies like plenty of moisture when they are growing, they do not want to have too much of it at the root, and if we are to have another wet spell such as we had last season they must be on high and dry ground to save them. They are gross feeders and do not do their best on sandy soil. Although they are perfectly hardy here, a mulching of light straw I find always advantageous, and then there will be no difficulty in having a succession of blooming plants beginning about the first of February and continuing for three or four months until our planting season is over. G.

PRIMULA POISONING.

I noticed an article in the Review of July 28 regarding Primula obconica poisoning. I have always considered myself immune from plant poisoning; even handling Rhus toxicodendron had no terrors for me. But last winter the tide changed and every time I came in contact with the Primula obconica I was certain of losing a couple of nights' sleep on account of the itching. It even got into my face, causing my eyelids to swell. I would bathe my hands and face before retiring with a solution of baking soda and warm water and then I would be obliged to get up during the night to repeat the application. I do not think the poison deadly, but very annoying. I will discontinue growing them, not for fear of a suit for damages, as suing and getting judgment for damages are far apart. It does not affect everybody that handles it, for my son can handle it, even rubbing the plant and flowers over his hands and face, and it has no ill effects.

John C. Mulder.

In the advertisement of the Metropolitan Material Co., on page 636, the sizes 16x18, 14x20 and 12x16 double strength glass should be quoted at $2.88 and not $2.28 as we had it.

100,000 EXTRA STRONG
Asparagus
Plumosus Nanus
2-INCH, $20.00 PER 1,000
Cash, Express Prepaid;
$2.50 at 1,000 Rate.
CALIFORNIA CARNATION CO., Loomis, Cal.
Mention The Review when you write.

7500
Liberty
Strong, low budded, field-grown plants, just the thing for forcing.
$15.00 per 100; $125.00 per 1000
F. O. B. here. Cash with order.
E. GILL, WEST BERKELEY, CALIFORNIA.
Mention The Review when you write.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.
Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.
F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.
From flats, $1.75 per 100; $15.00 per 1000.
Strong 2-in. plants, 2.00 " 20.00 "
New Crop Shasta Daisy Seed,
Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.
Loomis Floral Co., Loomis, Cal.
Mention The Review when you write.

SAMUEL S. PENNOCK,

Beauties, Cattleyas.

See our Special Offer of extra field-grown carnations on page 603

The Wholesale Florist, PHILADELPHIA.

Mention The Review when you write.

ASTERS. Write for prices on JOOST, KILL, LAWSON and other field-grown Carnations.

EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

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BERGER BROTHERS, **ASTERS**

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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WIETOR BROS.

Wholesale Florists,

51 Wabash Avenue, - - - **CHICAGO.**

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36-inch stems and up	$3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	3 00 to 6 00
Golden Gate	3 00 to 6 00
La France	4 00 to 6 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

Mention The Review when you write.

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in **CUT FLOWERS**

CHOICE CARNATIONS FROM FIELD.

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Asters, Carnations.

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

CUT ROSES DIRECT

From Grower to **DEALER**

Brides, Maids, Meteors, Short Beauties, and Sprengeri. Other goods later.

PRICES LOW. GOODS HIGH.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

FIELD-GROWN CARNATIONS.

1000 Fair Maid	per 100,	$6.00;	per 1000,	$50.00
1000 Joost	"	5.00	"	45 00
1500 Queen	"	5.00	"	45.00
1000 Mrs. Lawson	"	8 00	"	70 00
250 Enchantress	"	8.00		.....
250 Prosperity	"	6.00		.....

C. F. Edgar & Co. WHOLESALE FLORISTS, 1516-18 Sansom St., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Aug. 17.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2 00 to 3.00
Liberty, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.00
" Fancy	1.50
" Novelties	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Asters, Ordinary	.75 to 1.00
" Fancy	1.50 to 2.00
Dahlias	.75 to 1.50
Hydrangeas	2.00 to 3.00
Lilium Auratum doz.	1.00 to 1.50
" Harrisii doz.	.75 to 1.00
Smilax	10 00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50 to .75

Mention The Review when you write.

SMITH'S CHRYSANTHEMUM MANUAL

[BY ELMER D. SMITH.]

A Complete Practical Treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

80 PAGES, 18 ILLUSTRATIONS
TWENTY-FIVE CENTS POSTPAID

FLORISTS' PUBLISHING CO.

334 Dearborn St., CHICAGO.
(Caxton Building.)

Mention The Review when you write.

Boston Ferns...

10-inch pans.....$1.50 each
12-inch pans..... 2.00 each

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

DEFIANCE, OHIO.—The DeKalb, Ind., Circuit Court has awarded C. Winterich, of this city, $750 damages against the town of Garrett, his greenhouses having been damaged to that extent by a defective sewer.

IN THE advertisement of Peter Reinberg, on page 565, the price of Nelson and Flora Hill carnations should read $5.00 per 100; $45.00 per 1,000.

WE like the REVIEW and expect to take it as long as we are in business.—C. D. MILLS, Jacksonville, Fla.

WE are very much pleased with the REVIEW and always find much information in it.—D. A. VINCENT, Ionia, Mich.

KAISERIN ROSES, ASTERS, CARNATIONS

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., **PITTSBURG, Pa.**

Always mention the Florists' Review when writing advertisers.

Charles Millang, 50 W. 29th St. **New York**

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. **NEW YORK.**
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
Mention The Review when you write.

ESTABLISHED 1873.
JOHN J. PERKINS
WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK.
Tel. No. 956 Madison Square.
WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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ALEX. J. GUTTMAN,
Wholesale Florist.
hipments daily all over the country.
Correspondence Suggested.
52 West 29th St., · NEW YORK.
Tel. 1664-1665 Madison Sq.
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FRANK MILLANG,
CUT FLOWER EXCHANGE.
Coogan Building, 55-57 West 26th St. **NEW YORK CITY.**
Phone 299 Madison Square.
Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Aug. 17.

		Per 100
Beauties,	Specials	$6.00 to $20.00
"	Extra	4.00 to 6.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
" Selects		.50 to 1.00
" Fancies		1.00 to 1.50
" Novelties		1.50 to 2.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, per bunch		6.00 to 10.00
Asters		.50 to 2.00
Dahlias		2.00 to 3.00
Gladioli		.35 to 1.00
Lilies		5.00 to 6.00
Lily of the Valley		1.00 to 2.00
Smilax		5.00 to 8.00
Stocks		5.00 to 10.00
Sweet Peas	per bunch,	.01 to .02

ERIE, PA.—The S. Alfred Baur Co. has removed to 710 State street and sends out a neat card of announcement.

GARRETT, IND.—Christ Winterich has been awarded a judgment for $750 against the town for damage caused by flooding his property.

FRANK H. TRAENDLY. CHARLES SCHENCK.
TRAENDLY & SCHENCK,
Wholesale Florists
AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED
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FORD BROS.
111 W. 30th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.
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VIOLETS our specialty.
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NEW YORK CUT FLOWER CO.
GENERAL MANAGER
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Wholesale Commission Florist,
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WHOLESALE FLORIST,
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Telephone No. 325 Madison Square.
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Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
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A Daily Cut from 40 Growers.

"Highest Qualities" as well as "Under Grades" at ruling market quotations.

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WHEAT SHEAVES,

Wicker Pot Covers, Plant Stands.

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IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

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Carriage paid, $1.50.

Always mention the Florists' Review when writing advertisers.

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Buffalo, Aug. 17.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations, Common	1.00 to 1.50
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.20 to 1.50
Gladiolus	.50 to 2.50
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.15 to .20

DORONICUMS.

Propagation is simple, as dividing the roots at any time will produce a stock of vigorous growing plants in a short period. The Austrian form, D. austriacum, is the earliest to produce its flowers. Its height is about three feet. The flower stems are much branched, and very free. The leaves are deep green, almost smooth, and very slightly toothed at the edge. The golden yellow flowers have an orange-colored disc, and are about two and a half inches in diameter. D. austriacum Clusi is a dwarf-growing form, more compact in habit, and deeper in the tint of its flowers. The latter open fully three weeks later than the type; in this way it is a gain. From my experience, it seems difficult to obtain true to name, the type being sometimes supplied for Clusi. D. austriacum plantagineum excelsum is, in my opinion, much the finest form of all for any purpose. It grows to a height of about four feet, and is less branching than D. austriacum. The flowers are cup-shaped, and the leaves deeply incised at the edge. The flowers are deep yellow, and the long, stout stems enhance the value of this variety for cutting.—E. Molyneux in Gardeners' Magazine.

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A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

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Water Lilies, 40c to 50c per 100.

Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.

Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.

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ROSES High Grade cut blooms at all times

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Galax Leaves, Bronze, $1.00 per 1000. Ferns, Fancy and Dagger, 90c per 1000 or 4000 for $3.00. Ivy Leaves, English, $5.00 per 1000. Sphagnum Moss, 60c per bag; $1.25 per large sack.

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YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

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Chicago, Aug. 17.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts.... per 100, $4.00 to $6.00	

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 5.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
La France	5.00 to 6.00
Chatenay	2.00 to 5.00
Carnations, Fancy	2.00
" Common	1.00 to 1.50
Asters	.50 to 1.50
Sweet Peas	.25 to .40
Easter Lilies	$1.50 per doz.
Auratums 1.25 to 1.50	
Gladioli per doz. 25c to 50c.	

Chas. W. McKellar,

WHOLESALE COMMISSION FLORIST,

And Dealer in

ALL Florists' Supplies,

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Long Distance Phone Central 3595.

A Specialty

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.

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Wholesale Cut Flowers

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Wholesale Growers and Shippers of CUT FLOWERS

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

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THE "OLD RELIABLE" FOR

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Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

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Write for special quotations on large orders.

Test the Merits of your Cut Flower Stock

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THE FLOWER GROWERS' MARKET, 60 Wabash Ave. CHICAGO,

FURNISHES AT VERY LOW COST

SELLING SPACE, COUNTERS, SHIPPING FACILITIES, ICE BOX, HEAT, WATER, LIGHT and CUSTOMERS.

ENGAGE SPACE NOW FOR THE COMING SEASON

PERCY JONES, Manager.

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Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

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All telegraph and telephone orders given prompt attention.

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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

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SUCCESSOR TO

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Seasonable CUT FLOWERS OF EVERY VARIETY

FIELD-GROWN CARNATIONS

Prosperity....$6.00 per 100	Joost.....$5.00 per 100	McGowan.....$5.00 per 100	Morning Glory ....$6.00 per 100	Portia .....$5.00 per 100
Melba ..... 5.00 "	Scott..... 5.00 "	Lillian Pond.... 6.00 "	Queen Louise..... 5.00 "	Flora Hill .. 5.00 "

The Philadelphia Wholesale Flower Market, 1228 Cherry St. Philadelphia

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Wholesale Cut Flower Prices.

St. Louis, Aug. 17.

		Per doz.
Beauties,	Specials	$2.00 to $2.50
"	Extra	1.00 to 1.50
"	No. 1	.60 to .75
		Per 100
Brides and Maids,	Specials	$4.00 to $5.00
" "	Extra	2.00 to 3.00
" "	No. 1	.50 to 1.00
Carnot		4.00 to 5.00
Golden Gate		4.00 to 5.00
Kaiserin		4.00 to 6.00
Liberty		3.00 to 5.00
Meteor		3.00 to 5.00
Perle		2.00 to 3.00
Carnations, Common		.75 to 1.00
" Selects		1.50 to 2.00
Adiantum Cuneatum		1.00 to 1.25
" Farleyense		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 35.00
" "	Sprays	1.00 to 1.25
" Sprengeri	"	1.00 to 1.25
Asters		.50 to 1.50
Gladiolus		2.00 to 3.00
Lily of the Valley		2.00 to 3.00
Smilax		12.50 to 15.00
Sweet Peas		.15 to .25
Tuberoses		3.00 to 4.00

Milwaukee, Aug. 17.

		Per 100
Beauties, Extra		$25.00
" No. 1	10.00 to	18.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, No. 1	4.00 to	6.00
" " No. 2	2.00 to	3.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	8.00
Liberty	2.00 to	6.00
Mme. Chatenay	2.00 to	5.00
Meteors	2.00 to	5.00
Carnations, Common	.75 to	1.00
" Selects		1.50
Adiantum Cuneatum	.40 to	.60
Asparagus plumosus,	Strings 35.00 to	50.00
" "	Sprays 35.00 to	50.00
" Sprengeri	" 3.00 to	4.00
Asters	.50 to	1.50
Gladiolus	.75 to	2.00
Lilium Auratum	1.00 to	1.50
Lily of the Valley	2.00 to	4.00
Smilax	8.00 to	10.00
Sweet Peas	.25 to	.40

The Review has been of great benefit to us.—W. H. Newman, Akron, N. Y.

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Solicits your orders with confidence that he can serve you to your entire satisfaction.

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WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

38-40 Miami Avenue, Detroit, Mich.

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C. A. KUEHN WHOLESALE FLORIST

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J. M. McCULLOUGH'S SONS,

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Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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C. E. CRITCHELL,

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36 EAST THIRD ST., **Cincinnati, Ohio.**

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Wholesale Cut Flower Prices.

Cincinnati, Aug. 17.

		Per 100
Beauties,	Extra	$20.00 to $25.00
"	No. 1	10.00 to 15.00
"	Shorts	4.00 to 8.00
Brides and Maids,	Specials	5.00
" "	Extra	4.00
" "	No. 1	3.00
" "	No. 2	2.00
Golden Gate		2.00 to 5.00
Kaiserin		2.00 to 5.00
Liberty		2.00 to 5.00
Meteor		2.00 to 4.00
Perle		2.00 to 4.00
Carnations, Common		.50
" Selects		.75 to 1.00
" Fancies		1.50 to 2.50
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	40.00 to 50.00
" "	Sprays	4.00 to 5.00
" Sprengeri,	"	2.00 to 3.00
Asters		.50 to 2.00
Dahlias		2.00 to 4.00
Daisies		.25 to 1.00
Gladiolus		2.00 to 4.00
Lilium Longiflorum		8.00 to 12.50
Smilax		10.00 to 15.00
Common Ferns		.15

Pittsburg, Aug. 17.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	12.00 to 15.00
"	No. 1	6.00 to 10.00
"	Shorts	3.00 to 5.00
Brides and Maids,	Extra	2.00 to 6.00
Cusin		2.00 to 4.00
Kaiserin		2.00 to 10.00
Liberty		3.00 to 6.00
Carnations, Common		.50 to 1.50
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	25.00 to 50.00
"	Sprays	1.00 to 2.00
Asters		.50 to 2.00
Gladiolus		2.00 to 4.00
Lily of the Valley		3.00 to 4.00
Smilax		6.00 to 10.00
Sweet Peas		.10 to .50

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SEND a picture of your place to the Review for publication.

SEND a picture of any well executed floral design or decoration.

SEND a picture of any well-grown specimen plant or house of plants.

The photographs need not be anything more than good, "sharp" pictures, that is, clear in detail. Be sure to write your name and address on each one.

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SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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Long Distance Phone 3478.
Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

No. 119 16th Street, OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

THE NEW

SEASON

..IS NOW..

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You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

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Tel. 2065 Madison Sq. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town florists for Steamers, Commencements, Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.
Telegraph, Telephone or Write Us.

FRED C. WEBER, FLORIST,

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There are two traditions as to the origin of the rose. According to Sir John Mandeville, a Jewish maid of Bethlehem (whom Southey names Zillah) was beloved by a brutish sot named Hammel. The maiden rejected this suitor, and he, in revenge, accused Zillah of offenses for which she was condemned to be burned alive. When brought to the stake the flames refused to hurt Zillah, but burned Hammel to a cinder. There she stood in a garden of roses, for the brands which had been kindled became red roses, and those which had not caught fire white ones. These, according to the tradition, were the first roses that bloomed on earth since the loss of paradise.

Then, according to a Mussulman tradition, the rose is thus accounted for: When Mohammed took his journey to heaven the sweat which fell on the earth from the prophet's forehead produced white roses, and that which fell from the animal he rode upon, named Al Borak, produced yellow ones. At the present day the sellers of roses in eastern towns cry aloud in the streets, "The rose was a thorn and the sweat of the prophet Mohammed dropping upon it formed it into a rose."—Wisconsin State Journal.

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FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

THE KEW collection has been enriched by two very distinct novelties, interesting if not of trade value. Stapelia Pillansii has stems something like those of S. patula, producing clusters of star-like flowers four to five inches across, of a dark purple brown color. Trichocaulon Pillansii is an addition to a genus not often seen in cultivation, as it inhabits the driest parts of South Africa, and under cultivation usually gets so much moisture that it soon dies. It would probably be called a cactus by one who did not know it. Both these specimens come from N. S. Pillans, who collected them in South Africa.

BEGONIA W. H. EDWARDS has large camellia-shaped flowers of pale salmon color, having white flaking and a pronounced white margin to the petals. The flowers are six inches across. It was given an award of merit at the recent Temple show.

HELIANTHEMUMS are fast increasing in variety and popularity on account of their usefulness in rendering that part of the garden where they are planted especially gay in spring and early summer. One nurseryman catalogues no fewer than thirty varieties. The variety of H. roseum known as superba, is one of the very best.

SO MANY losses occur through the careless packing of cut flowers that some hints gleaned from a recent number of the Irish Farming World may be useful to those who will not heed more lengthy exhortations: "Two infallible rules may be laid down for the right treatment of flowers to be sent away. One is to cut them the day before (preferably not in the heat of the sun), and place them in water in a cellar or other cool place until the time for packing. The second is to pack fairly tightly, filling the box with the flowers or with supplementary paper or dry moss. Flowers should not be packed when wet, as they take up sufficient moisture to last them on their journey if first kept in water as above directed. Shrubby, hard-stemmed subjects, such as lilacs, rhododendrons, and roses last better if some of the bark is peeled off to allow them before they are packed to suck up more moisture than they otherwise could do. Perhaps chrysanthemums are the most enduring flowers in transit, but the narcissus genus and anemones and half-opened tulips last well. Red roses are perishable, but tea roses gathered in bud keep fresh for days."

SCHIZANTHUS WISETONENSIS, one of the most valuable introductions in recent years, should, in order to have it in its best character, be treated as a cool greenhouse plant. Very fine specimens can be grown in a 32-sized pot, and as it is found there is among the seedling a good proportion of plants that develop a dwarf compact habit of growth, this type is admirably adapted for pot culture. A suitable compost is made up of good loam, some well-decayed manure, leaf soil and a little sand. The pots must be well drained.

BEGONIA AVALANCHE is a very handsome white flowered variety recently exhibited by Blackmore & Langdon, of Bath, and awarded a certificate of merit by the floral committee of the Royal Horticultural Society.

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Hibiscus, 5 varieties.....		3.00
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Lantanas, 10 varieties. per 1000, $17.50,	40c	2.00
Maranta Massangeana.....	75c	4.00
Nymphaea Odorata Gigantea.....	60c	3.50
Plumbago, Blue and White 3-inch...		3.00
Smilax.....per 1000, $15.00,		2.00
Swainsona Alba.....	40c	2.00
" **Rosea**	40c	2.00

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5¼-in. pots, bushy plants, 8 to 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 11 to 13 in. high, 3 to 4 tiers, 60c. 5½-in. pots, bushy plants, 14 to 16 in. high, 3 to 4 tiers, 75c. 6-in. pots, bushy plants, 16 to 20 in. high, 4 to 5 tiers, 80c, 90c, $1.00.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Cocos Weddeliana—4-in., 15c.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c: 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

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Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5¼-in., 25c to 30c.

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Strong, healthy plants Low Closing Prices

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Perles	5.00	45.00
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A compost of sandy peat and sphagnum moss has been recommended for its culture, and in this the plants are doing excellently with me; but I may say that I have seen plants exhibiting robust vigor in pure fibrous loam, in loam and leaf-mold, and even in soil containing sufficient lime to render the culture of rhododendrons a failure, though soil of the last description was at one time held to be fatal to success with the shortia. One essential evidently is that the compost should be porous, for the plant appears to resent stagnant moisture about its roots in the winter.

Considerable difference of opinion exists as to the correct site for the shortia. Some recommend that it should be grown in shade, and a friend who knows the plant in its native habitat assured me that it carpeted the ground beneath trees; but in this country entire absence of direct sunlight seems to prevent the foliage from assuming that crimson tint which is one of the chief beauties of the plant, and renders it such an attractive object in the autumn. Possibly a position on the north side of a rock-mass, where it may obtain about three hours' sunshine in the summer, is as good a site as can be suggested. My plants are growing in just such a spot, and both situation and soil appear to be to their liking.—S. W. Fitzherbert in the Gardeners' Chronicle.

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Lawson, Nelson, Floriana, Marquis, McKinley, Fair Maid, Morning Glory, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Bradt, Maceo, Gomez, Crane, Adonis.

Roses 2¼-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Golden Gate, Ivory.

Ferns Pierson, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

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Enchantress	$8 to 10.00	Ad. Cervera	6.00
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500	Bradt	4.00	.....
3,500	Glacier	4.50	38.00
1,200	Morning Glory	4.50	38.00
1,800	Peru	4.50	38.00
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Strong Healthy Plants.

Lawson	$6.00	per 100;	$50.00	per 1000
Flora Hill	5.50	"	45.00	"
White Cloud	5.00	"	40.00	"
Guardian Angel	5.00	"	40.00	"

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12,000	LAWSON	per 1000,	$50.00
10,000	WHITE CLOUD	"	45.00
10,000	FLORA HILL	"	45.00

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CROCKER CARNATION PLANTS

4,000 No. 1 Field-grown Plants.
$4.00 per 100—$35.00 per 1,000.

J. W. DUDLEY & SON, PARKERSBURG, W. VA.
Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

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THE VERY BEST FIRST-CLASS

Carnation Plants

at a special discount of 10 per cent from the prices listed below. This offer is good for ten days only. We guarantee the stock.

WHITE	Per 100	1000
Moonlight, new	$10.00	$75.00
Alba	6.00	
Queen Louise	6.00	
Norway	5.00	
Reliance, new	8.00	75.00
Lady Bountiful, new	12.00	100.00
Her Majesty	5.00	
Lillian Pond	5.00	40.00
Wolcott	5.00	
Lorna	5.00	
SCARLET		
Crusader, new	10.00	80.00
Estelle	6.00	50.00
Manley	6.00	
Apollo	6.00	
Adonis	6.00	
PINK		
Fair Maid	6.00	
Mrs. Higinbotham	5.00	40.00
Nelson	6.00	50.00
Cressbrook	5.00	
CRIMSON		
Harlowarden	6.00	50.00
Harry Fenn	6.00	
Roosevelt	5.00	
FANCIES		
Marshall Field (White Variegated)	6.00	50.00
Dorothy Whitney (Yellow Variegated)	7.00	60.00
Tiger, yellow and pink	6.00	

Carnations selling very fast. We advise immediate orders, as some of the varieties are getting low.

E. H. HUNT

76-78 Wabash Ave.

CHICAGO

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FIELD-GROWN CARNATIONS!

RELIABLE STOCK.

Harlowarden, Enchantress, Estelle, Palmer, Her Majesty,

$50.00 per 1000; $6.00 per 100.

Lawson, Guardian Angel, Norway, Joost, Flora Hill, Queen Louise, Peru,

$45 00 per 1000; $5.00 per 100.

CASH WITH ORDER.

PERCY JONES, Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

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FIELD-GROWN

CARNATIONS

Strong and Healthy.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
QUEEN	"	6.00
LAWSON	"	6.00
FAIR MAID	"	6.00
ELMA	"	6.00
MORNING GLORY	"	5.00
MACEO	"	5.00

Also a few thousand seedling Berberis Thunbergii and Rosa lucida. Write for prices.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

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Florists' Review

When Writing Advertisers.

The Best is the Cheapest in the End

52,000 Large, Bushy, Healthy, Field-grown Pink Plants Now Ready.

	Per 100	Per 1000
Enchantress	$8.00	$75.00
Harry Fenn	8.00	70 00
Gov. Wolcott	8.00	70.00
The Queen	8.00	70.00
Queen Louise	7.00	60.00
Boston Market	7.00	60.00
Floriana	7.00	60 00
Lilian Pond	7.00	60.00
Joost	6.00	50.00
Goodenough	6.00	50.00
The Marquis	6.00	50.00

	Per 100
White Lawson	$14.00
Mrs. M. A. Patten	14.00
Fair Maid	8.00
Cervera	5.00
Morning Glory	6.00
Crane	6.00
Maceo	6.00
Marshall Field	8.00
Dorothy Whitney	8.00
May Naylor	7.00
Her Majesty	7.00

250 AT 1000 RATE. CASH.

C. L. HOWE, Carnation Specialist, Dover, N. H.

Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Maceo	crimson	6c
Enchantress	light pink	10c	Floriana	pink	5c
Lawson	pink	7c	Ethel Crocker	pink	5c
Mrs. Potter Palmer	scarlet	6c	Eldorado	yellow	5c
Chicago	red	6c	Success	light pink	5c
J. H. Manley	scarlet	6c	Oriole	scarlet	5c
Mrs. E. A. Nelson	pink	6c	Mermaid	pink	5c
Gov. Roosevelt	crimson	6c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00	per 100;	$50.00	per 1000
Queen Louise	6.00	"	50 00	"
Mrs. Geo. Bradt	6.00	"	50.00	"
Norway	6.00	"	50.00	"
Estelle	6.00	"		
Flora Hill	5.00	"	40 00	"
Joost	5.00	"	40.00	"
Genevieve Lord	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots.....$8.00 per 100

Golden Gate Roses, strong, 4-in. pots 8.00 "

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

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Carnations.

STRONG, HEALTHY, FIELD-GROWN STOCK, as follows:

130 Armazindy	5c	135 Guardian Angel	5c
450 Crane	5c	100 Marquis	5c
375 Enchantress	8c	350 Melba	5c
420 General Maceo	6c	100 Morning Glory	6c
260 Genevieve Lord	5c	900 Mrs. Joost	5c
175 Gov. Wolcott	6c	340 Prosperity	6c

L. L. MAY & CO.

ST. PAUL, MINN.

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Florists' Review

When Writing Advertisers.

CARNATION PLANTS

FINE, HEALTHY STOCK. NO STEM-ROT.

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	4 00	35 00
Higinbotham, pink	5 00	45 00
Flora Hill, white	4 00	35 00
White Cloud, white	5 00	45 00
Queen Louise, white	5 00	45 00
Peru	5 00	45 00
Joost	4 00	35 00
Lord	4 00	35 00

Rose Plants

Bridesmaid, Bride and Ivory, large, clean stock, $18.00 per 1000.

George Reinberg

51 WABASH AVENUE,

CHICAGO.

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J. STERN & CO.

MANUFACTURERS OF

Florists' Supplies and Wax Flowers.

SPECIALTY: WAX FLORAL DESIGNS.

1928 Germantown Avenue, PHILADELPHIA, PA.

Doubtless you saw our Beautiful Exhibit at the Convention.

ESTABLISHED 1841 **ESTABLISHED 1841**

1417 COLUMBIA AVENUE **C. S. FORD,** PHILADELPHIA, ...PA...

Lettering and Novelties in Immortelles, Etc.

ALSO REPRESENTING

A. HERRMAN, Florists' Supplies and Metal Designs, 404-412 East 34th St., NEW YORK.

SIEBRECHT & SON, Palms, Ferns, Decorative Plants, etc. New Rochelle, NEW YORK.

L. H. FOSTER, Dorchester, Mass.

DAN'L B. LONG, Photos and Printed Specialties, Buffalo, N. Y.

CORRESPONDENCE SOLICITED

BOILER ON GROUND LEVEL.

My boiler pit fills up above the grate bars with seep water every time there comes a stiff rainfall. It seems out of the question to find any way to keep the water out without a big expense. I have taken the boiler out of the pit and will have to find some other way to heat the greenhouse. I propose to set the boiler on a level with the ground floor. I have a two and one-half or three horse-power gas or gasoline engine with a force pump. Can I create suction enough to drain the condensed steam from the pipes into some sort of a receptacle or tank placed below the water line in the boiler and from this receptacle force the water into the boiler with the same pump? The lines of pipes will have a perfect gravity fall. The return pipe will be on the bottom of the floor in the engine room. I could use a steam trap for low pressure but a first-class trap will cost $75 or $100 and I can hardly see my way to buy a trap inasmuch as I anticipate changing the plant next year. With a steam trap one has to always have five or ten pounds of steam to show on the gauge before the trap will do good work. I heat with steam.

E. R. O.

By placing a reservoir of considerable capacity, say thirty gallons or more, below the level of the returns and connecting same to a steam trap, not a "return steam trap," but simply a trap which catches and condenses the steam so that water only goes into the reservoir, you can connect a force pump to the engine so as to pump the condensation from the hot well, or reservoir, and return it to the boiler.

A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of

EVERGREENS

GALAX, Bronze or Green

$1.00 per 1000.



FERNS, Fancy, $1.50 per 1000. Dagger, .75 "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 1431 Madison Square.

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Another plan which might be used is to run the plant as a hot water plant during mild weather and operate the pump as above described during such times as the hot water will not do the work. The only loss with such a plan would be the loss of water in the system, which would have to be drawn off each time the change was made. Valves would have to be placed in the return pipes so as to allow for a gravity circulation while using hot water, which would be closed and the condensation caught in the reservoir and pumped into the boiler during severe weather when steam would be necessary. The one trouble with any scheme which does not provide for a gravity system is that if the pump fails to work the boiler may get dry. As a temporary affair, however, the pumping engine can be used. But unless some one is in constant attendance there is more or less risk. Many large plants, where firemen are constantly on hand, use the pump exclusively. In fact, in such cases it is really more economical than to go to the expense of excavating and building pits.

L. C. C.

FOLDING BOXES CHEAP

Write for SAMPLES AND PRICES.

The Aull Bros. Paper & Box Co., DAYTON, OHIO.

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U R NEXT. THAT FOR FIRST-CLASS GOODS AND PROMPT DELIVERY OF FLORISTS' SUPPLIES,

L. BAUMANN & CO.

76-78 Wabash Ave., Chicago,

LEADS THEM ALL.

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ANNOUNCEMENT !

GRAND NEW WHITE CARNATION FOR 1905

WE WILL DISSEMINATE early in 1905 a new Seedling White Carnation. Don't place your orders for a new white until after the forthcoming exhibition of The American Carnation Society in Chicago during January next, by which time we will have fully demonstrated its superior qualities; parentage, Norway x Lawson. Is more vigorous than either, and is superior in every way. Stems two inches longer than Lawson, flower larger, better formed, and sweet scented; does not burst. In short, it is a world beater. A modern, high-class commercial and exhibition variety. By far the best white variety yet raised. It has never yet been exhibited. We still have it under number (119, '01). Name and list price will be announced later. Write us for any information concerning it. Field-grown Carnation Plants ready now:

NEW DAYBREAK	per 100, $12.00	HARLOWARDEN	per 100, $8.00
GOV. LOWNDES	per 100, 8.00	NORWAY	per 100, 6.00
GENEVIEVE LORD	per 100, 6.00		

☞ Write Us for other Varieties and Prices. ☜

H. WEBER & SONS, Growers and Originators of NEW CARNATIONS, **Oakland, Md.**

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BRUNS' VALLEY The Standard of QUALITY

Finest Pips from Cold Storage. $ 1.50 per 100 / 14.00 per 1000

Headquarters for **FANCY CUT VALLEY.** There is None Better.

LEADING PRODUCER OF THE WEST.

H. N. BRUNS, 1409 W. Madison Street, **CHICAGO.**

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$1,200.00
IN PRIZES
THIS YEAR AT THE
H. A. Meldrum Co.'s
THIRD ANNUAL
Flower Show
NOV. 9th to 12th, Inclusive
BUFFALO, N. Y.
ADDRESS:
CHAS. H. KEITSCH, Supt.
810 Main St., Buffalo, N. Y.

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We Want Room

and as long as they last will sell a few nice Piersoni stock in 3-inch at $12.50, 4-inch at $15.00, 6-inch at $75.00, 7-inch at $100.00 per 100. Send order to

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Smilax.
Extra strong, healthy stock

From 2-in., $1.00 per 100; $9.00 per 1000. Cash with order.

JOHN C. HATCHER, AMSTERDAM, N. Y.

Grand Exhibition of GLADIOLUS BLOOMS

At EDEN MUSEE, New York,

23rd St., near 6th Ave. Admission, including Museum, 50c.

August 16 to 21, inclusive.

BY

JOHN LEWIS CHILDS, Floral Park, L. I.

Mention The Review when you write.

5000 SMILAX !

Extra strong, out of 2¼-inch pots, cut back three times, send for sample. $15.00 per 1000, $2.00 per 100. 500 at the 1000 rate.

THOMAS H. PATTERSON & CO.

278 Old York Road, BALTIMORE, MD.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock	$12.00 per 100.
3-inch stock, fine specimens	35.00 "
5-inch stock	75.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

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AA SEEDS...

PRIMROSE IMPROVED CHINESE
Finest grown, large-flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half-pkt., 50c. Have the varieties separate also.

DAISY Double Giant, mixed, 1000 seeds, 25c.

CINERARIA Finest large-flowering dwarf in best mixture, 1000 seeds, 50c.

PANSY GIANT The finest large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50c.

☞ 500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of Giant Pansy Seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses

Always mention the Florists' Review when writing advertisers.

Bassett & Washburn

We extend an invitation to all Florists to stop and see our plants and stock and look at our **FIELD-GROWN CARNATIONS.** We offer the following varieties, **all first-class plants,** at **$5** per 100, in not less than hundred lots. **LAWSON, MORNING GLORY, PROSPERITY, GOV. WOLCOTT, WHITE CLOUD, NORWAY** and a few mixed varieties.

ALSO CAN FURNISH..... **3000 AMERICAN BEAUTY PLANTS,**
in 3 to 4-inch pots, at **$5** per 100; **$40** per 1000.

MME. CHATENAY, 4-inch, **$4** per 1000. All plants shipped from HINSDALE, ILL.

BASSETT & WASHBURN, 76 Wabash Avenue, **CHICAGO.**

Cut Blooms of Dahlias.

WE ARE GROWING 102 ACRES

OF DAHLIAS and can Supply Best Varieties in any Quantity THROUGH REPRESENTATIVES IN

PHILADELPHIA, NEW YORK,
BOSTON, BUFFALO,

OR DIRECT SHIPMENTS FROM THE FARM.

Original American Dahlia Specialist. 20th Year.

L. K. PEACOCK,
ATCO, N. J.

CHEMICALS FOR ROSES.

The following mixture has been recommended as a complete fertilizer for roses under glass:

Superphosphate (high grade), 130 lbs.; sulphate ammonia, 10 lbs.; nitrate soda, 30 lbs.; sulphate potash, 40 lbs.

It is recommended to add one ounce of this mixture to one gallon of water for two square yards of bench or bed surface once a week as the plants need it. This is equivalent to three pounds to forty-eight gallons of water applied to 864 square feet of bench or bed surface, or about six ounces to fifty gallons of water for 100 square feet. This is the right strength for weakly plants. Twelve ounces could be used to fifty gallons of water per 100 feet for strong plants once in ten days or two weeks, as the plants need it. It is safer to use the fifty gallons per 100 feet standard of application, as this is about the amount of water usually applied in an ordinary watering to 100 square feet of bed six inches deep.—Gardeners' Chronicle.

My adv. in the Review did the trick. Thanks.—R. M. Schultz, Madison, N. J.

Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
LAWSON	$6.00	$50.00	FLORA HILL	$5.00	$45.00
ROOSEVELT	6.00	50.00	PERU	5.00	45.00
GOV. WOLCOTT	6.00	50.00	TRIUMPH	5.00	45.00

J. A. BUDLONG, 37 and 39 Randolph Street, **CHICAGO, ILL.**

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ROSES at a Bargain

1500 Bridesmaids, 200 Golden Gates,
300 Ivory. 100 Brides.

Strong 3½-inch pot plants, $6.00 per 100. Cash with order or satisfactory reference.

DAVIS & MAGEE, Toledo, Ohio

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GIANT DOUBLE ALYSSUM

In 3-inch pots, bushy plants.....$2.50 per 100

SMILAX, bushy plants, 3-inch pots, $2.00 per 100.

SPRENGERI, 6-inch pots, four years old, $6.00 per 100.

Cash with order.

G. W. RENARD & BRO., Avondale, Pa.

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DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots.....2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $1.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens.....3.50 each
10-inch pans, fine specimens.....5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3 00 per 100	$ 25.00 per 1000
3 -inch pots	6 00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140 00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $35.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

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FOR IMMEDIATE DELIVERY I OFFER

Begonia Gloire de Lorraine.

2-inch pots, per 100.....$15.00
4-inch pots, very strong, per 100.....40.00
All propagated from leaf cuttings.

Nephrolepis Piersoni.

5-inch pots, per dozen.....$6.00
6-inch pots, per dozen.....9.00
7-inch pots, per dozen.....12.00
Extra fine specimens in 18-in. hanging baskets, each, $7.50.

Pandanus Veitchii.

5-inch pots, 15 inches high, per 100.....$85.00
6-inch pots, 18 inches high, per doz., $15.00; per 100, 120.00
7-inch pots, 22 inches high, per dozen.....24.00
12-inch pots, extra fine specimens, each.....6.00
All fine strong plants, nicely variegated.

Adiantum Farleyense.

2½-inch pots, per 100.....$12.00

J. A. PETERSON, McHENRY AVENUE, WESTWOOD. **CINCINNATI, O.**

Mention The Review when you write.

PALMS.

Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

Mention The Review when you write.

Boston Ferns

Cut from bench,
$5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench,
$5.00 per 100; $40.00 per 1000.
Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. Dorchester, Mass.

Mention The Review when you write.

SEASONABLE STOCK

We have the following in first-class shape. If you are in need of any of these, you cannot do better either in plants or prices.

Asparagus Sprengeri 2½-in. pots, $2.00 per 100; $18.00 per 1000. We have 100,000 of these in fine shape.

Asparagus Plumosus 1¼-inch pots, $2.00 per 100; $18.00 per 1000. This is fine young stuff.

SMILAX—1¼-in. pots, $1.50 per 100; $12.00 per 1000. This is also fine.

Let us have your order at once.

THE GOOD & REESE CO., Springfield, Ohio

THE LARGEST ROSE GROWERS IN THE WORLD.

Look for **L. Baumann & Co.**

76-78 Wabash Ave., Chicago,

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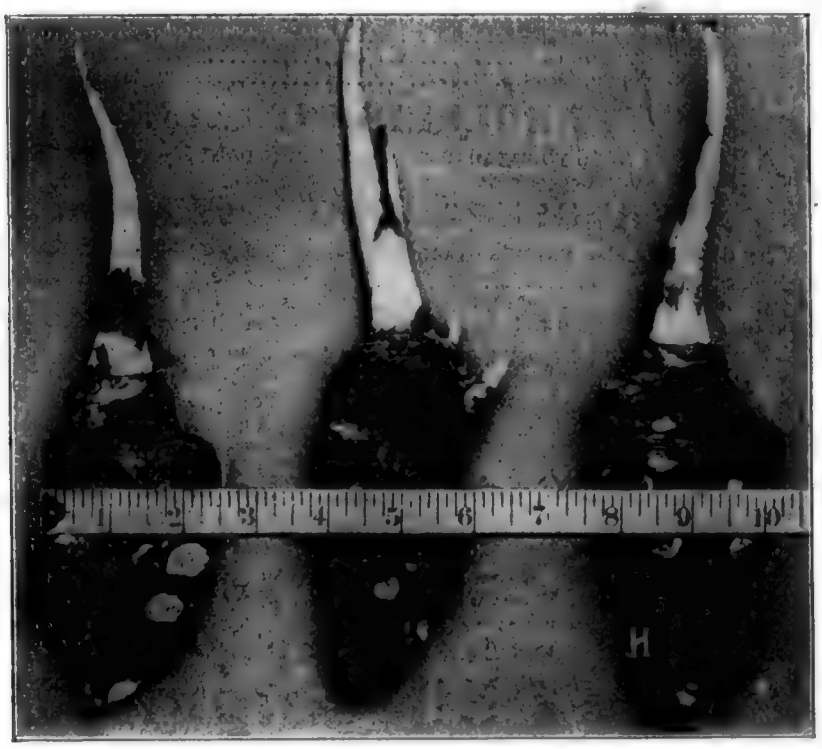
ORCHIDS

ARRIVED—Large Shipments in SUPERB CONDITION.
See our advertisement in issue of June 30, p. 273.
Write for special list.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

Lilium Harrisii Bulbs



NOW READY!

Carefully selected and guaranteed 85 per cent. true stock.

Size.	Per 100	Per 1000
5 to 7	$4.00	$32.50
7 to 9	8.00	78.00
9 to 11	16.00	155.00

FREESIA REFRACTA ALBA

True Bermuda Grown.

3/8-in. and up, per 100, **75c**; per 1000, **$5.00**
5/8-in. and up, per 100, **90c**; per 1000, **7.50**

CALLAS--Now Ready

Best Northern Grown California CALLAS, Sound Bulbs.

	Per 100	Per 1000
1¼ to 1½-inch diameter,	$4.00	$37.50
1½ to 2 -inch diameter,	6.00	55.00
2 to 2½-inch diameter,	9.00	85.00

E. H. HUNT, WHOLESALE FLORIST, 76-78 Wabash Ave. **CHICAGO**

VIBURNUM TOMENTOSUM.

The beautiful shrub generally known as Viburnum plicatum is really a variety of this species. In its typical state V. tomentosum has a flat, umbellate inflorescence, the centre flowers of which are small and structurally perfect; whilst those on the margin are large and imperfect—i. e., they have no stamens or pistil. In the variety plicatum all the flowers are of this showy sterile kind, and the inflorescence becomes more rounded in form, resembling that of the common "snowball tree," V. opulus sterilis. Introduced from Japan by Fortune about fifty-five years ago, twenty years in advance of its parent type, V. plicatum has always been the better known plant of the two. Had one to choose between them, preference would perhaps be given to this one; but as there is no such necessity, one may well grow both, for they are not only very beautiful, but are more distinct from each other than many separate species are.

This season V. tomentosum has been particularly fine. Its branches have the same stiff, horizontal pose so characteristic of V. plicatum, and they bear the flowers (which are white) in similar double rows of corymbs, each about 4 inches across. J. Veitch & Sons have recently distributed a form of V. tomentosum with an inflorescence similar to that of the type but even finer; they have named it Mariesii.—Gardeners' Chronicle.

In the adv. of the Niagara Cement and Concrete Co., page 551, issue of August 11, the prices quoted on galvanized wire rose stakes should read per 1,000.

CLEARING OUT

SALE OF NURSERY STOCK

Land taken into the city cause for wanting to sell the entire Nursery Stock in one lot or part. A good bargain to anyone who will buy the entire lot. Stock is all merchantable size.

6,200 Shade Trees—Ranging from 7 to 15 feet, average 12 feet, mainly comprising Sugar and Norway Maples, Linden, Elms, Horse Chestnut, etc.

4,900 Evergreens—Spruce, Arbor-vitae and Retinospora, in variety, ½ to 10 feet high.

5,400 Shrubs—In variety, 1 to 4 feet high.

300 Yucca—Strong, 6-year-old Clumps.

300 Privets—Standards, nice heads, 6-year-olds.

400 " Round Bushes, shorn 6-year-olds.

30,000 " Heavy, for Hedging, 3-year-olds.

100,000 " Strong, for Hedging, 2-year-olds.

SEND FOR LIST

C. RIBSAM & SON, Trenton, N.J.

John Breitmeyer's Sons,
Florists,
Detroit, Michigan.

La Detroit

Will be grown by us exclusively for a pink rose the coming season. No other pink variety now grown having the productiveness or other good qualities.

Keep your eye on it.

TO-BAK-INE

THREE INDISPENSABLE PRODUCTS

To-Bak-Ine Fumigating Paper

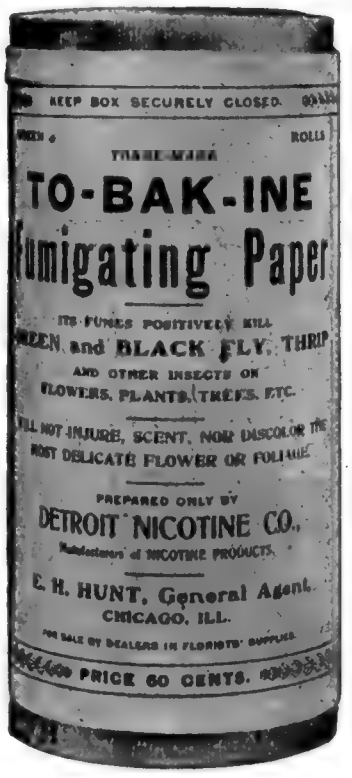
Is an especially prepared paper **thoroughly saturated** with pure **nicotine**, making it the most powerful insecticide known. The ease with which it is used and the fact that it **does not** injure any flower or plant strongly recommends it. **1 box (12 rolls) 60c; 1 box (144 rolls) $6.50.** **To-Bak-Ine Fumigating Paper** sheets measure full 36 inches. They are longer and contain over 25 per cent. more **nicotine** than other similar products.

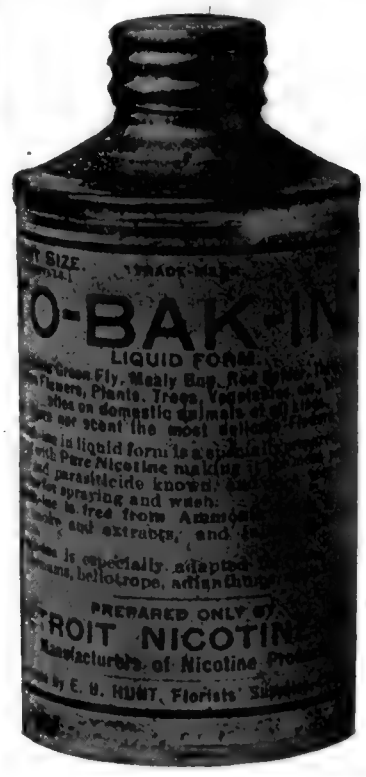
TO-BAK-INE Liquid.

Is a CONCENTRATED solution of PURE NICOTINE adjusted by chemical assay; freed from ammonia. For **spraying** or **vaporizing** it is unequalled, both as to effectiveness and economy.

Full description and directions found in our To-Bak-Ine booklet, sent free.

¼ pint can **60c**; ⅛ pint can, **$1.10**; 1 pint can, **$2**; 1 gallon can, **$15.**







TO-BAK-INE Fumigating Powder.

Kills all kind of APHIS.

"AN ARTICLE OF MERIT—UNIFORM IN STRENGTH."

Produces a **slow** fumigation, which in some cases is very desirable. It is **unlike** any other powder in the market as it contains **no sand, freed** from **all ammonia,** and a definite amount of **pure nicotine is added**, making it **uniform.**

50-lb. bag, **$1.50**; 100-lb. bag, **$3.**

Full directions for using in our descriptive booklet, sent free.

E. H. HUNT, 76-78 Wabash Ave., Selling Agent, CHICAGO

BEATING THE WHITE FLY.

Last winter I related my experience with the white fly. By persistent syringing with hot water I destroyed nearly all the swarm. A few escaped but gave me no further trouble until the planting season had passed, when I found they were injuring my stock plants. Another campaign was needed and winter tactics impossible. Studious observation proved that they were quite partial to certain individual plants and, while visiting many, assembled in force and deposited their eggs on but a few. This was the key to their destruction. I used those plants as lures and traps, standing them in open order, so as not to unduly disturb the flies when handling the plants.

After dusk, when the flies do not take wing readily, I prepare a pail of water at the temperature of 120 degrees, and a kettle of scalding water to maintain the temperature during the operation. By handling the plants gently and quickly inverting and immersing them for a second or so I destroy the flies and their eggs and "set 'em up again."

Some will escape and the operation may need repeating, but it is done so easily and rapidly and is so thoroughly effective that I have no longer any dread of the little rascals. J. T.

GREENSBURG, IND.—Draper & Clark have completed an addition to each of their three houses.

MILWAUKEE, WIS.—Kapsalis & Lambros have dissolved partnership by mutual consent. The business will be continued by B. G. Lambros.



H. J. SMITH, WHOLESALE DEALER IN HARDY CUT FERNS, etc.

FANCY and DAGGER FERNS, Moss, Laurel, Bouquet Evergreen, Spruce and Balsam Boughs for cemetery use.

Also **Laurel and Evergreen Wreaths and Festooning. The best in the market.**

Write for prices in any quantity. **HINSDALE, MASS.** Our stock is always the best.

CARNATIONS!

Fine, Healthy, Field-Grown Stock.

JOOST and QUEEN LOUISE, $6.00 per 100.

Read What Others Say About Our Stock:

WASHINGTON, D. C., July 20, 1904.

Mr. H. M. TOTMAN. Dear Sir:—We are pleased to state that the 1000 Joost carnation plants received from you last fall were very fine, healthy stock and reached us in fine condition and proved satisfactory in every particular. Yours truly, A. GUDE & BRO., Florists.

H. M. TOTMAN, Randolph, Vt.

Mention The Review when you write.

ROSES.

10,000	2½-in. Maids	$20.00 per 1000
10,000	3½-in. Brides	40.00 "
10,000	3 and 3½-in. Beauties	$5.00 per 100, $45.00 per 1000.
	2½-in. Beauties	$35.00 per 1000
2,500	3½-in. Gates	40.00 "
500	3½-in. Franz Deegen	4.50 per 100
1,500	3½-in. Perles	4.50 "
15 000	2½-in. Stevia	2.00 "
Stevia R. C.		$1.50 per 100, 12.00 per 1000

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.



The Largest Stock of DECORATIVE PLANTS

In the West, if not in the whole United States, is in our two big ranges. We have been steadily increasing our facilities for growing **CLEAN, HEALTHY plants** and are very strong on some of the best selling items, including **KENTIAS, LATANIAS** and **ASPARAGUS.** We have gained the **confidence of the trade** by sending out nothing but **FIRST-CLASS STOCK** and do not propose that anything else shall ever go out of our place.

LET US HAVE YOUR ORDER NOW FOR IMMEDIATE OR FUTURE SHIPMENT.

WHOLESALE PRICE LIST.

Variety	Size inches	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Kentia Belmoreana	4	15-17	5-6	....	$4 00	$30 00
" "	5	18-20	5-6	....	7 50	60 00
" "	6	22-24	6	$1 00	....	.....
" "	6	22-24	6-7	1 50	....	.....
" "	7	32-36	6	2 50	....	.....
" "	8	34-36	6	4 00	....	.....
" "	9	34-40	6	6 00	....	.....
" "	10	40-46	6-7	8 00	....	.....
Kentia Forsteriana	4	20-22	4-5	....	4 00	30 00
" "	5	24-27	4-5	....	7 50	60 00
" "	6	26-30	5	1 00	....	.....
" " made up.	7	30-36		1 50	....	.....
" " "	7	34-38		2 50	....	.....
" "	8	42-48		3 00	....	.....
" "	7	34-38	5	2 00	....	.....
" "	8	36-40	5	4 00	....	.....
" "	10	58-64	6-7	9 00	....	.....
Areca Lutescens	4	14-16		....	3 00	.....
" "	5	20-26		....	5 00	.....
" "	6	26-30		....	9 00	.....
" "	7	32-36		1 00	....	.....
" "	8	34-38		2 50	....	.....
Latania Borbonica	5	14-16	4-6	....	5 00	35 00
" "	6	16-18	5-6	....	7 00	45 00
" "	7	18-20	7-8	....	12 00	75 00
" "	8	20-24	7-8	1 25	....	.....
" "	8	22-26	7-8	1 50	....	.....
Phoenix Canariensis	12	46-52		5 00	....	.....
Ficus Elastica	4	10-12		....	3 00	.....
" "	5	14-18		....	6 00	.....
" " branched	5			....	6 00	.....
" " "	6			....	9 00	.....
" " "	7			1 00	....	.....
Araucaria Excelsa	4	tiers	2-3	....	6 00	.....
" "	5	"	3-4	1 00	....	.....
" "	6	"	4-5	1 25	....	.....
" "	6	"	5	1 50	....	.....
" " compacta.	6	"	3	1 50	....	.....
Cocos Weddeliana	3			....	2 50	.....
"	5			1 00	....	.....
Pandanus Vietchii	5			1 00	....	.....
" Utilis	5			....	5 00	.....

Variety	Size inches	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Nephrolepis Bostoniensis	4			....	$2 00	.....
" "	5			....	3 00	.....
" "	6			....	6 00	.....
" "	7			....	9 00	.....
" "	8			$1 00	....	.....
" "	10			1 50	....	.....
" Piersoni	5			....	3 00	.....
" "	6			....	6 00	.....
" "	7			....	9 00	.....
Dracaena Indivisa	4			....	....	$10 00
" Fragrans	4			....	3 00	.....
" "	5			....	6 00	.....
" "	6			....	9 00	.....
" "	7			....	12 00	.....
" Massangeana	5			1 00	12 00	.....
" Terminalis	5			....	6 00	.....
" "	6			....	9 00	.....
Asparagus Plumosus	2			....	....	3 00
" "	3			....	1 00	8 00
" "	4			....	1 50	.....
" "	5			....	3 00	.....
" "	6			....	4 00	.....
" Sprengeri	2			....	....	3 00
" "	3			....	75	6 00
" "	4			....	1 50	10 00
" "	5			....	2 00	20 00
" Decumbens	2			....	....	4 00
" "	3			....	....	8 00
" Scandens Def	2			....	....	4 00
" " "	3			....	....	8 00
Fittonia Verschaffeltii	6			....	4 00	.....
" White	6			....	4 00	.....
Maranta Massangeana	6			....	4 00	.....
Croton	4			....	3 00	.....
Poa Trivialis Var	3			....	....	6 00
Adiantum Cuneatum Var	4			....	1 50	.....
" "	5			....	2 00	.....
Sitolobium Cicutaria	6			1 00	....	.....
Ferns for Dishes	2			....	....	3 00
"	3			....	....	8 00
Fern Balls				....	4 20	.....
Cycas Revoluta				25c to $4.00 each		

The GEO. WITTBOLD CO.

1657 Buckingham Place. CHICAGO.



THE NEW VARIEGATED BEGONIA, "TEMPLIN II."

CORRESPONDENCE SOLICITED.

BEGONIA "Templinii"

A VARIETY OF MARVELOUS BEAUTY

This magnificent Begonia is a novelty of sterling worth and is destined to become the most popular Begonia ever introduced.

As a bedder or decorative plant for house culture it is without a peer.

Will be ready to book orders after February 15th for March 15th delivery, 3-inch pot plants in very limited quantities only.

For further information watch this space in February and March issues or address

The Templin Co.

CALLA, OHIO.

CHOICE

PANSY SEED

Special mixture from named varieties, or colors separate if desired.

Extra Fine Strains

Trade Pkt., 25c; ¼-oz., 75c; oz., $2.50.

MURRAY'S SEED STORE

PEORIA, - - ILLINOIS

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

There being a rose in commerce under the name of Felicite-Perpetue, the registration name of the new rose registered by M. H. Walsh as Felicity has been changed to Arcadia.

Wm. J. Stewart, Secretary.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

Rose Hill Nurseries,

NEW ROCHELLE, N. Y.

Largest Stock of Palms, Ferns,

DECORATIVE FOLIAGE PLANTS.

The Valuable Giant Maiden Hair Fern.

Strong 2½-inch Stock: **Adiantum Hybridum alias Croweanum,,**
Orders booked for September delivery, $15 per 100; $125 per 1000; 250 at 1000 rate.

Cattleya Labiata Autumnalis,

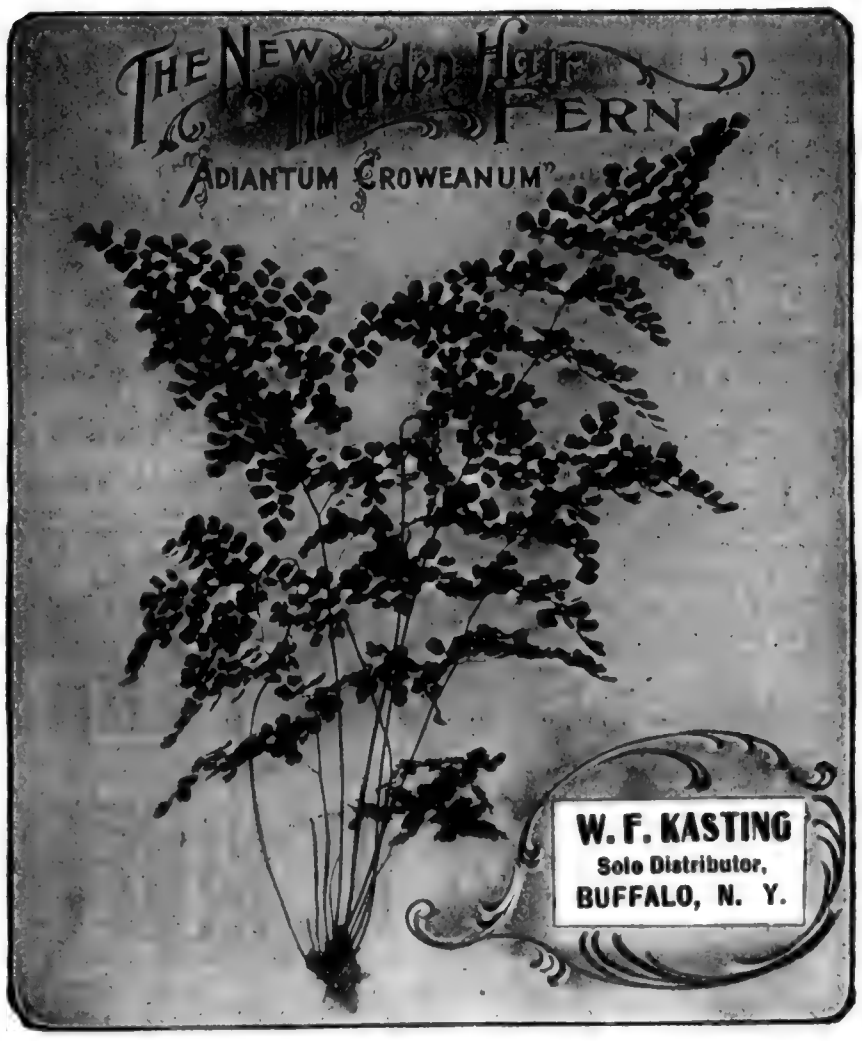
Just received from the woods, $40, $50 and $60 per case.

Siebrecht & Son

ADIANTUM CROWEANUM

The New Maidenhair Fern.

AFTER A THOROUGH and careful examination by all the experts and critics in the trade at the St. Louis Convention, and stood the test so well, the progressive, keen and up-to-date florist should this year buy this standard introduction that is freely conceded to be the best keeping, lasting and money-making, both for cut fronds and plants of all Adiantums ever introduced to the trade. : : :



A Great Acquisition.

The best of all ferns for cut fronds. Brings the highest prices. The easiest to grow and the easiest to sell. Has received the highest encomiums from the leading cut flower dealers in the country.

ADIANTUM CROWEANUM originated at Utica, N.Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets, and has created a great demand for it. **Buy now.** Buy liberally and reap the benefits.

The fronds are **long**, elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

HOW IT PLEASES AFTER TRAVELING ACROSS THE CONTINENT.

Grace Hill Nursery (J. W. Wolfskill, Prop.)
Wholesale Florist, Los Angeles, Cal.,
(Geo. Watson, Mgr.) July 7, 1904.
W. F. Kasting, Buffalo, N. Y.

Allow me to congratulate you on Adiantum Croweanum, which arrived here in fine condition. I thank you for sending such fine stock and trust I shall have success in growing it.

Respectfully, Grace Hill Nursery.

HOW THE CUT FRONDS SHIPPED ACROSS THE ATLANTIC.

With reference to a quantity of fronds sent to Liverpool, Eng., the recipient writes from that port, June 17, 1904, as follows: "The ferns were as fresh as when they were first cut and I believe you can safely send them to Europe, providing they are as carefully packed as these were. They are simply perfect." [Signed] Thomas R. Proctor.

Many strong endorsements given in our Circular of Testimonials, free on request.

Still about 15,000 fine, strong, vigorous 3-inch pot plants to offer. Send in your orders now, and have them filled at once at the following low prices for something entirely new.

$5.00 per doz.; **$35.00** per 100; **$250.00** per 1000. 25 at 100 rate; 250 at 1000 rate.

Also Stock Plants from bench, in size requiring 8 to 10-inch pots, **$9.00** per doz.; **$67.50** per 100; **$600.00** per 1000.

A booklet on growing this Fern, by the originator, Mr. Crowe, free with every shipment.

WM. F. KASTING,

SOLE DISTRIBUTOR,

383-87 Ellicott Street, BUFFALO, N. Y.

DAHLIAS NOT BLOOMING.

I have planted some nice varieties of dahlias. I first started them in the greenhouse in February, so that they were strong plants when planted outside in May. They are full of buds all the time, and very healthy, but do not bloom. The buds seem to blast and rot. We water them with a spray from the hose nozzle. A considerable portion of the day they are exposed to the sun without shade. I do not know anything about growing dahlias. Any information you can give me as to how to protect the flowers and make them bloom will be appreciated. Wm. Larsen.

Mr. Larsen's trouble is mostly a result of too much water. Dahlias love plenty of water, as well as good rich soil, yet both of these can be given in excess. A thorough watering once or twice a week, according to location and condition of the weather, is very beneficial.

The way we grow dahlias is to plant them in fairly rich soil, which has been thoroughly plowed and then harrowed a number of times to thoroughly pulverize and firm the soil. On our heavier soils we use disc and Acme harrows. The plants or roots are then planted and we cultivate, not too deeply, say, about three to four inches in the beginning. As soon as the plants come into bud and bloom we cultivate only one to two inches deep, but continue to stir the surface soil after every rain the entire season. During excessive drouth we irrigate every six to twelve days, according to the conditions of the weather, and after each irrigation we stir the soil again, so as to keep the surface loose and fine and prevent from baking. A stirring of the surface soil, nine times out of ten, is far more beneficial than an application of water. After the plants have been blooming profusely for some time and the blooms become smaller, we give a top dressing of fertilizer, which keeps up the size of the flowers.

W. P. Peacock.

COIL BOILER.

I have a three-quarter-span house 20x 100, one foot of glass in side walls and gables glass, eight feet to ridge. How shall I go to work to build a coil boiler out of 1½-inch pipe? I want the pressure system with safety valve and no expansion tank. Cord wood for fuel and 65 degrees required when the temperature is 10 above zero outdoors. How many 2-inch feed and return pipes will be needed. Location Puget Sound; house to be used for cucumbers. J. L. K.

A boiler such as you desire was illustrated in the Florists' Review of December 31, 1903, page 269, and its construction described. To provide the heat required in a house of the dimensions noted it would be necessary that you use 250 feet of 1¼-inch pipe in the construction of your boiler. This will require about eight square feet of grate surface. If you construct the boiler with grate bars about four feet long and a firebox two feet wide by arranging the pipes above the firebox with return bends, it will be possible to keep the boiler within comparatively close limits. Two ten-hole manifold tees can be used to provide means for caring for the return water, as well as the heated water. If the boiler is made six feet long the manifolds can be used at the rear of the boiler and three return bends employed in the construction of each coil, i. e., four lengths of pipe will be used to make up the coil. Ten of these placed inside the bricked up furnace will give the required heating surface. The lowest pipe should be about fifteen inches above the grate bars and at least twelve inches should be allowed below the bars for the ash pit.

I do not think it will be satisfactory or economical to attempt to operate a plant of this description without an expansion tank unless automatic feed water connections of some description are provided. The boiler does not contain a very large volume of water and for that reason is liable to much more violent changes than a boiler containing more water. If an expansion tank can be connected to the manifold of the boiler entered by the return pipes and located sixteen to twenty feet above the boiler, a good pressure will be maintained and more satisfaction obtained than by the other method.

Your house requires 800 feet of radiation, to provide which will take thirteen runs of 2-inch pipe, i. e., 1,300 lineal feet. If two of these are used as flow pipes the others may be made up into manifolds or coils to act as returns, six in one group and five in another. If properly graded these may be arranged on the side walls or under the benches of the house if it has raised benches.

L. C. C.

CAPACITY OF FLOWS.

How many feet of 1¼-inch pipe will a 3-inch main heat successfully with low pressure steam? How many feet will 4-inch and 5-inch mains supply? Is 2,000 lineal feet too much for the 3-inch or 7,000 feet too much for the 4-inch?

K. F. C.

Under normal conditions, where the runs are not too long, a 3-inch main should supply 2,170 feet of 1¼-inch pipe, a 4-inch main 3,600 feet and a 5-inch main 7,000 feet. These are conservative estimates and under conditions where sudden changes do not prevail the 4-inch main might successfully supply 7,000 feet of 1¼-inch pipe. L. C. C.

Port Allegheny, Pa.—Louis Reuter, of Westerly, R. I., is in charge of the Port Allegheny Greenhouses as manager.

Brighter than Gold! Redder than Fire! What?

OUR BEDS OF

HELIANTHUS SPARSIFOLIA and CANNA THE EXPRESS,

Now at their best NEAR NORTH-WEST CORNER, BUILDING OF AGRICULTURE.

Geranium Snow Queen is another grand novelty worthy of consideration located at East Side Building of HORTICULTURE.

We invite your inspection of the above while at THE FAIR.

WRITE FOR FALL LIST — READY SOON.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

Asparagus

PLUMOSUS NANUS, 2½-inch pots, $3.00 per 100; $25.00 per 1000.

SPRENGERI, 2½-inch pots. $2.00 per 100; $17.50 per 1000.

FINE STOCK. SURE TO PLEASE.

Jackson & Perkins Co.

NEWARK, New York.

Mention The Review when you write.

FOR

ROSE PLANTS

WRITE

C. M. NIUFFER

Springfield, Ohio.

Mention The Review when you write.

HAIL ASSOCIATION.

The Florists' Hail Association held its annual meeting at St. Louis August 18, the many members present expressing their continued satisfaction with the management of its affairs. The past year has been the most expensive in the history of the association, but its credit is in no way impaired.

The following is the summary of operations:

Balance, Aug. 1, 1903	$12,761.26
Receipts	15,712.27
Total	28,473.53
Losses paid	$19,266.60
Expenditures	4,021.87
Balance Aug. 1, 1904	5,185.06
Total	28,473.53

The cash balance of $5,185.06 is in addition to $16,400 invested for the emergency fund and $11,400 invested for the reserve fund.

FORTY MILES
OF
GREENHOUSES

HAVE

BEEN BUILT

ON

GARLAND'S

IRON

GUTTERS

It would take an express train a full hour, running at full speed, to pass through them were they end to end.

We mention this just to give something of an idea of the way the trade has adopted the best of all methods of construction.

Doesn't it make you want to know more about the advantages of the IRON GUTTER?

For Plans, Estimates and full particulars as to how you can save money by their use, write to

GEO. M. GARLAND CO.
DES PLAINES, ILLINOIS

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum cuneatum, strong, healthy plants, 4-in., $12.00 100; 3-in., $6.00 100, $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

AGAVES.

Eight grand century plants, green and variegated leaves, 30 to 40 years old, 4 to 6 feet tall, 6 to 10 feet in diameter. Splendid specimens for large uses.
H. A. Catlin, White Sulphur Springs, W. Va.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Alyssum, dbl. giant, 3-in., bushy, $2.50, 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, 3 tiers, 8 to 10 to 11 in. high, 50c; 5½-in., 3 to 4 tiers, 11 to 13 in. high, 60c; 5½-in., 3 to 4 tiers, 14 to 16 in., 75c; 6-in., 4 to 5 tiers, 16 to 20 in., 80c, 90c, $1.00.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus seedlings from flats, strong, thrifty, ready for 2-in. Plumosus nanus, true, $12.00 1000; $1.50 100. Plumosus, true, $12.00 1000; $1.50 100. 250 at 1000 rate. Plumosus nanus, 2½-in., ready for benching from open ground, $20.00 1000; $2.50 100. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong, 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Asparagus plumosus nanus, 2½-in., $3.00 per 100; $25.00 per 1,000.
Sprengeri, 2½-in., $2.00 per 100; $17.50 per 1,000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¼-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, well established, 2½-in. pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus Sprengeri and plumosus, all sizes; 2½, 3, 4, 5-in., ready for shift. Send 50c or $1.00 for samples of sizes you want.
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus. Get them while you can, quick; 2½-in., ready for 4-in. shift, fine as silk, $3.00 per 100. Cash.
McDonald & Steele, Crawfordsville, Ind.

Asparagus plumosus nanus out of 2¼-in. pots, $2.50 per 100. Cash. Ask for price on large lots.
J. H. Fiesser, West Hoboken, N. J.

Asparagus plumosus nanus, 2¼-in., $2.50 100; $20.00 1000. Sprengeri, $18.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri. Strong plants from 2¼-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, well grown, strong from 2½-in. pots, $2.50 per 100.
A. L. Hatch, Rockledge, Fla.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus Sprengeri, 4 to 7-in. pots, in large quantity at a bargain.
H. Bornhoeft, Tipton, Ind.

Asparagus Sprengeri, extra strong 3-in., $3.00 100; 4-in., $4.50 100.
J. Sanstrom, Momence, Ill.

Asparagus plumosus nanus, 2¼-in., strong plants, $3.00 per 100.
John Dieckmann & Co., Wheeling, W. Va.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 6-in., 4-yr.-old, $6.00 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus nanus, 2½-in., $2.50 100.
E. Knabe, Frankfort, Ind.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 2-in., $2.50 100.
White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

1000 Sprengeri, big 3-in., $25.00. Cash.
Roney Bros., West Grove, Pa.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees. Standards and pyramids, at $10.00 and $15.00 each, according to size.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, nice 2-in. stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100; 5-in., $75.00 per 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, 2-in. pots, $12.00 per 100. Julius Roehrs, Rutherford, N. J.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Celestial peppers, extra strong, 3½-in., ready for 5-in., fruit setting, $10.00 per 100. Cash, please. Rock Hill Greenhouses, Foxboro, Mass.

Xmas peppers, 100 A No. 1, 3-in., ready for 5-in., fruit setting, 6c; $5.00 for the lot. Cash. Fannie E. Case, Plymouth, Ohio.

Christmas peppers and Jerusalem cherries, 2-in. pots, $1.50 per 100.
Harmon & Henderson, Iola, Kans.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

BULBS.

LILIUM HARRISII. Guaranteed healthy, true, plump, clean stock.

	12	100	1000
5x 7, case 400	$ .50	$ 3.25	$ 30.00
6x 7, case 300	.60	4.50	42.00
7x 9, case 200	1.00	7.50	72.00
9x11, case 100	2.25	15.00	140.00
LILIUM CANDIDUM.			
1st size	.60	4.50	40.00
Mammoth	.75	5.50	50.00
FREESIA. Bermuda or Cal.			
⅜ to ½-inch	.40		3.50
½ to ¾-inch	.65		6.00
¾-inch	1.00		8.00
FRENCH FREESIA.			
1st size	.60		5.00
Mammoth	1.00		9.00
OXALIS. Bermuda buttercup.	.80		7.00
Grand Duchesse, rose, lavender	.90		8.00
Pure white, giant	1.10		10.00
CALLA ETHIOPICA.	12	100	1000
1x1½-inch diameter	$ .50	$ 3.50	$ 30.00
1½x2-inch diameter	.75	5.50	50.00
2x2½-inch diameter	1.00	8.00	75.00
Monster	1.50	10.00	
HYACINTHS. French Roman, white.			
	12	100	1000
11x12	$ .35	$ 2.25	$ 21.00
11x15	.40	2.75	25.00
12x15	.45	2.85	27.00
13x15	.50	3.50	32.00
PAPER WHITES.			
13 cms., true grand	.20	1.00	9.00
13 cms. and up, grand	.22	1.10	10.00
Trumpet Major	.20	1.15	10.00

H. H. BERGER & CO., 47 Barclay St., N. Y.

LILIUM HARRISII. Being heavy importers we are in a position to furnish the best quality at the price of some inferior grades frequently offered.

Size.	Case.	12	100	1000
5 to 7	500	$0.75	$ 4.00	$ 36.00
7 to 9	250	1.30	8.00	78.00
9 to 11	100	2.50	16.00	155.00

New wholesale bulb list ready now.
Henry F. Michell Co., Philadelphia, Pa.

Japanese-grown FREESIA BULBS, ⅜ to ½-in., packed 10,000 bulbs in a case. Sold in original cases only. Send for prices, which are very reasonable; only a few cases left.
This is the introduction of Japanese-grown freesias in this country. Write or telegraph for a case at once.
Suzuki & Iida, 31 Barclay St., New York, N. Y.

Freesia bulbs, true Bermuda-grown, pure white, 80c 100, $7.50 1000. California callas, all sizes. Samples mailed free. Quotations on French bulbs, to arrive soon, on application.
E. F. Winterson Co., 45-49 Wabash Ave., Chicago.

Poet's narcissus, large, dbl. white, grandiflora; home-grown, acclimated blooming bulbs, the best flower grown next to peonies for Decoration day, $1.00 per 100; $7.50 per 1,000.
F. A. Baller, Bloomington, Ill.

Romans and paper whites, ready now. We have the pick of the French crop. Special large purchases of select crops enable us to sell you the BEST BULBS at lowest price.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

RED BIRD brand of Harrisii, 85 per cent free from disease. Have only 5 to 7 left which we are offering at $15.00 a case, 400 to case. Address auction dept.
Wm. Elliott & Sons, Dey St., New York.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Paper whites direct from France; first size, $7.50 1000; grandiflora, $9.50 1000.
N. LePage, Mt. Vernon, N. Y.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Freesia refracta alba bulbs, Bermuda grown, doz., 15c; 100, 90c; 1000, $7.50.
Johnson & Stokes, 217-219 Market St., Phila.

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Now ready. Lilium Harrisii, longiflorums, freesias, buttercup oxalis.
W. W. Rawson & Co., Boston, Mass.

Spider Lily bulbs, $10.00 per 1,000. Special price on large lots.
T. K. Godbey, Waldo, Fla.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex

Cactus plants and seeds. Orders solicited.
A. B. Nickels, Laredo, Tex.

CARNATIONS.

FIELD-GROWN CARNATIONS.

Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$5.00	$45.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	6.00	50.00
Flora Hill	6.00	55.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	6.00	50.00
Guardian Angel (Sport)	5.00	45.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	5.00	45.00
Morning Glory	6.00	50.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	6.00	55.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations, the very best plants at a special discount of 10% from prices listed below. This offer is good for 10 days only. We guarantee the stock.

	100	1000		100	1000
Moonlight	$10	$75	Fairmaid	$ 6	..
Alba	6	..	Higinbotham	5	40
Q. Louise	6	..	Nelson	6	50
Norway	5	..	Apollo	6	..
Reliance	8	75	Cressbrook	5	..
L. Bountiful	12	100	Harlowarden	6	50
Her Majesty	5	..	H. Fenn	6	..
L. Pond	5	40	Roosevelt	5	..
Wolcott	5	..	M. Field	6	50
Lorna	5	..	D. Whitney	7	60
Crusader	10	80	Tiger	6	..
Estelle	6	50	Adonis	6	..
Manley	6	..			

E. H. HUNT, 76 Wabash Ave., Chicago.

52,000 large, bushy field-grown carnations.

	100	1000		100	1000
Enchantress	$8	$75	Fenn	$8	$70
Wolcott	8	70	The Queen	8	70
Q. Louise	7	60	Boston Mkt.	7	60
Floriana	7	60	L. Pond	7	60
Joost	6	50	Goodenough	6	50
Marquis	6	50	W. Lawson	14	
Mrs. Patten	14		Fair Maid	8	
Cervera	5		Morning Glory	6	
Crane	6		Maceo	6	
Field	8		D. Whitney	8	
May Naylor	7		H. Majesty	7	

250 at 1000 rate. Cash.
C. L. Howe, Dover, N. H.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	5.00	45	McKinley	6.00	50
Higinbotham.	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Wolcott	6.00	50
F. Hill	5.00	45	Norway	5.00	45
Peru	6.00	50	Q. Louise	6.00	50
W. Cloud	5.00	45	Harlowarden	6.00	50
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

ECLIPSE, our introduction for 1905 is a grand pink carnation, lighter in color than Lawson with no cerise or magenta shadings. Price, $12.00 per 100; $100.00 per 1000. Special price on large lots.

LADY BOUNTIFUL and THE BELLE, $6.00 per 100; $50.00 per 1000. We have large stocks of the three varieties and can guarantee early delivery.

Also the 1904 novelties and the best of the standard sorts.

Our stock is grown to produce strong, healthy cuttings in preference to bloom.
F. DORNER & SONS CO., La Fayette, Ind.

Carnations, extra strong, stocky plants. Per 100:

Q. Louise	$ 8.00	Nelson	$8.00
Boston Mkt.	8.00	Lawson	8.00
McGowan	6.00	Joost	6.00
Lord	8.00	Estelle	8.00
Maid	8.00	Fenn	6.00
Enchant., 1st	10.00	Cervera	6.00
Enchant., 2nd	8.00	Gomez	6.00
Prosperity	8.00		

Frank H. Kimberly, New Haven, Conn.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson	$6.00	$50
Wolcott	6.00	50	Nelson	5.00	45
Her Maj'ty	6.00	50	Floriana	5.00	45
Marian	5.00	45	Prosperity	6.00	45
Q. Louise	5.00	45	Gaiety	6.00	45
W. Cloud	5.00	45	Field	7.00	..
Enchant.	8.00	70	The Queen	8.00	75
Fair Maid	6.00	50	Hill	5.00	..
Alpine Glow.	6.00	50	Melba	4.00	35
Joost	4.00	35	Crocker	4.00	35

S. S. Pennock, 1612 Ludlow St., Phila.

FIELD-GROWN CARNATIONS.

	Per 100		Per 100
Enchantress	$8.00	Roosevelt	$5.00
Queen	6.00	Maceo	5.00
Fair Maid	6.00	Bradt	5.50
Floriana	5.00	Prosperity	5.00
Crane	5.00	Lorna	5.00

These are not left overs, but clean, healthy stock grown expressly for the trade. Cash with order.
Wm. A. Dawson, Willimantic, Conn.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$32	M. Glory	$4.50	$38
Jubilee	3.50	32	Peru	4.50	38
Crane	4.00	35	Dayb'k, white	4.50	38
Bradt	4.00	..	Lawson	5.00	45
Glacier	4.50	38	Estelle	5.00	45

500 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

Fine, field-grown carnations, ready to bench.

	100		100
Lawson	$6.00	Q. Louise	$6.00
Bradt	6.00	Crane	6.00
J. H. Manley	6.00	Prosperity	6.00
G. Lord	5.00	Floriana	5.00

Marshall Field, variegated, $7.00; Challenger, scarlet, very free, $7.00. 10 per cent discount on orders over $10.00. Cash with orders. Satisfaction guaranteed.
J. D. Cockcroft, Northport, L. I., N. Y.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia, Or. John Murchie, Sharon, Pa.

150,000 field-grown carnations.

Q. Louise, white.	6c	Maceo, crimson	6c
Enchantress, lt.p'k.	10c	Floriana, pink	5c
Lawson, pink	7c	Crocker, pink	5c
Mrs. Palmer, sc'let	6c	Eldorado, yellow	5c
Chicago, red	6c	Success, lt. pink.	5c
J. H. Manley, scarlet	6c	Creole, scarlet	5c
Mrs. Nelson, pink.	6c	Mermaid, pink	5c
G. Roosevelt, cr-son.	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Field-grown carnations, reliable stock.

	100	1000		100	1000
Harlowarden	$6	$50	G. Angel	$5	$45
Enchantress	6	50	Norway	5	45
Estelle	6	50	Joost	5	45
Palmer	6	50	F. Hill	5	45
Her Majesty	6	50	Q. Louise	5	45
Lawson	5	45	Peru	5	45

Cash with order.
Percy Jones, 60 Wabash Ave., Chicago.

Surplus carnation plants.

425 White Cloud	3c each
500 Marquis	3c "
750 Lawson	3c "
1400 Flora Hill	4c "
800 Crane	3c "
200 Morning Glory	3c "
1500 Queen Louise	3c "

Sunnyside Greenhouses, Owosso, Mich.

Extra strong plants, from 4-in. pots, at 5 cents each: 600 Joost; 500 Dorothy; 500 Morning Glory.
The following from 3½-in. pots, at 4 cents each: 200 Lawson; 100 Morning Glory; 100 Morning Glory, variegated; 200 Joost; 100 Prosperity; 80 Governor Wolcott; 50 Crane.
J. W. Adams & Co., Springfield, Mass.

Field-grown carnations.

	100	1000		100	1000
Joost	$5	$45	Queen	$5	$45
Fairmaid	6	50	Lawson	8	70

Enchantress, 250 at $8.00 per 100.
Prosperity, 250 at $6.00 per 100.
C. F. Edgar & Co., 1516 Sansom St., Phila.

75,000 field-grown carnations, clean, healthy.

	100	1000		100	1000
Lawson	$6	$50	Hill	$5	$45
Roosevelt	6	50	Peru	5	45
Wolcott	6	50	Triumph	5	45

J. A. Budlong, 37-39 Randolph St., Chicago.

Field-grown carnations. Per 100:

1000 Mrs. Lawson	$5	400 Innocence	$4
300 Her Majesty	6	300 Prosperity	5
500 Harlowarden	5	50 Cressbrook	4
400 M. Glory	4	50 G. Lord	4

Central Michigan Nursery, Kalamazoo, Mich.

8000 Lawson $4.00 100; $37.50 1000
2500 Norway 4.00 100; 35.00 1000
Stock clean and healthy. Cash.
Kring Bros., Fairbury, Ill.

Field-grown carnations. 3900 Harlowarden, 500 Estelle, 500 Palmer, 400 Lawson, 150 Nelson, $5.00 per 100; $45.00 per 1000. 700 Enchantress, $6.00 per 100; $55.00 per 1000. 1700 Higinbotham, 200 Marshall Field, 2100 Norway, $4.50 per 100; $40.00 per 1000. 500 Lady Bountiful, $12.00 per 100; $100.00 per 1000. 500 per 1000 rate.
Frank Fischer, Box 82, Blue Island, Ill.

Field-grown carnations. Per 100:

1200 Queen Louise	$5.00
1000 White Cloud	4.00
400 Marquis	3.00
300 Morning Glory	3.00
200 Flora Hill	4.00

Extra fine plants. Cash, please.
W. E. Gravett, Florist, Lancaster, Ohio.

Carnations. Strong, healthy field-grown stock.

130	Armanzindy	5c	450	Crane	5c
375	Enchantress	8c	420	Maceo	6c
260	Lord	5c	175	Wolcott	6c
135	G. Angel	5c	100	Marquis	5c
350	Melba	5c	100	M. Glory	6c
900	Joost	5c	340	Prosperity	6c

L. L. May & Co., St. Paul, Minn.

SURPLUS CARNATIONS.

2,000 Q. Louise	500 Lorna
2,000 F. Hill	400 Dorothy
1,000 Lawson	200 Daybreak
1,000 Crane	100 Apollo
1,000 W. Cloud	

$5.00 per 100; $45.00 per 1000. Cash with order. W. Sabransky, Kenton, O.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5	$45	Nelson	$5	$45
G. Angel	4	35	Higinbotham	5	45
Hill	4	35	W. Cloud	5	45
Q. Louise	5	45	Peru	5	45
Lord	4	35	Joost	4	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

FIELD-GROWN CARNATIONS.

Prices are per 100, cash with order.

500 Prosperity	$5.00	600 Manley	$6.00
3,300 Flora Hill	4.00	450 Wolcott	6.00
4,500 Lawson	5.00	400 Enchant.	8.00
2,600 Norway	5.00	200 Flamingo	15.00
2,500 G. Lord	4.00	100 Lawson	15.00

JOHN FELKE, Sr., Wilmette, Ill.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$40
Q. Louise.	6	50	Joost	5	40
Mrs. Bradt	6	50	G. Lord	5	40
Norway	6	50	Mac Richm'd.	5	40
Estelle	6	..	Pond	5	40

Isaac H. Moss, Govanstown, Baltimore, Md.

Carnations, fine, stocky, field-grown plants.

	100		100
2000 Lawson	$6.00	1000 Fair Maid	$6.00
1000 Marquis	5.00	500 Enchant.	10.00
1000 G. Angel	5.00	500 F. Hill	5.00

G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Choice field-grown carnations. Per 100:

Floriana	$6.00	Manley	$5.00
Crocker	7.00	Melba	5.00
J. H. Manley	7.00	Norway	5.00
Perrine	6.00		

10% discount on above prices for cash.
John A. Kepner, Box 3, Harrisburg, Pa.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud.	$5.00	$40
Flora Hill	5.50	45	G. Angel	5.00	40

Cash with order.
Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Field-grown carnation plants, medium size.

	Per 1000		Per 1000
8,000 Lawson	$35.00	1,000 Norway	$30.00
8,000 Flora Hill.	30.00	500 Manley	40.00

If the entire lot is wanted I will make them at $30.00 per 1000. Cash with order.
Peter J. Schumer, Evanston, Ill.

Field-grown carnations. Fine plants now ready for the benches. Not surplus stock.

	100	1000		100	1000
Bost. Mkt.	$7.00	$65.00	Glacier	$6.00	$50.00
Wolcott	6.00	55.00	Joost	5.00	45.00
McKinley	6.00	50.00	Estelle	5.00	45.00

A. C. Canfield, Springfield, Ill.

Field-grown carnations, per 100:

Prosperity	$6.00	Pond	$6.00
Melba	5.00	Morning Glory	6.00
Joost	5.00	Queen Louise	5.00
Scott	5.00	Portia	5.00
McGowan	5.00	F. Hill	5.00

Philadelphia Wholesale Flower Market, Phila.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Boston Mkt.	$6.00
Queen	6.00	Lawson	6.00
Fair Maid	6.00	Elma	6.00
Morning Glory	5.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Carnations, field-grown, strong, healthy stock. Enchantress, $8.00 per 100; Lawson, Boston Market, Queen, $6.00 per 100. Cash with order.
Chas. H. Green, Spencer, Mass.

Carnations, field-grown. 1000 Guardian Angel, 1000 Joost, 2000 Lord, 2000 Marquis, good stock, $4.00 per 100; $35.00 per 1000.
B. Hasslebring, Flint, Mich.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS—Continued.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Field-grown carnations, extra strong, healthy plants, $6.00 100; $50.00 1000. Q. Louise, Norway, W. Cloud, Lorna, Prosperity, F. Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Chas. W. McKellar, 51 Wabash Ave., Chicago.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Carnations, field-grown, ready now. 400 Lawson, 400 Norway, 300 Daybreak, 500 Genesee, 300 Scott, 1000 Joost, 5000 Marquis, $5.00 per 100, $40.00 per 1000.
W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, 100 plants, $4.50; 1000 plants, $38.00. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Field-grown carnations. Lawson, M. Glory, Prosperity, G. Wolcott, W. Cloud, Norway and a few mixed varieties, $5.00 100 in not less than 100 lots.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Field-grown carnations, per 100:

Enchantress	$7.00	Flora Hill	$4.00
Lawson	5.00	W. Cloud	4.00
Norway	4.00		

E. Knabe, Frankfort, Ind.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

Carnations, pot-grown. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnation plants, extra strong, from field. Harry Fenn, Fair Maid, Boston Market, $6.00 per 100. E. A. Nelson, Joost, Maceo, Manley, Cervera, $5.00 per 100.
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Bentzen Floral Co., St. Louis, Mo.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

Poinsettias, 2½-inch, $4.00 per 100.
Krueger Bros., Toledo, Ohio.

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Primulas obconica grandiflora fimbriata, obconica grandiflora fimbriata violacea, obconica grandiflora hybrida, obconica grandiflora purpurascens, obconica grandiflora rosea, obconica grandiflora Kermesina, obconica grandiflora alba.
The finest colors in the country; strong plants out of 2¼-in. pots, $3.50 per 100. Cash. J. H. Fiesser, West Hoboken, N. J.

Primroses. Chinese, 2-in., $2.00 100. Forbesi, $2.00 100. Obconica grandiflora, $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Chinese primroses, large flowering, fringed, no better strain, 2-in., $2.00 per 100.
J. Clint McPheron, Carrollton, Ill.

Primulas obconica grandiflora, alba rosea, Forbesi, 2-inch, 2c. Cash.
Byer Bros., Chambersburg, Pa.

Primroses, strong, first-class, choice, 3-inch pots, $3.00 100.
W. B. Woodruff, Westfield, N. J

P. obconica grand., alba, rosea, Forbesi, 2-in., 2c. Cash. Byer Fl. Co., Shippensburg, Pa.

Chinese primroses, 2-in. pots, $2.00 per 100.
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Primula chinensis, 3-in., $3.00 100.
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100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; 25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
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ROSE PLANTS. Strong stock, 2½-in. pots.

	100	1000		100	1000
Uncle John	$20.00	$150	Maid	$2.50	$20
Chatenay	3.00	25	Gate	2.50	20
Sunrise	5.00	40	Bride	2.50	20

Strong stock. 3-in. pots.

	100	1000		100	1000
Chatenay	$5.00	$40.00	Bride	$3.50	$30.00
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All stock sold under express condition that it is to be returned if not satisfactory.
P. Reinberg, 51 Wabash Ave., Chicago.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

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Oberhofgartner Singer, 50c; $40.00 100; Dr. Troendlin, (White Testout) 50c; Konigin Carola, large pink, 50c; Ruhm der Gartenwelt, dark red, $1.00; Etoile de France, bright dark red, $1.25.
And all best European novelties. Send for catalogue.
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Roses for winter flowering. Extra fine bushy plants. Liberty, Franz Deegen, 3½-in. pots, $18.00 100. Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots, $15.00 100.
Own roots. Beauties, Ivory, La France, 3-in. pots, $7.00 100. Brides, Maids, Perles, G. Gates, 3-in. pots $5.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. Strong, healthy plants. 3-in. Brides, Maids, Ivory, Gates, $3.50 100, $30.00 1000; Perles, $5.00 100, $45.00 1000; Beauties, special, $4.00 100, $40.00 1000; Kaiserins, extra fine, $6.00. 2½-in. plants. Brides, Ivory, $2.50 100, $20.00 1000; Beauties, $3.00 100, $25.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Roses, strictly A1 stock. Maids, 2½-in., $20.00. Brides, 3½-in., $40.00 1000. Beauties, 2½-in., $35.00 1000; 3 and 3½-in., $5.00 100; $45.00 1000. Gates, $40.00 1000. Franz Deegen, 3½-in., $4.50 100. Perles, 3½-in., $4.50 100.
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Rooted rose cuttings. The Bride, Bridesmaid, Gen. Jack., Mrs. Garrett, Ivory, G. Gate and many other varieties, $1.00 100. Samples sent on application.
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Roses. Surplus stock No. 1 strong plants from 3-in. pots: 1250 Golden Gate, 550 Ivory, 400 Bridesmaids, 100 Brides at $5.00 per 100.
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1500 Golden Gates, 500 Brides, 400 Maids, 2½-in., $2.00 per 100. First check for $40.00 takes the lot.
East Side Floral Co., Champaign, Ill.

Roses, 2½-in. rose pots, $3.00 100, $25.00 1000. Brides, Maids, G. Gates, Ivory. Cash or C. O. D.
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5,000 strong 2-year-old American Beauty plants. Write for prices.
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Manetti stocks for fall delivery.
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Ficus elastica, imported and home-grown, 4-in., 25c; 5, 5½ and 6-in., 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c, 50c.
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Variegated ficus, September delivery, $5.00 per doz. Ficus elastica (green), sold out till spring 1905 delivery.
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Berger's Never Fail pansy seed, every sort, color, variety of prize strains, 1000 seeds, 25c; 5000, $1.00; oz., $4.00; giant fl. in white, yellow, black, azure blue, violet, striped, bronze, red, purple, sep. or named, 1000 seeds, 25c; 5000, $1.00. Trimardeau, Bugnot, Odier, Cassier, giants, pkt., 25c; ½ oz., $2.50. Cineraria grand. max., pkt., 500 seeds, 25c; 5 pkts., $1.00. C. stellata, 100 seeds, 10c; 500, 40c. Calceolaria, tigered, spotted, giants, pkt., 25c. C. rugosa, shrubby, pkt. 25c. Primula sinensis, rose, white, blue, blood red, crimson, 100 seeds, 25c; 1000, $1.75; all colors mixed, 100 seeds, 20c. P. obconica, rose or white, pkt., 25c. Cyclamen persicum gigan., white, rose, blood red, 100 seeds, 65c; 1000, $6.00. Dracaena indivisa, oz., 25c; ¼ lb., 75c. D. australis, oz., 50c; ¼ lb., $1.50. Smilax, oz., 20c; ¼ lb., 50c.
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Sweet peas for Christmas blooming—Zvolanek's Christmas, pink; and Fl. Denzer, pure white. If seed is sown during the first days of Sept. you will have sweet peas for Christmas and all winter. Price: Pkt., 75c; lb., $2.50, postage paid. Genuine only when in my original packets. Orders for less than pkt. not accepted.
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Cineraria grandiflora seed.
Tall, finest mixed, per pkt.....50c
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Pansy seed, superb mixed, ⅛ oz., 75c; per oz., $5.00. Choice mixed, per oz., $2.00.
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Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.
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PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
KOHL RABI and BRUSSELS SPROUTS, 25c per 100, $1.50 per 1000.
We have a million each of cabbage and celery.
Cash with order.
See our flower plant adv. in this issue.
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The "Model" glazing point. Zinc. Practical. Durable.
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Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
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Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Gishurst Compound is known by all old-school gardeners; its soluble sulphur, etc., has for 40 years cured blights and fungus on plants; harmless in its use. Wholesale from
Price's Patent Candle Co., London, England.

A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

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NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

FOSTITE, 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00. C. H. Joosten, 201 West St., N. Y.

LEAF-MOLD.

Leaf-mold, screened, ready for use, put up in 25, 50 and 100 lbs. bags. Prices respectively 50c, 75c and $1.00 per bag; $17.50 per ton. F. o. b. Washingtonville. Every florist knows its value, especially for ferns. Address
W. C. MERRITT, Washingtonville, N. Y.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

RED POTS. We are now ready for business and can ship a train load if you want them. All orders filled promptly. Our prices are right. So are our pots. Send for sample and prices. Colesburg Pottery Co., Colesburg, Iowa.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

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Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Those RED pots. The right kind.
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Crane Bros., Westfield, Mass.
Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Sphagnum moss, clean and fresh, shipped direct from the swamp, 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00.
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Buy your moss now while we are curing it. 1 bale or 100 at 60c each.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1000, $75.00 10,000. Also stemming wire, rose stakes, etc.
H. F. Littlefield, Worcester, Mass.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

DOUBLE ARCH CARNATION SUPPORT is the most practical.
WIRE STAKES for roses and chrysanthemums, straightened and cut any length. Prices on application.
Nathan Smith & Son, Adrian, Mich.

Galvanized rose stakes. We are in a position to quote very low prices. See display adv. Niagara Cement and Concrete Co., North Tonawanda, N. Y.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

RICHMOND, IND.

Carnation planting is drawing to a close and from all reports and appearances the plants did remarkably well, considering the dry spell during the past three weeks. Among the varieties that attracted my especial attention at E. G. Hill Co.'s place was The Cardinal, 7,000 of which occupy two benches in the mammoth house. The plants look clean and vigorous, making new breaks and sending out new shoots that speak well for the variety. It is unquestionably a winner and will appeal especially to those growers who have had success with Estelle. An improved Estelle will mean a deal to those who can cut long-stemmed and full-sized flowers at a time when the old favorite, Estelle, lacks in these qualities. Over 75,000 have already been booked up.

Lawson and Enchantress have been planted in large quantities, and among the whites Lady Bountiful takes first rank. A great demand is expected for this variety during the coming season. Fred Burki is being tested here in small quantity. Like its famous parent, the Lawson, it seems to have adapted itself to Indiana soil and does as well as in its native state, western Pennsylvania.

Exhibition chrysanthemums, as usual, are up to the standard and some fine specimens will be shown during the coming shows, both east and west. Not the least and, candidly speaking, above any other rose on the place that drew my attention was Etna, Mr. Hill's own seedling, a red rose that promises much vigor of growth, color and form of bloom, stem, etc. Five benches have been planted and a finer sight, even at this early season, it would be hard to point out.

Their recent acquisition in realty is a fifty-acre farm in the vicinity of the Richmond asylum. It is not likely that potatoes or cabbage will grace this site, but something more remunerative in their own lines.

The B. K. & B. Floral Co., on Asylum avenue, has recently enlarged the range by one house of 20x240, all planted with carnations. Their own Richmond Gem, which will be disseminated during the coming spring, is well worthy of a trial by every grower looking for a variety to take the place of Crane, Apollo and the like. As a grower it is in the first rank. Its color is ideal, the stem all that could be desired, and its blooming qualities surpassed by no variety. Enchantress, Lawson and Queen have been planted largely, the latter having proved the best and most profitable white on the place.

At E. T. Grave's things in general look clean, healthy and attractive. Their rose-growing venture has long since passed the experimental stage, having proved a great success. They not only grow roses in quantity, but grow them remarkably well.

E. Ruch is putting the finishing touches to the two carnation houses built this summer.

Florist Gause is about to move to his new residence, adjoining his greenhouses on National road.

Convention talk is ripe and the two standbys, E. G. Hill and John Evans, are sure to be on deck in St. Louis. X.

RELIEVES THEM OF "SURPLUS."

We are in receipt of the following letter from a well-known plant house:

Sometime during May or June a man called at our office and induced us to subscribe to a scheme he had for disposing of surplus stock. The fee to belong to this "association" was something like $1.50 or $2. On July 2, we mailed a list of surplus stock to this association and the letter has been returned by the postal authorities marked "Parties cannot be found."

If this gentleman is a fake he should be published to prevent others falling in his trap. We inclose the printed matter he had on top of his surplus list, also the envelope showing same returned to us. Do you know anything about him?

If you can enlighten us any on this matter, you will very much oblige.

The printed matter was a heading for a list printed "Nurserymen & Florists' Surplus Association, P. O. Box 395, Louisville, Ky." The envelope was correctly addressed as above. The postmaster at Louisville had apparently forwarded it, readdressing, to John M. Brown, Newport, Ky. The postmaster at Newport returned it to the writer after holding it from July 5 to August 5.

FLORIST TIES THE KNOT.

James S. McMahon, the retail florist of Jersey City, is a justice of the peace and able to execute "the whole order" when it is wedding work. The way it sometimes happens is related as follows by a local paper:

Justice of the Peace James S. McMahon was putting together some funeral flowers in his place of business at 392 Grove street Saturday afternoon, when a young man and young woman entered. The judge put the last small blue flower into the final word of the inscription, "We Mourn Our Loss," and then politely inquired of what service he could be to the couple.

"You could marry us, if you would be so kind," answered the young man, "and please hurry up, as we have to catch a train."

"Wait a minute, if you please," said Judge McMahon, as he retired behind the ice box. He reappeared inside of a minute with a fine and large wedding bell made of pink and white roses. He suspended it from a convenient hook in the ceiling, and invited the couple to stand underneath. They obeyed, and as they stood there holding hands they were united "for better or worse, for richer or poorer."

Judge McMahon said he was glad at being able to accommodate them, and they said he was very kind. The happy bridegroom gave the magistrate a fee "in proportion to the importance of the service rendered."

PHILADELPHIA, PA.—Godfrey Aschmann, 1012 Ontario street, is building two new houses, Lord & Burnham Co. furnishing the material.

DIXON, ILL.—The Clipper Lawn Mower Co., of Reading, Pa., is moving its factory to this city.

New Geranium Telegraph



4-inch pot plant "Telegraph."

SELLING AGENTS:

HENRY A. DREER .....PHILADELPHIA, PA.
THE E. G. HILL CO.....RICHMOND, IND.
THE LIVINGSTON SEED CO.....COLUMBUS, OHIO.
VAUGHAN'S SEED STORE, CHICAGO and NEW YORK.

Truly the Grandest Introduction to the Geranium family.

Come see it growing at our establishment — INSIDE AND OUT.

THE TELEGRAPH will be SOUGHT BY ALL for CONSERVATORY OR WINDOW AND FOR BEDDING OUT.

A sure money maker for the trade. Telegraph will sell at sight. Its mammoth size, beautiful color, strength of growth and remarkable productiveness, give it a place on the market above all others.

Telegraph is a seedling of 1900; parentage, Mrs. E. G. Hill and Wonder; robust grower; foliage dark green, with zone; flowers, single, of immense size; rich deep orange cerise in color. Has proven gilt-edged through every test during the past four years. Unsurpassed for bedding out. Indispensable for conservatory or window.

It comprises all the qualifications for a good commercial and fancy geranium.

Awarded Certificate of merit by the Dutchess County Horticultural Society, November, 1903, and The New York Florists' Club, April, 1904.

Strong plants, 2¼-in. stock, ready October 1st, $20.00 per hundred.

Order Now, propagate through the winter, offer to your trade next Spring. **You will find Telegraph the best money maker on the market.**

Thos. DeVoy & Son, Poughkeepsie, N.Y.

Ball's Palms.

The Choicest Stock. Strong, Hardy and Perfect in every respect.

Shall be pleased to receive your order for immediate or future delivery.

ORDER EARLY. It is Important.

KENTIA BELMOREANA—2¼-inch pots, $10.00; 3-inch, $15.00 per 100; 4-inch, 35c; 6-inch, 75c and $1.00; **"made up," 3 strong plants,** 6-inch, $1.00; 8-inch, $2.00, $3.00 and $4.00; 9-inch, $5.00; 10-inch, $7.50 and $10.00 each.

KENTIA FORSTERIANA—2¼-inch pots, $10.00; 3-inch, $15.00 per 100; 4-inch, 35c; **"made up," 3 strong plants,** 6-inch, $1.00 and $1.25; 8-inch, $2.00, $3.00 and $4.00 each.

ARECA LUTESCENS—2¼-inch, $6.00 per 100; **"made-up," bushy,** 4-inch, 25c ($22.50 per 100); 6-inch 65c, 75c and $1.00; 8-inch, $2.00; 9-inch, $3.00; 10-inch, $6.00, $7.00 and $8.00 each.

LATANIA BORBONICA—2¼-inch, $4.00; 3-inch, $8.00 per 100, 4-inch, 25c ($22.50 per 100). 6-inch, 50c; 8-inch, $1.50; **"made up," bushy,** 8-inch, $1.00 each.

COCOS WEDDELIANA—**"Made up," bushy,** 3-inch, $20.00; 4-inch, $10.00 per 100. **PANDANUS VEITCHII, LIVISTONA ROTUNDIFOLIA, DRACAENA SANDERIANA, etc. Descriptive price list on application.**

CHAS. D. BALL, - Holmesburg, Phila., Pa.

AMERICAN FLOWER and TREE TUB.



Made of EVERLASTING CYPRESS.

Various sizes.
Castings Japanned.

Painted green unless otherwise specified. Feet and bolts packed for shipment inside of tubs.

Send for Catalogue C40.

American Wooden Ware Mfg. Co., Toledo, Ohio

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St. CHICAGO.

Write the Ionia Pottery Co., Ionia, Michigan, when you wish to buy the best FLOWER POT for the money.

A large assortment, prompt shipment and courteous treatment for all is our motto.

IONIA POTTERY COMPANY.

JOHN B. AMPHLETT, 6300 JACKSON PARK AVENUE, Resident Agent, CHICAGO, ILL.

Mention The Review when you write.

EXAMINE OUR

"GOOD HOSE"

And give us an ORDER before leaving St. Louis. The best is the cheapest, always.

J.G. & A. ESLER, Saddle River, N.J.



PURE

Sheep Manure

DRIED, UNPULVERIZED AND PULVERIZED. Write for prices.

MONTANA FERTILIZER CO., ELGIN, ILL.

ANNOUNCEMENT.....

WE TAKE PLEASURE IN ANNOUNCING THE

New Carnation—Fred Burki

Which Will be Disseminated in 1905—Commencing in January.

Fred Burki is the result of a cross between Lawson and a seedling of much merit; the latter being the seed parent. It possesses all the good qualities to induce the most conservative growers to include it among best whites.

HERE ARE A FEW OF ITS MERITORIOUS POINTS:

1st. The blooms come perfect and uniform, averaging 3 to 3½ inches in size.

2d. The stem measures from 20 to 30 inches, being stiff and erect and resembles that of Lawson.

3d. It never crops, but yields continuously from November until July.

4th. The calyx is perfect; showing no tendency of bursting.

5th. Its keeping qualities, a point not to be overlooked, are second to none and **equal** to the **best.**

6th. It transplants easily and roots like the proverbial weed.

Those who saw it growing are unanimous in declaring the **FRED BURKI** the ideal white in every respect. It scored 88 points at the Detroit Carnation Convention, receiving a certificate of merit. Don't hesitate placing your order for **FRED BURKI.** It will prove a good investment.

PRICE—$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Orders filled strictly in rotation.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 N. 24th St., PHILADELPHIA.

E. G. HILL CO.,
RICHMOND, IND.

F. R. PIERSON CO.,
TARRYTOWN, N. Y.

ECLIPSE —OUR INTRODUCTION FOR— 1905

A GRAND PINK CARNATION, lighter in color than Lawson, with no cerise or magenta shadings. A color that withstands the brightest sun's rays without the objectional shadings or bleachings at the edges of the petals. The true merits of this variety are summed up in four points.

1st. A strong free growth and of easy propagation.
2nd. Large 3½-inch flowers of a beautiful dark shade of clear pink. No imperfect or faded blooms.
3rd. Extra long stems, perfectly upright and stiff. No short or weak stems under any conditions.
4th. Comes into flower with the earliest blooms and produces freely and continually throughout the season. Has never shown any cropping tendency.

We have a large stock and can guarantee early delivery, **$12** per 100; **$100** per 1000.
Write for special prices on larger lots.

We have benched large stocks of the two Grand White Carnations

Lady Bountiful and The Belle

And will be in a position to supply good well rooted cuttings in quantity for early delivery, **$6** per 100; **$50** per 1000.

Also all the best of the 1904 Novelties, such as FLAMINGO, CRUSADER, NELSON FISHER, INDIANAPOLIS, MRS. PATTEN, WHITE LAWSON, THE PRESIDENT and JUDGE HINSDALE.

THE BEST OF THE STANDARD SORTS ARE ON OUR LIST.

ROOTED CUTTINGS is our specialty and our stock is grown to produce strong, healthy cuttings in preference to bloom.

F. DORNER & SONS CO.

LA FAYETTE, IND.

THE CARDINAL

THE NEW SCARLET CARNATION

THE BEST SCARLET CARNATION OF THE FUTURE
IT IS BOUND TO BE THE STANDARD SCARLET
Will stand in its class as has Lawson among the Pinks

AWARDED First Prize for 100 Scarlet at Detroit
S. A. F. Silver Medal
A. C. S. and other Certificates of Merit

THE CARDINAL

was grown in various parts of the country last year, and pronounced by all **perfect.** The Chicago Carnation Company, who had a whole bench, thought so well of it they purchased a half interest in the stock. The Cardinal is an improved Estelle from every point of view, including size, form, stem, growth and freedom. The petals are nicely serrated, and the flower **never comes single.** A wonderful keeper and shipper.

PLACE YOUR ORDERS NOW FOR EARLY DELIVERY

ROOTED CUTTINGS READY JANUARY 1st, $12.00 per 100; $100.00 per 1000

OWNERS AND DISSEMINATORS

CHICAGO CARNATION CO., Joliet, Ill.
S. S. SKIDELSKY, Philadelphia, Pa.
E. G. HILL CO., Richmond, Ind.

PALMS ORCHIDS

AND ALL STOCK FOR THE
COMMERCIAL FLORIST.

JULIUS ROEHRS, RUTHERFORD, N. J.

ASK FOR SPECIAL PRICES.

Crotons Dracaenas

DRAINING BOILERS.

Is it preferable to let the old water out of the boiler and pipes and substitute fresh water, if the water was in use for a year or more, or is the old water all right? O. H. T.

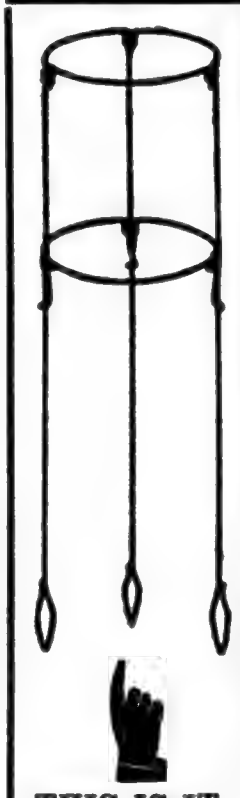
If the water which is used were pure and free from suspended earth or sediment, there would be no objection to allowing it to remain in the system indefinitely. Such water is difficult to obtain and all hydrant or well water either carries sufficient dirt or mineral salts, such as lime or magnesia, to render it desirable to drain the system once in six months at least, and place therein some good boiler cleaning preparation which will remove scale and other deposits from the interior of the pipes and the boiler. Such deposits or incrustations thicken the walls of the pipes, impede the flow of water and lessen radiation, thus making unnecessary inroads upon the coal pile. If for no other reason, the system should be cleaned as thoroughly as possible twice, or oftener, each year.

L. C. C.

CATALOGUES RECEIVED.

Wm. Elliott & Sons, New York, bulbs; Suzuki & Iida, New York, Japanese bulbs and plants; Forest Nursery & Seed Co., Irving College, Tenn., tree seeds and seedlings; Surrey Seed Co., Redhill, England, seeds, etc.; E. Neubert, Wandsbek, Germany, valley pips and forcing plants; H. H. Berger & Co., New York, bulbs.

THE instruction in the last REVIEW alone pays me for many years' subscription.—S. DUMSER, Elgin, Ill.



THIS IS IT.



The Model Glazing Tack, it does the work.

The Model Extension Carnation Support is steadily growing in favor. If you are not using it write for booklet R—it's full of information.

The Parker-Bruen Manufacturing Co., Inc.

206-08 Jersey St.

Harrison, New Jersey.

Ask for samples of The Model Glazing Tack.

GALVANIZED ROSE STAKES

We use large quantities of galvanized wire with some of our cement work and we are prepared to cut up Flower Stakes at the following reasonable prices:

Per 1000 Stakes.

No. 10 Wire.

2 feet long		$3.40
2½	"	4.40
3	"	5.25
3½	"	6.15
4	"	7.00
4½	"	7.85
5	"	8.70
5½	"	9.60
6	"	10.20



If building let us book your order for CEMENT BENCHES, BLOCKS, POSTS, etc. for future delivery.

Catalogue on application.

NIAGARA CEMENT & CONCRETE CO.
Room 2, Post Office Bldg.,
NORTH TONAWANDA, N. Y.
Mention The Review when you write.

A'ways mention the Florists' Review when writing advertisers.

Last Call for PEONIES

ORDER AT ONCE. Plant in September for best results.

No charge for packing; but not less than TEN PLANTS OF A VARIETY at these low prcies. WE GUARANTEE OUR STOCK TRUE AND WILL REPLACE WITH THREE ANY PLANT WHICH IS NOT TRUE TO DESCRIPTION. For full description send for illustrated price list.

These prices are for STRONG DIVIDED PLANTS OF **3** TO **5** EYES, as long as the surplus lasts. The sorts are listed by colors in their order of blooming.

EARLY WHITE.

	Each
FESTIVA MAXIMA, tallest double paper white	35c
QUEEN VICTORIA, or Wittleyi, best keeper and shipper	15c
MME. BREON, blush guard	15c
FESTIVA, or Drop White, free paper white	25c
GOLDEN HARVEST, lemon center, blush guard	20c

MID-SEASON WHITE.

MOUNT BLANC, or Solfaterre, fragrant, full	25c
MME. CALOT, faint blush guard	35c
DUC DE WELLINGTON, long strong stem	35c
PAPAVERIFLORA, very solid	30c

LATE WHITE.

VIRGO MARIE, like Festiva Maxima	35c
HUMEA ALBA, clear, full daybreak pink	20c

EARLY PINK.

EDULIS SUPERBA, first to bloom	10c
ALEXANDRE DUMAS, very early, grand keeper	12c
DR. ANDRE, clear, solid pink	15c
ALICE DE JULVECOURT, mixed Pink	10c
MELANIE HENRY, large, full pink	25c

MID-SEASON PINK.

SIDONIE, fragrant, deep pink	10c
M. PAILLET, baby pink	10c
HENRY IV., rosy pink	10c
POTTSII ALBA, delicate pink, finishing white	40c
TRIOMPHE DE L'EXPOSITION DE LILLE, rose shape	35c
CLARISSA, rosy pink	10c
DORTONS COROS, bright pink	10c

LATE PINK.

	Each
MLLE. ROSE RENDATLER, dark pink	15c
VIRGINIE, baby pink	25c
PRINCESS ELLEN, blush, finishing white	25c
DORCHESTER, late blush	35c

EARLY ROSE.

CONSTANT DEVERED, first rosy purple	10c
DUC DE CAZES, very large, deep guard	10c

LATE ROSE.

MME. GEISSLER, large, massive	25c
CHARLES VERDIER, most fragrant	10c
M. BARRAL, clear, solid rose	40c
ROSEA SUPERBA, late, clear rose	10c

RED.

PURPUREA DELACHEI, large, full black	20c
COMTE DE DIESBACH, early bomb	20c
M. DE RIBERT, crimped center, no stamens	20c
AUGUSTIN D'HOUR, cardinal bomb	30c
BOSSUET, current red	20c
LA SUBLISSE, glowing crimson	10c
RUBRA SUPERBA (Richardson's) best, latest deep crimson, with no stamens	25c

MIXED VARIETIES.

Double White in mixture	12c
Double Pink in mixture	6c
Double Rose in mixture	6c
Double Red in mixture	8c

Peterson Nursery

170 La Salle St. (Established 1856.) CHICAGO, ILL.



QUALITY THE BEST!

FERNS, FANCY DAGGER

N. LECAKES & CO.

HEADQUARTERS 53 West 28th Street { Tel. 1214 Madison Sq. } NEW YORK CITY

Stands at 34th Street Cut Flower Market and at Coogan Building, West 26th Street and 6th Avenue Cut Flower Exchange. : : : : :

EVERYTHING IN GREEN GOODS

Southern Wild Smilax

WE SHIP ALL OVER THE UNITED STATES AND CANADA

DO NOT FORGET THAT WE ARE PROPRIETORS OF THE FAMOUS WATER LILY POND IN CONNECTICUT. A FRESH SUPPLY DAILY IN THEIR SEASON.



PRICES REASONABLE.

GALAX LEAVES

LEUCOTHOE SPRAYS

Mention The Review when you write.

PIPING.

I have built two houses 18x50, side walls five feet with eighteen inches glass. Have a Weathered No. 6 boiler and 1,200 feet of 4-inch pipe. What will be the best way to arrange the piping to heat and save fuel? W. P.

To insure a temperature of 60 degrees during severe weather your houses will each require six pipes the length of the house. These might be arranged as follows: Three flow pipes carried from the boiler along the exposed side of the house across the end most distant from boiler and return under the bench on the opposite side. If the houses are attached this scheme can be used more successfully than will be the case if the houses are independent. It will require on this basis 360 feet of pipe for each house, or 720 feet for the two. If a temperature of 70 degrees is required the piping should be increased, either by placing a loop under the center bench of the house or by adding a fourth pipe to those going around the house. L. C. C.

BOXES-BOXES

Light Wooden Express Boxes for the Shipment of Cut Flowers and Plants.

Size	Per 100	Size	Per 100
3x 4x20	$2.00	6x12x24	$5.25
3x 5x24	2.25	6x12x30	6.40
3x 7x21	2.25	5x12x36	7.00
6x 6x24	3.40	6x12x36	7.50
4x12x24	4.50	6x15x42	10.25
5x12x24	4.80	6x15x48	11.50

Samples free. Prompt shipment.
Terms—$5.00 and under, cash with order please.
Approved reference.....2 per cent 10 days.
Net cash, 60 days.

GETMORE BOX FACTORY,
BELLEVILLE, ALA.
Mention The Review when you write.

"NICOTICIDE"
KILLS BUGS
TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.
Mention The Review when you write.

Composition Posts, (Patent applied for.) 12c per foot.
Composition Gutters, (Patented.) 35c per foot.

Freight paid where it does not exceed 30c per 100 lbs.

THEY ARE INDESTRUCTIBLE.
THEY WILL NOT ROT OR RUST.
YOU CAN DRIVE NAILS IN THEM.

These Posts and Gutters combine all the good qualities of iron and wood.

Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

KRAMER'S POT HANGERS.



Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

I. N. Kramer & Son
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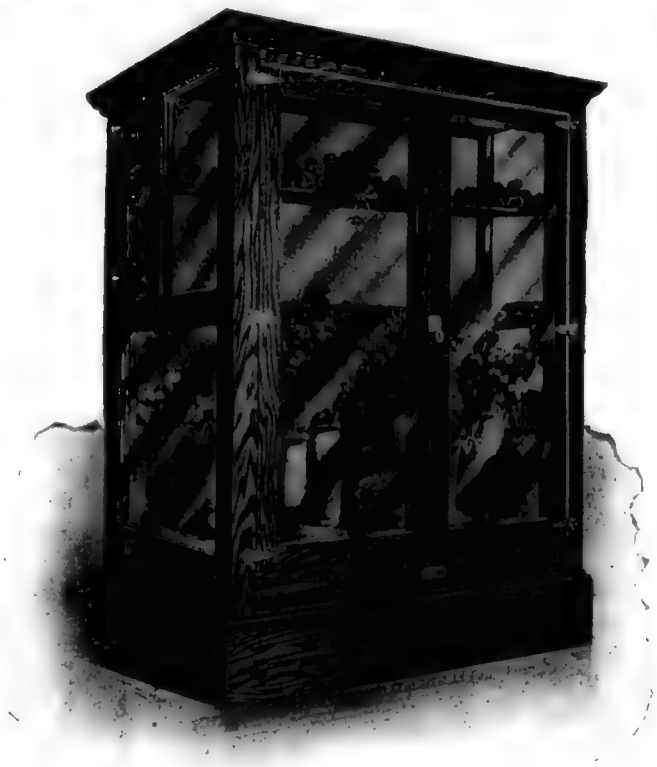
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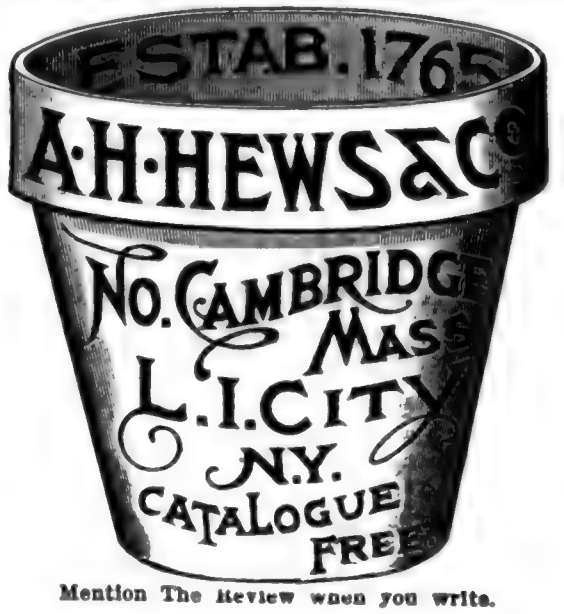
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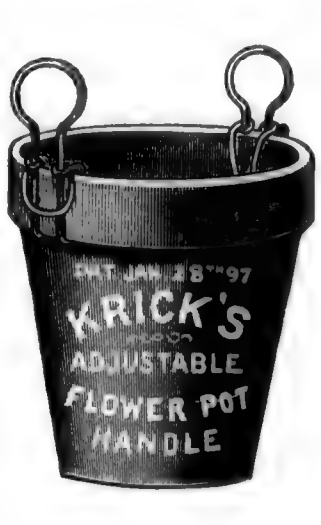
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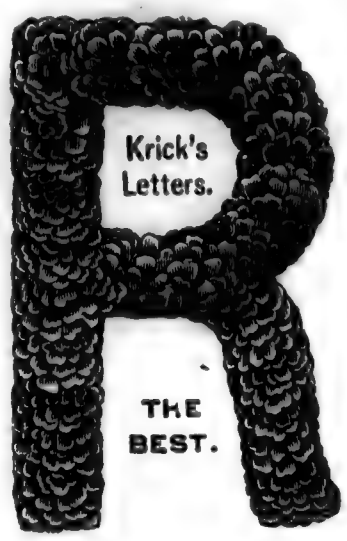
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By having the opening for supplying water from the boiler to the pipes enlarged to 4-inch and the return opening made the same size there should be no difficulty in heating your houses with an upright tubular boiler such as is used for steam heating purposes, provided the boiler has sufficient heating capacity. This can only be determined from the size, length and number of flues contained in the boiler.

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our new introduction to the trade,
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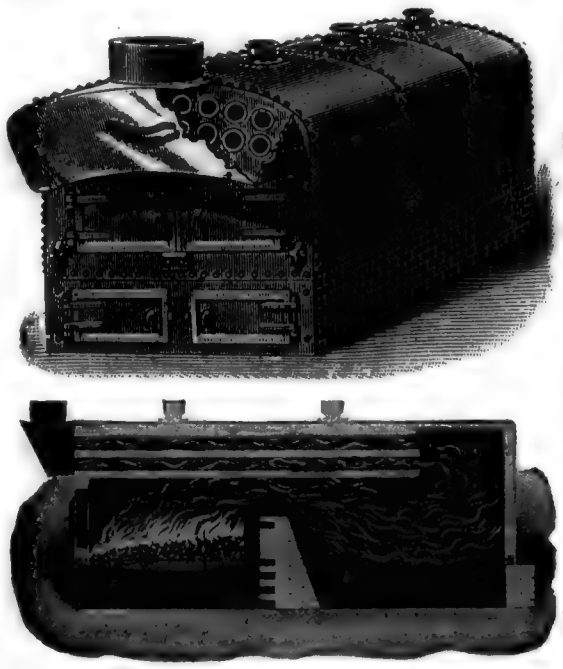
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We have a large boiler which gives us one 4-inch flow and one 4-inch return for each house. We would like to make a change as indicated in the enclosed sketch. Each house is 20x100, with shed along one end. The flow passes along the end, with the expansion tank at the highest point. Then the pipe branches into two 4-inch which in turn each divide into two. The pipes drop fifteen inches and at the boiler there is two feet fall. Let me know what you think of it. A. J. R.

Your plan seems to be a thoroughly practical one and will undoubtedly work well. I see no reason for putting in the two sets of U bends, however. The main flow pipe can as well be discharged into a manifold T with four outlets as into a U and this into two separate U's. Another improvement would be found in placing the expansion tank on the return pipe near where it enters the boiler, rather than in the riser near its highest point and where the water is hottest. The flow will be less impeded and a higher temperature maintained in the flow pipes by placing the expansion tank on the return as suggested. L. C. C.

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How to Destroy Cabbage Worms.

THE SLUG SHOT can be used lightly or heavily, and the cabbage suffers no harm. The cabbage forms its head by the interior growth; it throws off its earlier and outside leaves, and no dust can enfold within its head.

Apply SLUG SHOT with a Duster (see illustration), sieve it over the plants or full grown cabbage. The powder is very fine and goes a long way in field or garden.

Is Hammond's Slug Shot Safe to Use?

PLEASE LISTEN.

We work in it constantly for months at a time, with no ill effects ensuing.

☞ To eat SLUG SHOT in quantity to do harm to either man or animal is not practicable. So far as feeding chickens, pigs, or cows with heads of cabbage on which SLUG SHOT was applied, it has been done for years with impunity. No poisonous matter can be absorbed into the leaf.

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New Steel Valley or Side Gutter

We desire to call attention to the following features of this new Gutter:—

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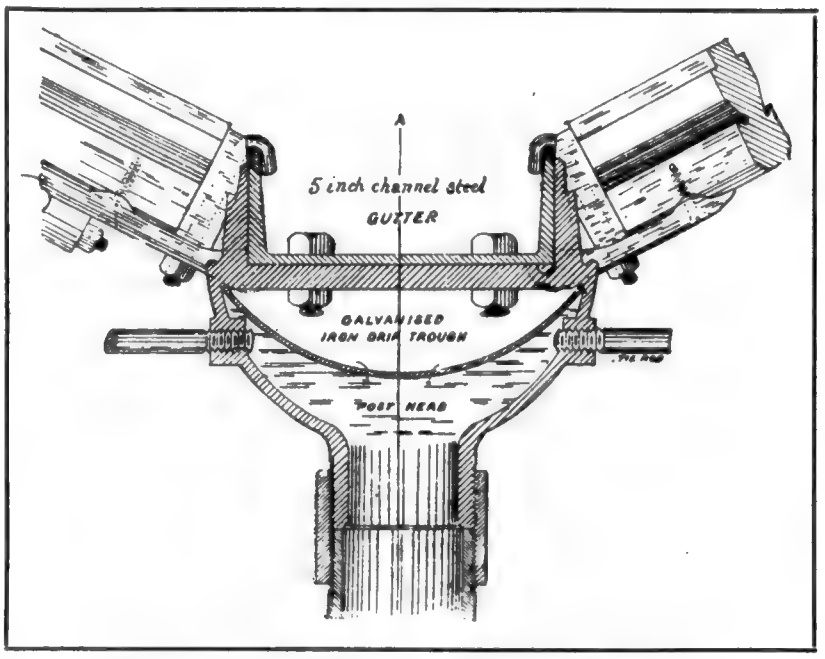
The width of the gutter being only five inches, there is cast the minimum amount of shadow with proper allowance for foot room.

NEW SASH-BAR BRACKET.

This is an entirely new design. An iron bottom plate is held to the gutter by a hook bolt. One end of the bottom plate projects under the gutter. This bottom plate carries the drip from the sash-bar into the drip trough. The end of the sash-bar is held away from the gutter, and is exposed to the circulation of air. The end grain of the wood is not broken by a screw. No other method of attaching sash-bars to a gutter affords as great a protection against end rot. The brackets can be set to suit any width of glass.

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A galvanized iron drip-trough catches **all** drip and leakage and drains it into the hollow post tops, and thence down the posts into the under drains.



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This gutter will carry safely a load of 4000 lbs. between supports.

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POST TOPS.

These are threaded for regular two-inch pipe coupling, and this ensures the roof from lifting off the posts.

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The gutter sections are cut to exact lengths and the ends drilled for bolts. In order to seal the joints, the sides of the post tops are carried up, as shown in the cut, no open cracks are then left.

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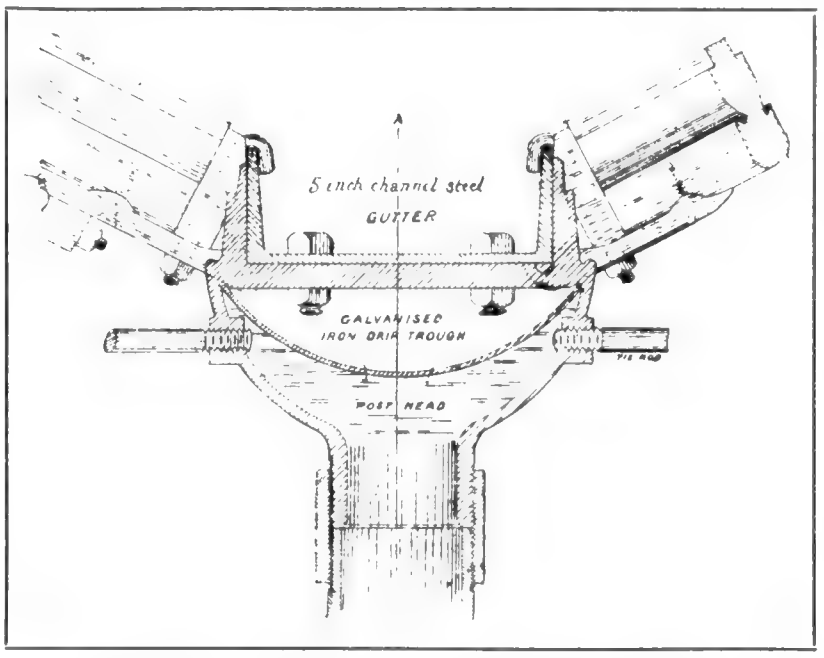
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For standard pitch of roof the ends of bars are left square

Price includes Gutter Channel, Drip Troughs, Sash-Bar Brackets, Bolts, Post Tops, Post Feet.

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The Wolf Improved System is the most convenient and durable. One single machine operates houses 50 to 400 feet long. One No. 6 double machine operates houses 200 to 700 feet long. We also furnish the latest improved pipe machines and the Wolf Dump Sieve Soil Sifter. Send for references and catalog.

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Quick Service is assured in filling all orders.

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CEDAR POSTS BENCH MATERIAL

THE LOCKLAND LUMBER CO.

LOCKLAND, OHIO.

CIRCULATING PUMPS.

In an answer to a query which appeared in the REVIEW of July 14 it is stated that "it is not best to endeavor to circulate hot water in runs of pipe exceeding 100 feet in length without a circulating pump. Are circulating pumps largely used? Are they the ordinary steam, gasoline, or hot air pumps? I am building a house 50x300 feet for lettuce and tomatoes and want to heat with hot water. A. W. C.

Any slow-acting force pump operated by steam, gasoline or electric power can be used to pump the water out of the returns and deliver it into the boilers. If you can arrange your buildings so as to have the heating plant in the middle of the houses, rather than at one end, you can undoubtedly use a gravity system. On long runs the gravity system works too slowly. The water loses too much of its heat in making the trip from and to the boiler, so that the distant parts of the houses are apt to lack heat. A circulating pump will quicken the flow and deliver the water back to the boiler at a much higher temperature than would be possible on long runs with a gravity system, and in that way supply water of more nearly even temperature to all parts of the system, thus insuring a more uniform temperature. L. C. C.

ROCKFORD, ILL.—Henry B. Sullivan is rebuilding his old glass, enlarging his place and adding Reynolds' houses to it, so that he will soon be well equipped to take care of his steadily increasing business.

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USE THE PEERLESS SULPHUR BLOWER.

EVERY GROWER SHOULD HAVE ONE. Saves Time and Money. Distributes equally well Lime, Slug Shot, Tobacco Dust, Paris Green or any powder. Circular with testimonials on request.

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Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus.

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GREENHOUSE CONSTRUCTION

On New Structures, Additions and Rebuilding
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MATERIAL FURNISHED ALL CUT TO EXACT SIZE, READY FOR ERECTION

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We Make
Cuts of

FLOWERS
LETTER HEADS
CARDS, ETC.



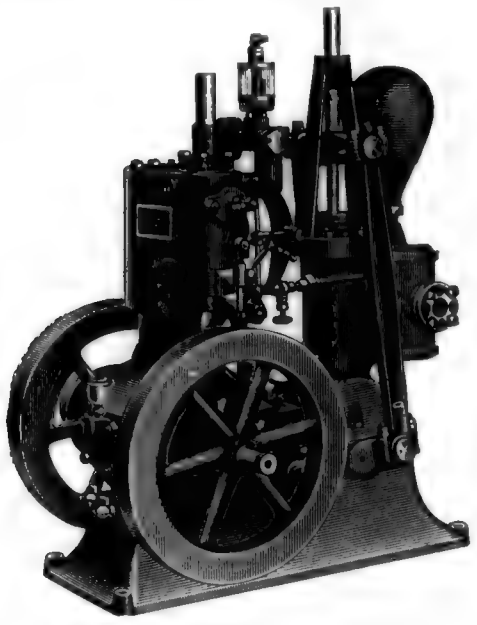
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If a man does his spraying and pumping in ½ the time, at ¼ the cost, with ⅛ as much work, and uses only $\frac{1}{16}$ as much space, and gets 4 times the water, at 3 times the pressure, from 2 times as many hose, with 1 starting of the machine.

HOW DOES HE DO IT?

ANSWER:

He puts in a Gasoline PUMPING ENGINE

MADE BY

The Standard Pump and Engine Co.

CLEVELAND, OHIO.

Our Catalogue "F," sent on request, will tell you more about them.

Mention The Review when you write.

NEW CASTLE, IND.

The prospects here for a successful year in cut flowers appear to be very bright. The different large concerns are making an excellent showing with young stock. The obnoxious leaf roller is somewhat prevalent in this section and it is only by persistently picking them off that they are kept down.

While Heller Bros. have always been rose growers exclusively, they are making a departure in planting a number of their houses with carnations. This is more of an experiment and, if successful, will undoubtedly become a regular part of their business. The new house which was recently put up by them is one of the widest for its length in this country, it being 47x265. There are twelve benches in this house, six being planted with Brides and the others with Maids. One of the Beauty houses is yielding a very fine cut, stems measuring as high as thirty inches, which is rather good for this time of the year. Aside from installing a new 100 horse-power hot-water boiler, erecting a good-sized propagating house and making a few necessary alterations before cold weather sets in, no changes will be made.

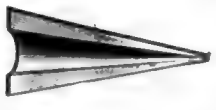
Dittman's Beauty houses, situated just across the street from Heller Bros., are in good condition and Mr. Dittman is getting some very good blooms.

The Benthey-Coatsworth Co. is also making a fine showing with their stock, particularly some of their Brides and Maids, which are doing exceptionally well and making remarkable growth.

S.

ANGOLA, IND.—The firm of Powers & Johnson has been succeeded by Powers & Gibbs.

WHEN YOU BUY **CARNATION SUPPORTS,** BE SURE YOU BUY **"THE MODEL"**



Used by successful growers everywhere.

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Especially adapted for greenhouses.

The Parker-Bruen Mfg. Co., Inc.

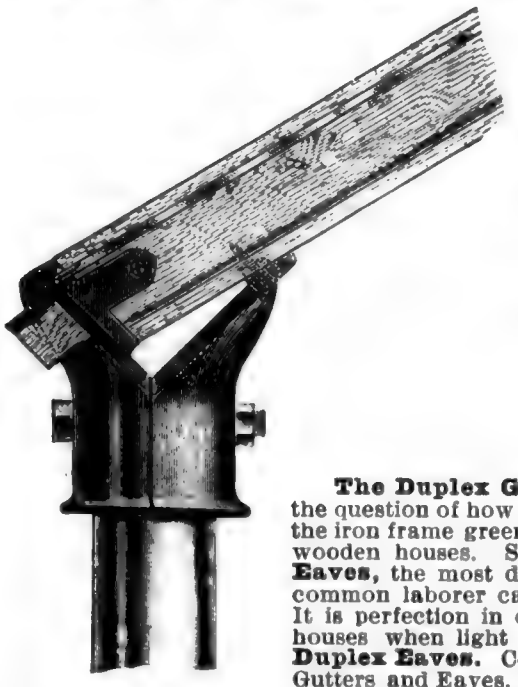
Florists' Specialties.

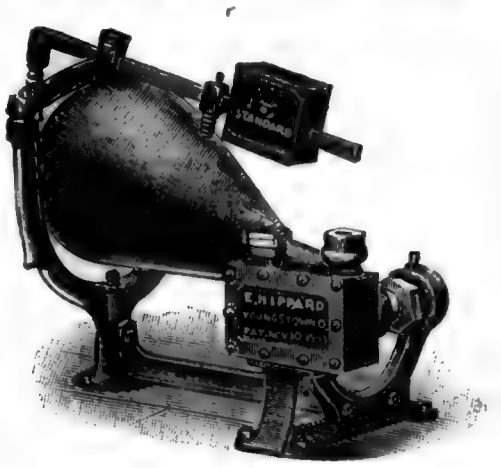
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Write for booklet "F."

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The Duplex Gutter and the Duplex Eaves have solved the question of how to build up-to-date greenhouses as durable as the iron frame greenhouses at high prices, and nearly as cheap as wooden houses. See the cut that represents the new **Duplex Eaves,** the most durable, strongest and simplest to erect. Any common laborer can set them as perfect as an expert mechanic. It is perfection in construction. No ice or snow to darken your houses when light means money. Positively no shade from the **Duplex Eaves.** Costs only about $2.00 per foot, including Duplex Gutters and Eaves, Iron Posts for Gutters, Iron Purlins with Posts, Tees and Floor Plates, Center Posts with Plates and Bases.

STANDARD VENTILATING MACHINES, complete with double strong Pipe, Cypress Sash Bars and Ventilating Sash. Investigate the proposition and convince yourself of the fact. Also note the simplest steam return **Trap** made; just what a florist needs and a coal dealer condemns. Catalogues and circulars free.

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Are You Going to Build? If so you want first quality at the lowest possible price.

Our Catalogue will give you many hints, and may save you money.

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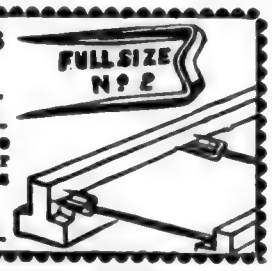
CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

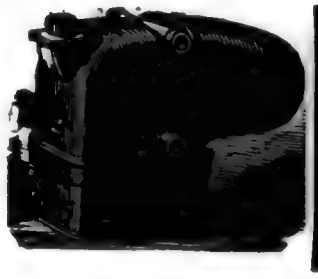
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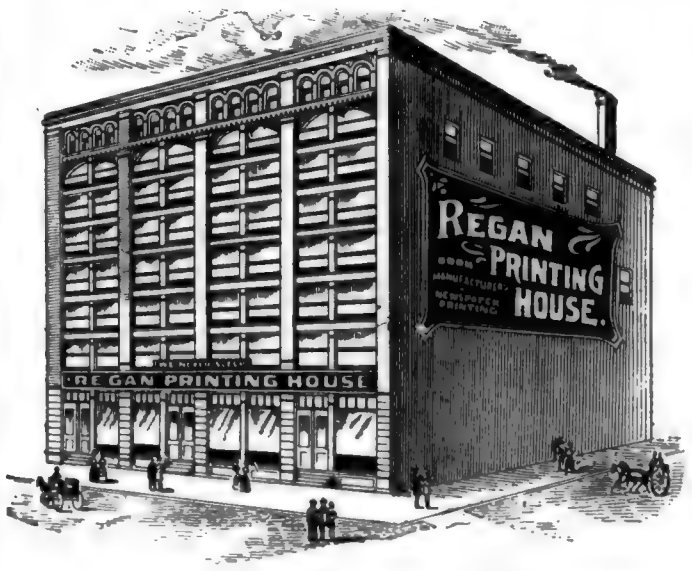
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50 per cent. SAVED in Your Fuel Bill by Using "ECLIPSE" or "INVINCIBLE"

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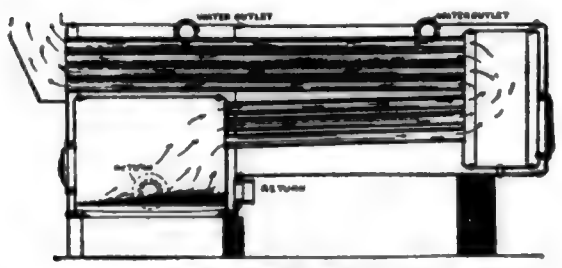
Internally fired, easily accessible. No brick work to absord heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the **best flange steel** No boilers on the market so readily and easily cleaned.



Let us hear from you to-day. All sizes in stock.

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Superior Boilers Are Good Boilers.
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Dealers in all kinds of **LUMBER** and manufacturers of
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"Special" Greenhouse Putty.

Made from PURE LINSEED OIL and KILN DRIED WHITING, absolutely unadulterated. Works easier than others, therefore more readily applied. The Best Putty for

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It costs a little more than other makes, **but lasts longer. Try a sample lot and be convinced.**

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Patent Iron Bench Fittings and Roof Supports.
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Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.
GEO. M. GARLAND, DES PLAINES, ILL.
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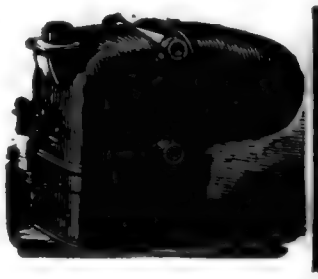
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HORTICULTURAL ARCHITECTS AND BUILDERS

WEST SIDE AVENUE SOUTH, **Jersey City, N. J.**

WE CAN REDUCE YOUR COAL BILL!

WE DID IT FOR OTHERS LAST WINTER

ALTHOUGH IT WAS ONE OF THE MOST SEVERE WE EVER HAD; EVERY FLORIST WHO USED A "PIERSON" FOR HEATING WAS SATISFIED; THEY ALL SPEAK ALIKE. HERE ARE LETTERS FROM TWO:



SAVED ABOUT 15 PER CENT. IN FUEL

MONTAGUE BROS., Lima, Ohio, write:

"The past season was the severest we ever passed through in greenhouse work. Winter caught us before we were fully prepared for it. Your 'Pierson' boiler stood the test in every particular, and did the work as it was claimed to do. We were able to save about 15 per cent. in fuel, having had a boiler of different make in the same house the two preceding seasons. It is very easy to fire; the draft is arranged almost perfectly, and consequently it is a very quick heater. After the water is hot it takes very little fuel to keep an even heat. It is the easiest boiler to clean we have ever seen."

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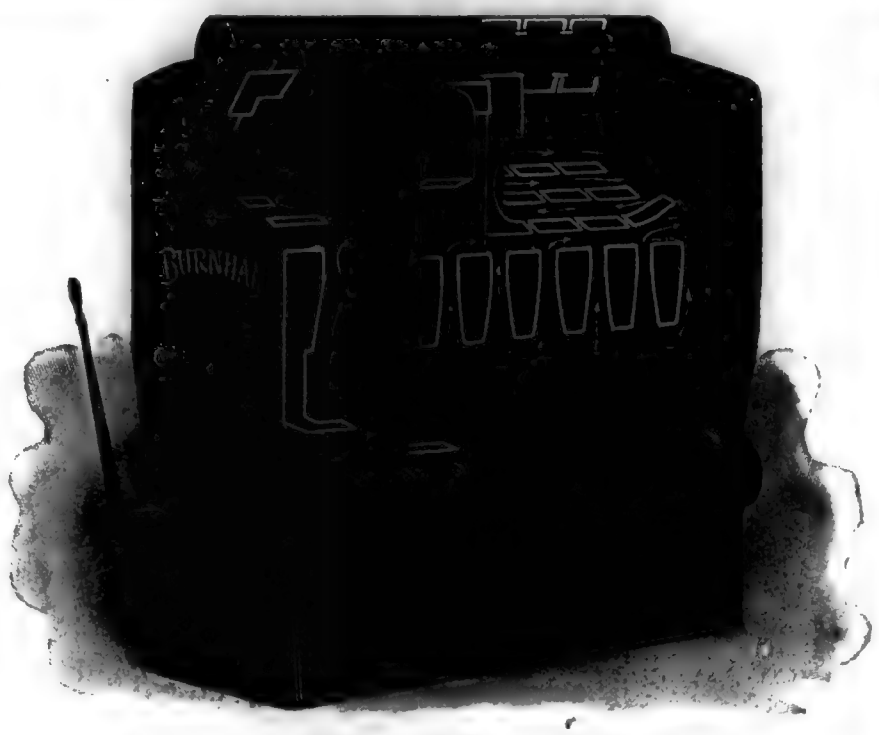
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For Greenhouses.

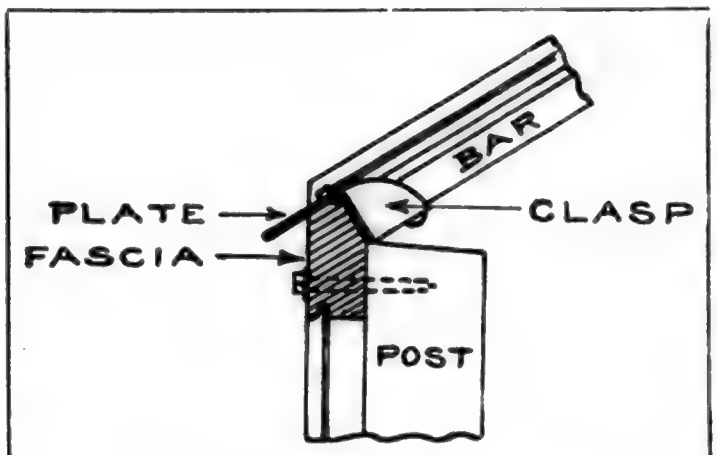


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RELIABLE, DURABLE, ECONOMICAL.

Red Gulf Cypress Material

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MODERN GREENHOUSES DESIGNED

ERECTED AND HEATED COMPLETE.

Send ten cents to our New York Office for catalogue of Iron Greenhouse Construction, also Heating and Ventilating catalogue, five cents each for postage.

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THE WEEKLY

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A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, AUGUST 25, 1904. No. 352.

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No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

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Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
Bulbs 7 to 9 "	" 200	"	8.00	75.00
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For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis. Cold storage Lily of the Valley for Summer flowering. **See our advertisement on page 671.**

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Grown on high, dry land. NO STEM-ROT.

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Queen Louise	6.00	.....
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Her Majesty	5.00	.....
Lillian Pond	5.00	40.00
Wolcott	5.00	.....
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	Per 100	Per 1000
Crimson:		
Harlowarden	$6.00	$50.00
Harry Fenn	6.00	.....
Roosevelt	5.00	.....
Fancies:		
Prosperity	5.00	.....
Marshall Field	6.00	50.00
Dorothy Whitney	7.00	60.00
Tiger	6.00	.....

Scarlet:	Per 100	Per 1000
Crusader	$10.00	$80.00
Estelle	6.00	50.00
Manley	6.00	.....
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Adonis	6.00	.....
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Mrs. Thos. W. Lawson	6.00	50.00
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We are also booking orders for next season's winners, **"Fiancee"** and **"Cardinal,"** each $12.00 per 100; $100.00 per 1000.

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Found many Florists completely sold out of Geraniums this year; for the benefit of such, we offer **500 Geraniums in elegant young stock in 20 best sorts for $10.00.**

DWARF SALVIAS, which are immensely popular, 4 early-flowering varieties, at $3.00 per 100.

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ROMANS AND PAPER WHITES

Mammoth Freesia (Pure White.)

LILIUM CANDIDUM, etc. Well Ripened Stock.

THE PICK OF THE FRENCH CROP.

Ready Now.

CALLA BULBS, properly cured, all sizes.

First carload of DUTCH BULBS due soon.

Special large purchases of select crops enable us to sell you

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FIRST PLACE

Was awarded to us at St. Louis. Since the Convention we are receiving congratulations from all sides for the **Wonderful** display of **New Up-to-date Ideas** in **Florists' Supplies** and **Ribbons** that we had on **exhibition** at **St. Louis.** It occupied **1200 Square Feet** (**the largest there**) and everything shown was out of the **Ordinary.** It proved an **Eye-opener** to the **Progressive Florist** who was fortunate enough to have seen it.

IN FLORISTS' SUPPLIES AND RIBBONS

WE ARE "IT"

KEEP IN TOUCH WITH US FOR NEW NOVELTIES.

M. RICE & CO.

RIBBON SPECIALISTS. Importers and Manufacturers. LEADING FLORISTS' SUPPLY HOUSE.

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JUST ARRIVED.

Per 1000 lbs.....$60.00
Per 100 lbs.....7.50

Stems running from ½ lb. to 6 lbs.

Prices on all

Summer and Fall Bulbs, Plants and Roots

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Cineraria Grandiflora.

TALL .....Finest Mixed per pkt., 50c.
SEMI-DWARF....Finest Mixed, per pkt., 50c.
STELLATA .....Finest Mixed, per pkt., 25c.

Pansy, Superb Mixed.

⅛ oz., 75c; per oz., $5.00.
Choice Mixed, per oz., $2.00.

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Our 26 years' business experience guarantees you straight goods.

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OUR SPECIALTIES:

Wax Flowers, Wax Flower Designs,

WHEAT SHEAVES,

Wicker Pot Covers, Plant Stands.

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PEERLESS SULPHUR BLOWER.

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.

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FLORISTS' SUPPLIES,

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FLORISTS' SUPPLIES AND RIBBONS

108 W. 28th St., NEW YORK CITY.

—HEADQUARTERS FOR NOVELTIES—

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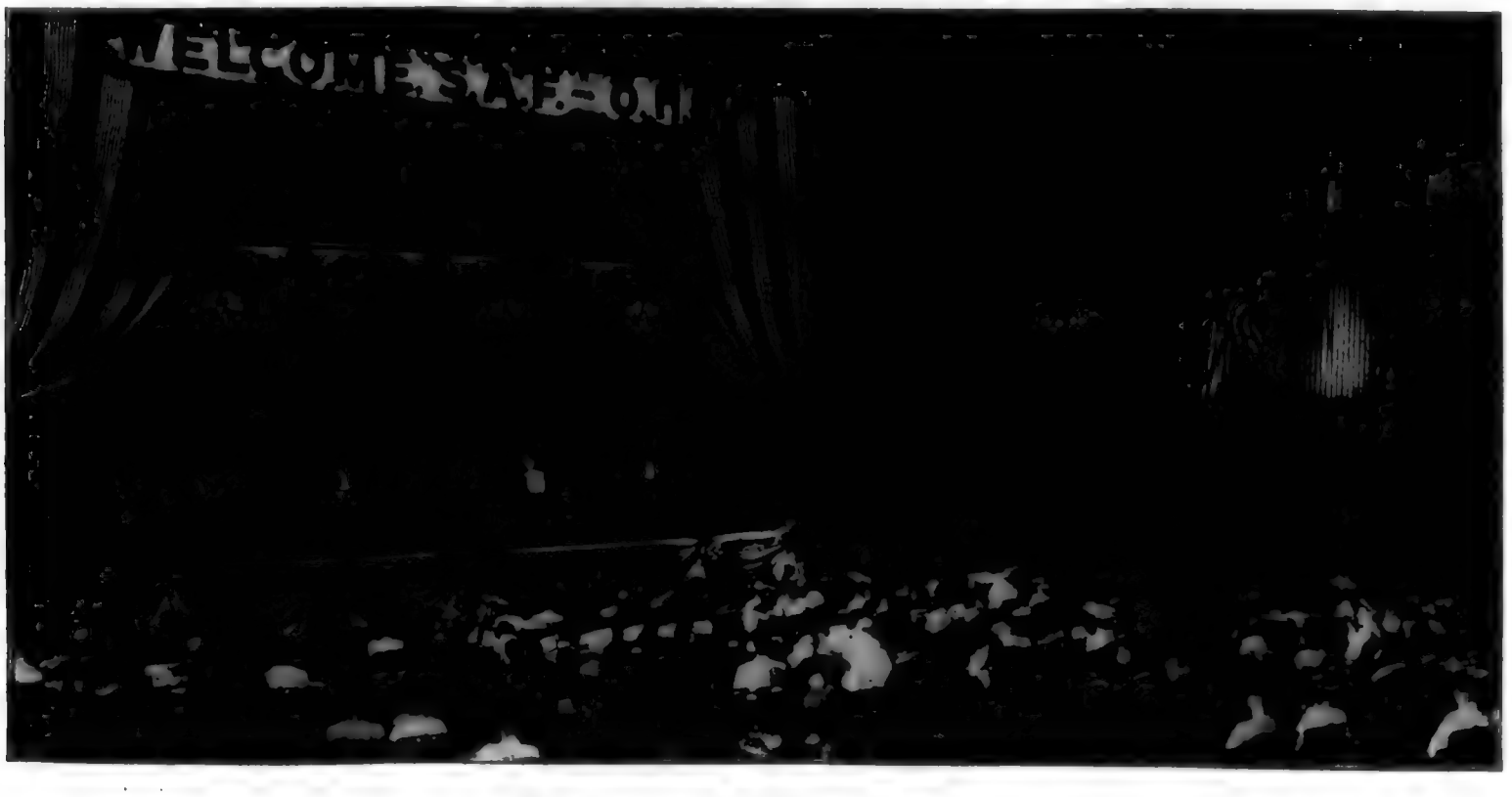
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The St. Louis Convention in Session.

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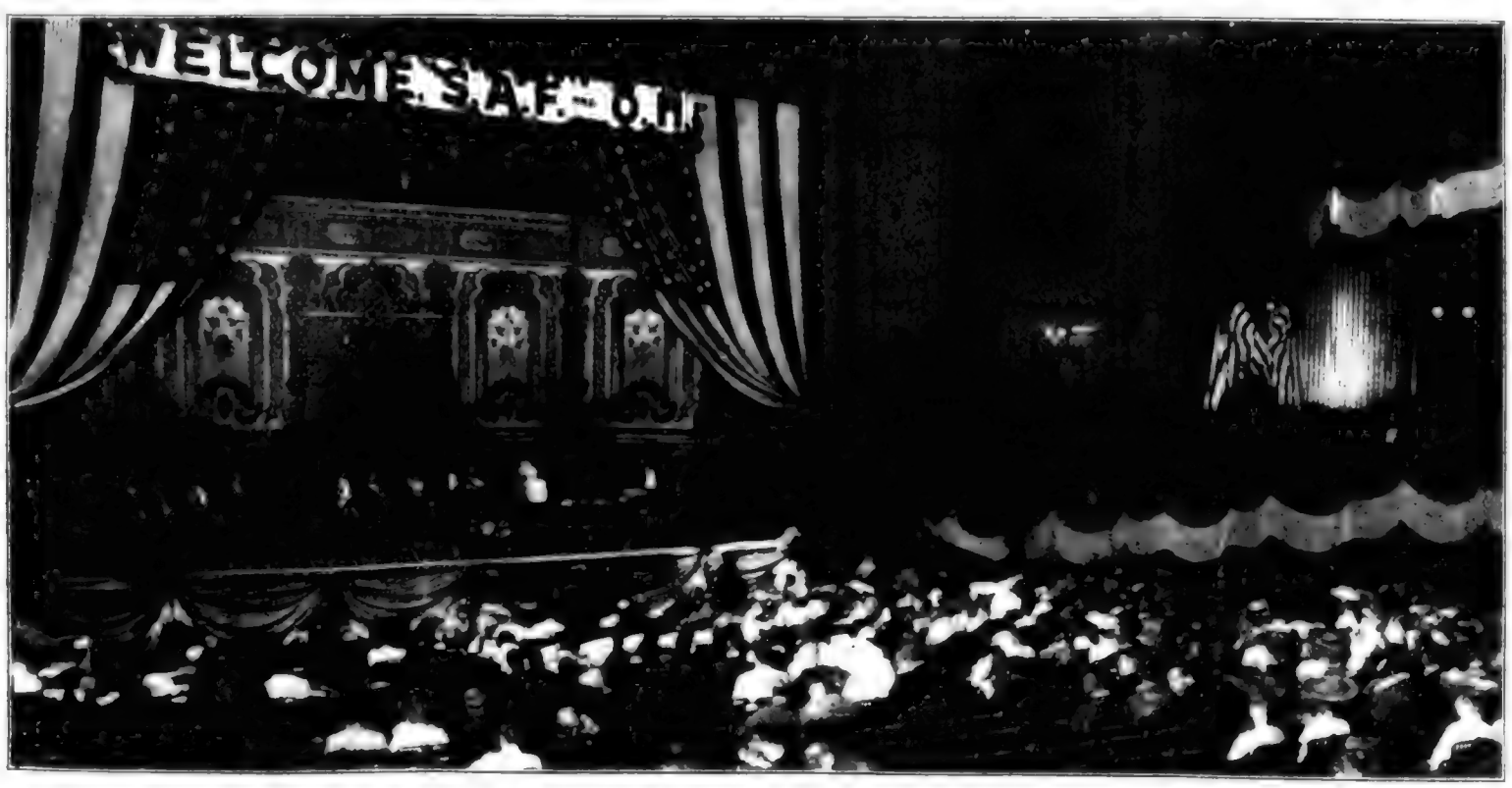
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The St. Louis Convention in Session.

raise the emotions finer than the man from Posie county, and if Mr. Breitmeyer had thanked us in flowing language, we should not have believed it had touched his heart. His heart was in his throat. He almost choked, uttered a few words of gratitude and subsided and we truly believe never was his heart fuller than at that moment, except perhaps at that hushed time a few years back when the present Mrs. Breitmeyer fell on his manly chest and lisped in accents low and sweet, "Phil, I am yours." Pull down the curtain, only a few of us have that experience more than once.

The election was lively and a friendly contest does no harm. It brings out the attendance and there is enough of the old Adam left in all of us to enjoy competition. For president and secretary it was by no means a walkover. The sharp and close election for secretary was a shake-up and the waves caused by the eruption will flow outwards and have their beneficial effect. No one's face was more radiant after the election than broad-minded John F. Sullivan. The society honored itself in the re-election of Mr. Beatty and the Washington boys did nobly in selecting sturdy, manly J. R. Freeman.

The sporting element was conspicuous throughout, but interfered not in the slightest with the legitimate business of the convention and to get a good crowd together is as much an essential as any part of the performance. Many good fellows are enthusiasts at bowling, but there are two men indispensable to make it good and jolly, viz., John Westcott and Phil Hauswirth. The latter's service to the Bowling League was most properly acknowledged and if utter exhaustion did follow his all-day exertions on Wednesday, he came up as bright as the evening star by Friday morning. As for John, of Philadelphia, his delight is to see others enjoy the game and have a good time generally.

cup are in their keeping for the year. Let them pat them and kiss them and fondle them, for at Washington next August they will be sorrowfully compelled to say, "Bye-bye, you beauties."

Age does not interfere with the art of bowling, as is proved by the presence of a China clock just arrived from St. Louis and now situated near our front door, too handy, rather, for "the missus" to see the time of night as she opens the door for us. All will return home with pleasant recollections of the bowling tournament and many with something more substantial than memories.

The shooting was ably conducted by Mr. Tesson. Unfortunately a Chicago gentleman had so many pleasant things to say to us at the hotel after the business session, we could not get to the shooting either in time or condition.

Mr. Altick again demonstrated that he is not only a first-class member of the more serious side of our meetings but can shoot like a Boer.

Our opinion is that the attendance at the convention and at the opening session, as well as the other meetings, was not equal to several conventions which we could mention. Many eastern faces were missing. Fear of oppressive heat and the intention to visit the World's Fair in October or November were the principal causes.

The trade exhibit has also been larger on previous occasions, yet it was large, well managed and all in order at an early hour. Every requisite of our business was well represented. I am going to take the liberty to mention but a few. There were splendid assortments of palms from Philadelphia, ribbons in color and texture that would charm a grass widow, bulbs from everywhere, baskets that were charming, bells that were beauties and a host of other plants, requisites, vases, boilers, model greenhouses, etc.

Three ferns deserve especial mention, for ferns now enter largely into our



Building Material Exhibits at the St. Louis Convention.

How good of Philadelphia, Buffalo, St. Louis, New York, Cleveland and the other cities to either send their weakest team or no team at all and let Chicago have the principal prizes. They have struggled hard for ten years and have landed at last. The magnificent Kasting challenge trophy and the splendid Beatty

business. Adiantum Croweanum was shown by W. F. Kasting. For cut fronds this must be the adiantum of the future. Distinct from all of its type, its length of stem, size of frond and keeping qualities leave it without a rival. The Tarrytown fern, a sport of Piersoni, is quite distinct from the former. Whatever its commercial value may be, we cannot foretell, but for a beautiful specimen, where ferns are admired, this will take a foremost seat. It can be classed as a filmy fern, as beautiful as the famous Killarney fern.

And lastly, but not leastly, we come to that really wonderful display of Nephrolepis Scottii, from John Scott, of Brooklyn. Of the many forms of N. exaltata this has every promise of superseding the good old Boston form. Just as graceful, but more dense in growth, marvelously quick to make a fine plant and yet a small plant in a 3-inch pot is a specimen. We think it by far the most valuable commercial fern that has appeared since the advent of the Boston variety.

That visit to the Missouri Botanic Garden and the courtesy extended to us by Prof. Trelease was most enjoyable and we hope all intelligent visitors to the World's Fair will not miss Shaw's Garden and see how horticulture should be carried out in its ornamental direction.

We did not take in the world's largest brewery. Don't care for such things, yet saw many take the cars for that mammoth irrigation plant and must vouch for the fact that on their return there was little alteration in color of countenance or demeanor.

The World's Fair, brother florists who did not see it, is stupendous. It seems impossible that any bigger or grander can be conceived or carried out by man and if it could be bigger, it is certainly not desirable. Everyone goes there more or less interested in his own particular line or fancy, some to study art or architecture, some to look mostly at clocks or carpets, others to look at engines of power or destruction. Florists go there to admire ornamental gardening, and that is the weakest part of this marvelous show. The sunken gardens are beautiful, particularly when not too closely inspected. The stiff little edge of African tamarix surrounding each bed is new, unique and excellent in effect. It outlines the designs admirably. The sloping lawn and flower gardening falling away from the summit of the cascades is grand, and who on earth, at this day or any other, has ever seen such an imposing or magnificent sight as these cascades. The long rows of fine maple trees on each side of the central lagoon is a mistake. They largely obscure from sight the splendors of the cascades. If they were removed to the grass borders near the gigantic buildings they would give a clear view of the crowning glory of the exposition and much improve the buildings.

The bare white walls of these many twenty-acre buildings tire you, unrelieved as they are without a leaf of greenery of any kind. Frederic W. Taylor, chief of agriculture and horticulture, has filled his gigantic buildings splendidly with the products of farm and orchard. The ornamental division of horticulture, in charge of Mr. Hadkinson, superintendent of floriculture, had crushing obstacles to overcome, but he has mastered them and the surroundings of the Agriculture and Horticulture buildings are now brilliant with cannas and other summer bedding plants. Stupendous as is the extent of the fair and its still more marvelous buildings, there is an impression forced on you that if it were half the size it would be far more beautiful, or could be made so. Go and see it. It is wonderful, even if it is overgrown.

Let us all busy ourselves to get that

sum of $10,000 together to perpetuate the care of the ground surrounding the monument of Wm. McKinley. It's a chance that many a trade or profession would be glad of. It was eloquently set forth by Mr. Altick, of Dayton. It takes but a trifle from each and we shall ever be remembered.

In conclusion, Mr. Editor, I have tried to be serious in these rambling notes, although there were plenty of jokes, anecdotes and laughable incidents in the course of this enjoyable convention. There is only one I remember at this moment, and it illustrates the necessity of a knowledge of church etiquette. It appears that Mr. Ringier, of Chicago, with a friend, having no other place to go Sunday before the convention, entered an Episcopal church. A vestryman handed him a beautifully bound prayer book. Mr. R. thanked him and put it in his pocket, and the same afternoon dispatched it to Chicago as a souvenir of St. Louis to his wife. Later he was notified that the good book was only for his use during service. The book was returned from Chicago and all is well.

St. Louis boys one and all without distinction, you worked hard. You did well and succeeded in making the convention one long to be remembered with pleasure. We thank you all.

William Scott.

CONVENTION NOTES.

In his address President Breitmeyer deplored the fact that discussion had been more and more limited at recent conventions. It must have been a pleasure to him that the debates on the affairs of the society and the discussions on the essays were never more animated than at St. Louis. Little was left to be desired in this direction.

The heavy rains were too much for the roof of the exhibition hall. The leaks did considerable damage to S. S. Pennock's ribbon display.

Souvenirs were plentiful. Pennock distributed pencils, Moninger had match safes. Herenden paper weights, Reed & Keller a card with a girl dressed in a skirt like a folding Christmas bell, and there were many more.

G. M. Kellogg said that tobacco stems are hard to get since the trust bought up all the cigar shops and he put a question in the box as to the best substitute for use in fumigating. Several members related varying experiences in the use of nicotine extracts and J. T. D. Fulmer said that the tops of cannas cut off in the fall and dried had proved a satisfactory fumigant.

Albert M. Herr noted the absence of those recognized as carnation growers and put this question in the box: "Would it be advisable to change the date of meeting to suit the convenience of carnation growers, August being one of their busiest months?" Opinion was unanimous that it wouldn't.

The inscription under the group photograph in last week's issue, "The Men Who Made the Convention," was a typographical error. It should have been "The Men Who Made the Exhibition," but it wasn't so far wrong, after all, considering the important factor the trade display has been in recent years.

Among the cannas at the World's Fair, Jean Tissot, exhibited by Henry A. Dreer, Philadelphia, attracts instant attention. It is a dark foliaged sort, of rather less than medium height, the flower of a brilliant scarlet crimson, and



Exhibit of Reed & Keller, New York, at the Convention.

habit excellent. It seems to be a real advance in this important class.

In the Horticulture building at the Fair the only important cut flower display during convention week was that of Arthur Cowee, Berlin, N. Y., whose collection of gladioli was a revelation to the visitors.

The St. Louis florists are entitled to much credit for the admirable arrangements made for the meeting and the comfort of the visitors. The only St. Louisan who failed to do his duty was the weather man.

The convention souvenir, prepared under the direction of J. J. Beneke, was a remarkably handsome example of fine printing as well as a compendium of useful information.

The glass mending device shown by the C. C. Pollworth Co. promises to be useful. They have patented it.

Nearly all the exhibits were sold to local florists.

HAIL ASSOCIATION.

At a meeting of the directors of the Florists' Hail Association at St. Louis last week, E. G. Hill, Richmond, Ind., was elected president, H. H. Ritter vice-president, J. G. Esler secretary and A. M. Herr treasurer. The directors elected were J. T. Temple, J. F. Wilcox and J. C. Vaughan.

JOSEPH R. FREEMAN.

Joseph R. Freeman, of Washington, D. C., arrived in America July 28, 1868, after nearly five years of apprenticeship under the celebrated Michael Saul, fruit specialist and writer for Gardeners' Chronicle, of London, England. He at once took charge as greenhouse foreman at the establishment of the late John Saul, where he stayed until September, 1872. He was then at the U. S. Agricultural Department for about two years, superintendent of the beautiful Oak Hill cemetery for a term of years, under the late W. H. Saunders, and late of Bonnie Brae cemetery, in Baltimore County, Maryland, leaving the latter place in 1880 to start in business in Washington, D. C., where he is now located. He has quite extensive greenhouses, where both plants and cut flowers are grown, and conducts a retail cut flower and plant business at 612 Thirteenth street N. W., where many florists who attended the Washington convention of the S. A. F. had the pleasure of seeing him, and no doubt carried with them pleasant recollections of their visits. Mr. Freeman is now 54 years of age and is still able to put characteristic energy into anything he undertakes, is well known by the general public in his adopted city and is particularly proud of the good will of the members of the Washington Florists' Club, whose president he has been for two terms. He is naturally averse to office-holding and needed some persuasion to allow his name to be used at St. Louis, where he was elected vice-president of the S. A. F.

MUNICIPAL IMPROVEMENT.

BY JOHN A. PETTIGREW, BOSTON, MASS.

[Read before the Society of American Florists at St. Louis, August 18, 1904.]

Looking at Central park, New York, as it is today, and taking into consideration the fact that the first steps to condemn the land for park purposes were taken in 1853, we cannot fail to be impressed with the immense advantage that has accrued to the city in the short space of fifty-one years, and with the truth that horticulture plays a very important part in the civic economy of the United States.

In 1882 the New York Park Association (formed because of the apathy of New York in a work of such importance) appointed a committee to endeavor to secure an extension of New York's park area. This committee published a report showing the immense pecuniary returns to the city in twenty-five years by the construction of Central park. To quote from the report:

Parks Affect Values.

The cost of the land taken for the Central park was $6,666,381, to which must be added $9,873,844 for construction, $6,500,000 for maintenance, and $20,753,925 for twenty-five years' interest on the Park Assessment and Improvement Bonds, making a total cost of $43,794,150. Large as this amount appears and undoubtedly is, it is comparatively insignificant in view of the enormous benefit which resulted financially to the city from the improvement. The amount collected in twenty-five years on the property of the three wards named (the wards contiguous to Central park) over and above the

ordinary increase on the tax value of real estate in the rest of the city, was $65,000,000, or about $21,000,000 more than the aggregate expense attending and following the establishment of the park up to the present year. Regarding the whole transaction in the light of a real estate speculation alone, the city has $21,000,000 in cash over and above the outlay, and acquired in addition thereto, land valued at $200,000,000.

The above statement shows the influence Central park had on the value of contiguous property up to 1881. The enormous value of the same property at the present day, in comparison with real estate further removed from Central park, shows the continued influence of public parks on the value of adjoining property. Quoting again from the New York Park Association report:

The case of Chicago presents still stronger and more conclusive testimony. In a letter to the secretary of the New York Park Association, Mr. W. H. Harmon, secretary of the Chicago park department, responds as follows to a question as to what has been the effect of parks upon the value of adjacent land: "The immediate effect was to double and quadruple property."

That the establishment of park areas has invariably enhanced the real estate value of contiguous property has been the experience also of other cities. The commissioners of the Boston park department, in their report for the year 1896, page 63, referring to the increased value of lands surrounding park areas, say:

With regard to the influence of public parks on the neighboring real estate, no recent figures have been made. In 1890 the board published a statement of the increase in value of the Back Bay lands since the establishment of the park. By this table it will be found that the land alone was trebled in value in thirteen years, while the valuation of land in the rest of the city during the same period increased only 18 per cent. The increased taxes on this land, without including the buildings erected, aggregated over $2,000,000—a sum more than sufficient to pay the entire cost of the improvement at that time. The increased taxes on new buildings erected on these lands yielded $1,500,000 more of revenue. While the increase in the value of the lands adjoining other parks of the city has not shown a like phenomenal growth, present indications point to a largely increased revenue from this cause in the future, which may justify the opinion expressed in the earliest report of the board that the establishment of public parks will have the tendency to lessen the rate of taxation instead of increasing it. The cost of the land taken for the Back Bay Fens averaged about 12 cents per foot; the cost of improving the site brings the present cost of the land up to 52 cents per square foot, while the adjoining land is selling at $3 to $5 per foot, although the growth of the city has not as yet brought very much of it into the market. The cost of Franklin park land averaged about 7 cents per foot and the cost of improvement about an equal amount, or a total of 15 cents per foot, which is a moderate valuation for this magnificent property, where land adjoining will bring from 50 cents to $1 per foot. The same result is shown in the case of the whole park system, the average cost of which today is only 6 cents per foot for the land and about 8 cents per foot for improvements.

This experience, which was common to all cities in which parks had been constructed, accentuated the park movement until we find that up to the year 1901 (according to the report of the park census committee of the Park and Outdoor Art Association) there were purchased, or otherwise acquired, and dedicated to public use approximately 75,000 acres of land, apart from United States government reservations, and that approximately there are being spent annually, in the towns and cities of the United States $11,000,000 for park improvement and maintenance.

Motives of Promoters.

Various motives have governed the promoters of the park movement, but the prevailing motive was primarily to introduce rural landscapes into cities and towns. When cities were not so large or so densely populated they were more rural in character, and satisfied public requirements in this respect; but, as population increased, the villas and cottages, with their accompanying grounds and gardens, gave place to bricks and mortar piled up in closely-built blocks, and the woods and fields, so eagerly yearned for by the city dwellers, became more and more remote with each year. The park movement, therefore, was born of necessity; the physical well-being, comfort and health of the public demanded that open spaces should be provided convenient for public use.

Horticulture, too, is one of the most important factors in street adornment. Imagine the effect of the removal of the trees from an old-fashioned village street. How unpicturesque would become the irregularly placed houses! How uninviting and inhospitable would be the home yard without the old-fashioned flowers bordering the walk, or without the vines over the porch door and the overhanging branches of the shade trees nearby! The early settlers in the eastern states recognized this fact, and, invariably, after finishing the building of their houses, no matter how unpretentious the houses were, planted trees in the street or road in front, and, if means allowed, extended the planting to the boundaries of their estates. To these early settlers the wayfarer of the present day is indebted for the grand old elms which are to be found in the New England towns and villages. Ancient clumps of the common lilac, eglantine or bouncing bet, planted by the same hands, add an interest to many an old homestead.

Desirability of Tree Planting.

The desirability of tree planting in streets is so great that it may be classed as one of the most important of civic duties. Nothing impresses the visitor in a city more than the air of comfort apparent in well-planted streets. It matters little how imposing or ambitious the architecture on a street may be, unless its lines are softened by the foliage of trees and vines, it seems devoid of artistic taste, and is barren and inhospitable to the eye. On the contrary, a street may be humble in its architectural pretentions, yet, if clothed with foliage, every dwelling seems framed in contentment and restful peace.

Trees also ameliorate the heated conditions of summer temperature, not only by the grateful shade they afford the city dweller, but also by the large amount of moisture they draw from the ground and evaporate into the atmosphere. They are also good sanitary agents. They absorb stagnant water through their roots, and exhale from their leaves life-giving oxygen. The value of trees from a sanitary point of view is illustrated by the action of the New York Medical Society, which passed the resolution "That one of the most effective means for mitigating the intense heat of the summer months and diminishing the death rate among children is the cultivation of an adequate number of trees in the streets." This is further emphasized by the fact that the bill presented to the legislature of New York, asking that the street trees of New York be placed in the care of the park commissioners, was drawn by a physician, a member of the State Board of Health, and was introduced merely as a sanitary measure.

Trees, too, have an educational value, not only as object lessons close at hand for nature study, but also by instilling into the youthful mind an early love for the beautiful in nature. For the great majority of city dwellers, and for the greater part of their lives, the street trees are the only bits of sylvan beauty available for them to enjoy; the parks, or the country, usually are not convenient for a visit oftener than once a week at most.

For these reasons, beneficial as are parks for the people, it would seem to be of infinitely more importance to the well-being of dwellers in large cities and towns were it imposed as a civic obligation that, wherever possible, streets should be planted with trees, and their maintenance provided for; and, further, that, in the laying out of new streets, a suitable space be set apart for the growth of trees. The question of cost of so beautifying the streets is insignificant as compared with the benefits gained. Trees are endowed with a good deal of hardihood, as is evident in the streets of our cities. Year after year they put forth their leaves, in spite of the gnawing of horses, the ravages of insects and the mutilation of their roots and branches; their wants are simple and can be inexpensively satisfied.

Even from a financial point of view, the systematic planting and care of trees in city streets would prove a paying investment. Newcomers are not attracted to a city by garish, shadeless streets any more than they are by dirty or poorly paved streets, unsanitary conditions, or any other form of slovenly civic housekeeping.

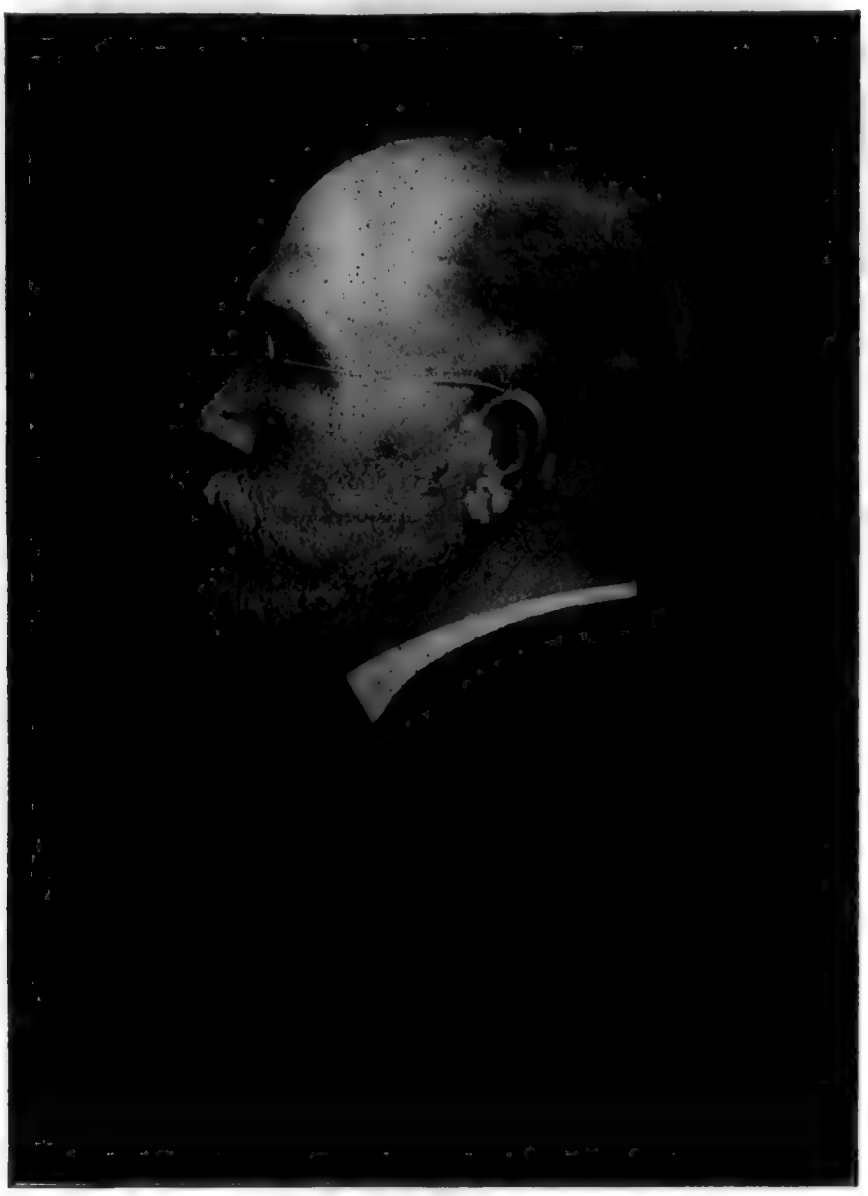
Within the past few years various methods have been employed to induce street planting. Societies and clubs, by example and advice, have done much good. In a few cities the work has been placed in charge of the government. Nowhere, however, has the importance of the subject been thoroughly grasped, except, probably, in the city of Washington, where a systematic plan of street planting was adopted about thirty years ago, and the result for good is very apparent today.

It is quite evident that a work of this kind should not be left, in its execution, to the fancy of the individual resident. The average citizen usually is entirely ignorant of tree planting culture, or the kinds of trees that should be used, the result in a street planted by individual effort being, as Professor Waugh, of Amherst College, aptly puts it "like two rows of odd buttons down the front of a frock coat."

The requirements for properly planting a street, are, the furnishing of proper conditions in soil and location for growth, harmony in effect and the providing of means for doing the work and for subsequent care. These requirements could be most efficiently controlled by the central government, aided by competent executive officers.

Planting School Grounds.

It is pleasing to note that an interest is developing in the planting of schoolhouse grounds. In the town of Brookline, Mass., beautiful effects have been produced by the planting of masses of shrubbery against the boundary fences of the school yards, and at the fronts of the buildings, the open spaces being turfed. Trees have also been planted to shade the sidewalks, and creepers planted against the walls of the school buildings. Due regard has been paid, also, to space for playground requirements. The city of Boston, also, during the past season, planted trees and shrubbery in the grounds of seven of its new schools.



John A. Pettigrew.

This is a step in the right direction, and is a striking contrast to the uninviting exteriors of the generality of the old school buildings. Pupils of the schools so adorned cannot but be benefited by the influence of nature so attractively and constantly set before their eyes. Now that nature studies have become a part of the curriculum of almost every school, the planting of trees, shrubs and flowers in the school grounds gives material close at hand for practical demonstrations, and for identification and botanical study; but, pre-eminently, calling in the aid of horticulture makes the schoolhouse and grounds homelike and attractive, awakening in the children an interest in nature at a time when the mind is receptive of artistic influences.

Realizing the importance of horticulture in its relation to the education of children, the Civic League of Boston, three years ago, appointed a committee to establish school gardens. The work has proved interesting and successful, the children striving to outdo each other in the care of their plots.

On Home Grounds.

Horticulture should have an important part in the home life. In England, the cultivation of flowers is almost universal among the cottagers. Little unkempt or waste land is found there around the homes of the working people. Vegetables, flowers and shrubs are planted, and the workman hurries from his daily employment to his labor of love, the garden. Houses are often embowered in roses or other climbing plants, which contribute greatly to the charming effect of English villages, often noted by travelers. It is to be regretted that such enthusiasm in the cultivation of home gardens does not obtain here. The work of improvement associations and kindred societies, however, is doing much to arouse interest in this direction, and it is to be hoped that the day is not far distant when every occupier of a house will plant and beautify the grounds. There is no home so humble but can be made more cheerful by the cultivation of a few plants. A window-box of nasturtiums, if nothing else, on the outside, has its influence for good on the dweller in the tenement. Nowhere do flowers grow so near the heart as at home, and how many men and women carry with them through life the refining influences of the flowers, which, in their youth, beautified the home garden!

Boston's Playgrounds.

A natural step following the establishment of parks in cities was the setting apart of playground areas. While playgrounds were to be found in most of the large parks, it was found that, in parks of small size, ornamental planting and ball playing did not consort well together. Large parks were few and far between. The growth of the city covered, year by year, the vacant ground hitherto available for play. It became, therefore, necessary that playgrounds should be provided for boys and young men. In the last few years this movement has been very active. Boston, outside of its larger parks, has twenty-one playgrounds in use under the control of the park department. These playgrounds range from one-half of an acre to seventy-four acres. Many of these playgrounds contain corners for children, where apparatus is provided for their use and where female teachers are in charge. In one of the playgrounds the Civic League has introduced children's gardens with great success. The gardens are on the tree border, which surrounds two sides of the playground, and are fenced off from the general playground and flying balls by high, woven, wire fencing. A low fence is on the street side. The gardens are about eight feet by three feet, and number about 200. Great interest is manifested by the children in their little plots, and large quantities of flowers and vegetables are raised, under the direction of teachers, by the little gardeners, who are proud to be able to take home substantial evidences of their skill and industry. As an instance of the success of the scheme it may be mentioned that 880 ears of sweet corn have been gathered to date, this season. This playground is in a thickly populated district which the police department maintains has been much benefited by its establishment. So far as is practicable, without interfering with their use for play, all Boston's playgrounds are ornamented with trees, and, in some cases, with shrubbery. One of Cambridge's largest playgrounds is beautifully bordered with masses of trees and shrubbery.

Thus we see that horticulture occupies an important position in city and home life. Its possibilities of larger adaptation and development are very great in its relation to the health, comfort and general well-being of the people, especially, as said before, in its application to street adornment; and no more important field of labor can be found for this society than to use its influence energetically for the provision for trees in the streets and waysides. This work is entirely within the scope of the society's aims. It is one covering the interests of humanity in general, and is well worthy of the best efforts of the society toward its accomplishment.

ROSES.

Training, Disbudding and Cultivating.

The work mostly needing attending to during the next week or two will be training, disbudding and cultivating. At this season, when the plants should be growing vigorously, there should be no delay or neglect in this work.

By keeping the shoots in proper position, syringing can be more effectively done and freer circulation of air among the leaves can be obtained, while if the shoots are left to trail on the ground they will, by reason of the exclusion of light and sunshine, be sure to make weak eyes, which will make weak, strawy wood, which, in turn, will form eyes from which nothing can be expected but blind wood.

This is especially the case with such varieties as Bride and Bridesmaid and will eventually necessitate a cutting or thinning out of such rubbish, whereas, by careful training every leaf can be preserved and made to perform its part in the encouragement of more vigorous root action, development and maturing of eyes fit to produce strong flower bearing stems.

Some varieties, such as Liberty and Kaiserin, which have a tendency to produce strong canes and a consequent smaller crop of side wood, do not require so much attention and care in this respect, while such varieties as Golden Gate and Ivory, which in their earlier stages

naturally incline to the production of heavy crops of small wood, should have a judicious thinning out as soon as the stronger canes begin to appear, thus affording a greater amount of sunlight and a freer circulation of air to strengthen the stems and develop the flower buds.

Those plants which are bearing or are in preparation for a first cut should have the laterals removed while they are in a soft state, as, if they are allowed to remain on the stem until they become hard and require a knife for their removal, they will by that time have used so much of the nutriment which ought to have been diverted to the bud that the flowers will be likely to be either small, crippled or off-color, while the stem will have lost its symmetry and gracefulness.

Varieties like Meteor and Kaiserin, which are inclined to produce their flowers in clusters of three or more, should have the smaller buds removed so that the strength of the stem may be concentrated in the remaining bud. Perle, which also has this tendency, requires more judicious handling, it being often necessary, where the plants are extra strong, to remove the crown bud and allow one of the lateral buds to develop in order to prevent a crop of bull-heads, it being sometimes even profitable to shorten the stronger canes by at least one-third when this tendency is very decided.

Beauties, by reason of their quick, succulent growth and heavy foliage, which if left uncared for in respect to training are more likely to suffer from the force of the syringe than the smaller kinds of roses, should receive particular care, for if unsupported it is very difficult to get the spray of water to touch the under sides of the leaves and that is just where the spider chooses to make his abode.

Ribes.



FEEDING.

The early planted stock is now in a condition where a judicious use of stimulant in a liquid form is of great benefit. Weak doses should, of course, be given at first, until the plants are used to it, and, while it may take more time, it will be found that several weak applications are far to be preferred to one strong one. A strong solution of any fertilizer, particularly the chemical salts, will destroy the delicate root hairs of the plant and before new ones can form the benefit that should have been derived from that application is largely lost. We must always remember that any nourishment applied to a plant must be assimilated through these minute rootlets before it can benefit the plant and, such being the case, the importance of preserving every root intact is evident.

Liquid fertilizer made from the excrement of cows or sheep I always considered of most value for feeding chrysanthemums. These may be most easily prepared by soaking in a barrel of water, putting the manure into a sack for the purpose of keeping the liquid free from lumps, which would otherwise clog up the can or hose in watering. We like to draw the liquid out of the barrel with a Kinney pump; then, while it may be very strong in the barrel, it will be well diluted after passing through the pump.

Soot water is an excellent stimulant. Soot may be scattered on the soil and watered in, or placed in a sack and soaked in water. Its effect will be noticed on the foliage in a few days, as it imparts a dark, healthy gloss to the leaves. Many of the famous exhibitors use Clay's fertilizer and ichthemic guano but they are rather too expensive for general use, though their great value has been repeatedly proven.

In chemical fertilizers, nitrate of soda is perhaps most generally used, though my own experience prompts me to recommend sulphate of ammonia in preference to it. Nitrate of potash is also quite largely used and, as this is supposed to supply both nitrogen and potash, it is of most value. Nitrate of potash gives a wonderful size and color to the foliage and stiffens the stems, but all these chemicals, unless used with discretion, tend to make the flower soft and flabby. A safe application to use on the plants, is at the rate of one ounce of chemical to four gallons of water, using it a little weaker than that for a first dose and gradually increasing in strength. The chrysanthemum is a gross feeder and will stand more feeding than any plant I know of, provided it is done at the proper time, which is when the soil is full of roots.

But a word of caution must be given. If I could give the reader an exact formula and tell him just how and when to apply it, all would be plain sailing, but this is impossible, as so many things have to be considered. If the plants are generally soft, quick grown and lacking in what I will for want of a better word call "stamina," they will not stand nearly so much feeding as harder, more solid growth. Where the stem of the plant is losing its green look, and bark is forming, with a close-jointed, firm growth all through the bed, it may be assumed that those plants will stand feeding and lots of it at this time. If the foliage is very brittle, black green in color and curling up, the plants are getting more food than they can assimilate and feeding should be very light or discontinued altogether for a time.

Personal experience is the best guide, in fact, the only guide a man can safely follow in feeding his plants. When the buds are swelling up and you find here and there through the bench a bud that looks as though it has been severed half way through the stem with a knife, it is a danger signal to stop feeding. This beheading of the bud is caused by the fact that the roots are pumping up more food than the bud can use and nature steps in and by this method cuts off some of the supply. This trouble never occurs when the later September bud is taken, but is by no means unusual when an August crown bud is used.

Plants in pots or boxes will stand much more feeding than plants in a bench because their root area is restricted and there is much less soil for the plant to feed on. Use common sense and if you err at all it is better to err on the side of underfeeding. You will then at least have the satisfaction of not having your flowers spoiled and useless.

Brian Boru.

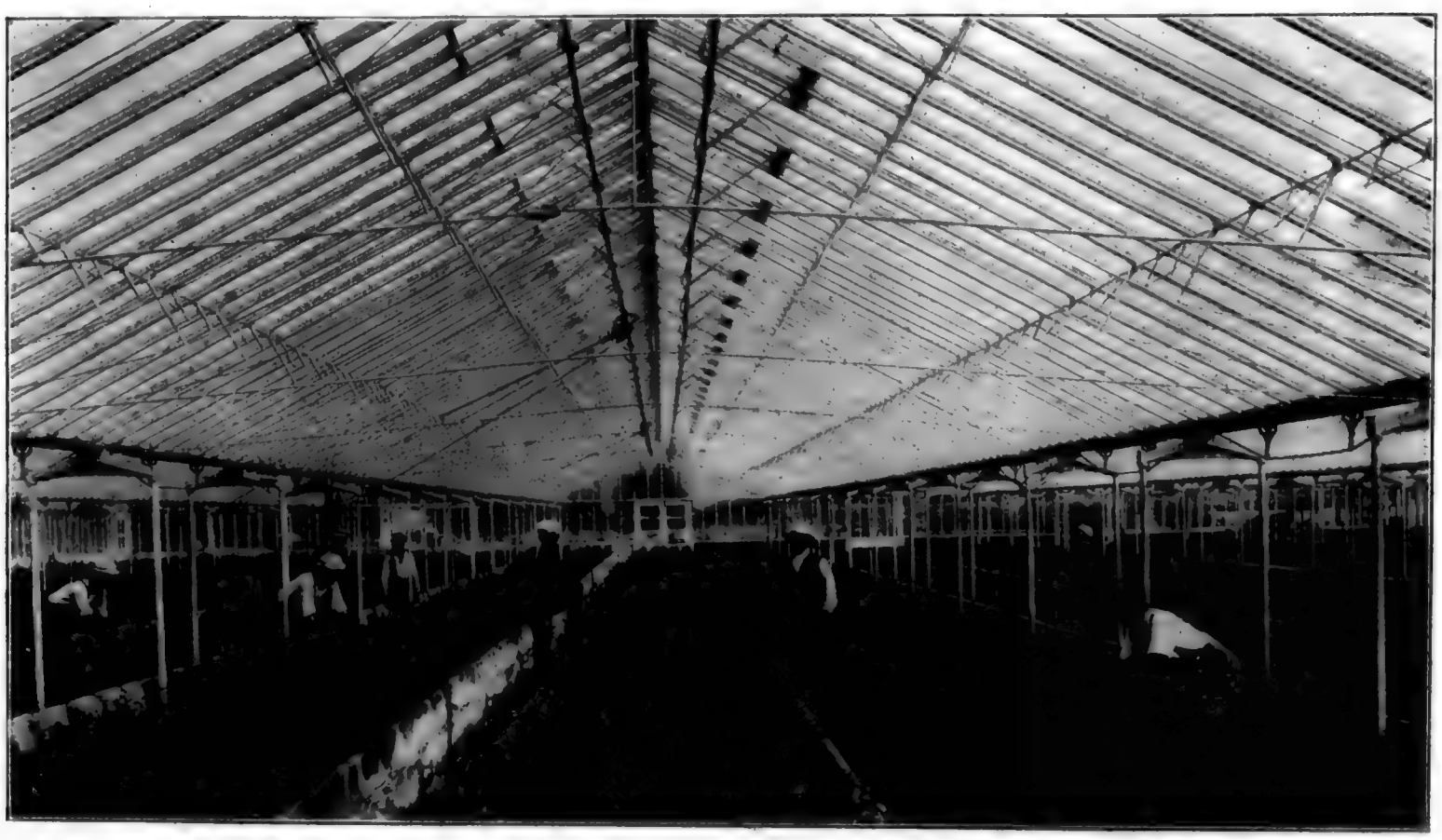
A MODERN PLANT.

The accompanying illustrations show the first block of greenhouses erected for the United States Cut Flower Company at Elmira, N. Y. This consists of 100,000 feet and is the first block of a contemplated million feet. The plans, material and heating designs are by the King Construction Co., of North Tonawanda, and include all their latest improvements in greenhouse construction, many of which will be put into use here for the first time.

The first consideration being the elimination of shadows, they have designed this structure especially with this end in view and by the substitution of truss work to support the roofs instead of the ordinary posts for purlin and ridge pole supports, they have succeeded admirably. The gutters are of iron, and iron and steel has been used entirely for



Establishment of the United States Cut Flower Co., Elmira, N. Y.



Interior of the Range of the United States Cut Flower Co., Elmira, N. Y.

the frame work, which is bound together by the use of tie rods and turn buckles. The supports are placed on cement foundations and for durability and strength are beyond question. The drainage system, which is covered by patents granted to R. W. King, is the most perfect in existence and is carefully guarded by the company. The ventilating system possesses all the latest improvements, including the patent spring connections which entirely do away with the straining and twisting due to ice or snow, the steady pull of the spring preventing the sash from warping.

The plant will be heated by steam and will embrace some of the newest features in that science. The boilers are being installed with a view to using the automatic stokers and will be fitted with the latest designs for economizing fuel.

The benches are built of cement with tile bottoms and are practically indestructible. Twelve of the houses are planted to roses, which will be made a specialty, the remainder being devoted to carnations, lilies, etc.

The company has purchased sixty-two acres of land and located here by reason of the many advantages to be derived from soil, climate and shipping facilities which are "second to none."

JAS. J. CURRAN, Supt.

THE EXPERIENCE OF SIMON.

A Business Parody.

Simon was a simple, country lad, who lived with his parents near the city of X. When Simon was sixteen his family moved to a small farm on which there was a greenhouse. This greenhouse Simon's father told his son should be his to do with as he liked. Visions of wealth floated through Simon's mind and he went to work in earnest, spending all his spare time putting the house in order, carpentering, glazing, painting until all was in readiness for soil and plants.

What to grow was now the question. Simon subscribed to the REVIEW and consulted William Scott. That week the great William was for mignonette. So lucidly and glowingly was its culture described that Simon at once decided that he would grow mignonette, and nothing but mignonette, in his new house. The soil was wheeled into the ground bed, the manure added, the seed purchased and sown and in due time the young plants appeared. Then came thinning, pinching, supporting and feeding. Simon must have had ability, for the first crop in his little house was as pretty a sight as one could wish to see. There were between 500 and 600 great spikes of bloom, all borne erect on straight, long stems and not a poor flower among them.

Simon again consulted the REVIEW. The price given in X for mignonette was, ordinary, $1 to $2 per hundred; fancy, $3 per hundred.

"Mine are fancies, and I shall have $15 this week, when my first crop is harvested," Simon thought.

That night at supper Simon asked his father who would be the best florist to see about his mignonettes.

"You might try Freddie Cattleya," his father said, "they say he's struck a mine."

Simon did not know what a florist had to do with a mine, but he called on Mr. Cattleya after school next day.

Mr. Cattleya's shop seemed to Simon the most beautiful place he had ever seen. It was dusk when he reached there. The electric lights were reflected and multiplied by the long mirrors on every side, making the fine flowers that stood in jars everywhere look most inviting. Simon was unhappily conscious of dust on his shoes and looked about for Mr. Cattleya. Everyone seemed to be in a rush, making bouquets, filling or taking out orders, and no one appeared to pay any attention to Simon. He was just thinking he had better come another time when an attractive young man came toward him quickly with, "Well, my lad, do you want me?" Simon mustered up courage and told Mr. Cattleya, for it was he, about his 500 mignonette.

"Bring me a bunch tomorrow morning early; mind it be early," and with a pink in his buttonhole Simon found himself in the street so happy he scarce knew how.

He was up at 5 o'clock the next morning, picked his bunch of twenty-five mignonette and by 7 was at Mr. Cattleya's shop. It was very quiet now. Simon was directed to a back room where Mr. Cattleya was giving orders to several men. As soon as he saw Simon he greeted him kindly and Simon produced his mignonette. Mr. Cattleya asked the price.

Simon said it was 3 cents.

"It would be worth 3 cents," Mr. Cattleya said, "if the heads were all similar. This one is perfect, but this one, and this one, have a little more green than white and the bronze is irregular, a serious defect." "Is not that true, Peter?" "Yes, Mr. Cattleya."

Simon was dumbfounded; he thought his mignonette was perfect and now he saw his mistake. Simon was about to roll up his mignonette and depart when the pleasant-looking young man who had been addressed as Peter offered him a bright half-dollar, saying, "Mr. Cattleya will give you 2 cents for the bunch."

Simon clutched the half-dollar and ran out precipitately. He reached school in time, but he was floored in every recitation. "His mignonette was not even; the coloring was irregular; it was 'ordinary.'" His pride was hurt. That was the worst of it. The fact that his hoped for $15 would become only $10 was of secondary importance.

At supper that night a friend of his father's was telling of some flowers he had bought that day. "I wanted a fancy article and Freddie Cattleya showed me a find, the best mignonette I ever saw. Could only let me have a dozen; they came pretty steep, too."

"Was it your mignonette, Simon?" his father asked.

"No, mine is only 'ordinary.'"

His food choked him and he went out. But, being a brave lad, he determined to have one more try. He knew a big store in X where he would take his mignonette.

The next morning Simon cut another bunch, getting every flower with the green and white even and bronze in proper proportion. Perhaps Mr. Cattleya was wrong; he would see.

Simon went to a great store on the fashionable street of X. A magnificent show window occupied the entire front. Underneath was the name, "Rambler Sisters, Florists." It was an old firm, the founders having retired some time since. On learning his business the colored boy at the door told Simon to go to the back entrance. He found a young Mr. Rambler, a relative of the founders, who received him kindly.

"Your mignonette is fine," he said. "How much?"

Simon said it was worth 3 cents.

"We are not paying over 2 cents," Mr. Rambler said. "Can you give us some at that price?"

Simon told him he would see, and went out.

On the street a fakir offered him a quarter for his bunch, which he had forgotten to wrap. Simon humbly accepted the quarter. Mr. Cattleya was right, his mignonette was "ordinary."

Simon slept badly that night. He was up in the morning to air and water his beloved mignonette. Just as he finished a telegraph boy came into the greenhouse. Simon had never received a telegram in his life. He tore it open. It read as follows:

"Send fifty mignonettes daily.—Rambler Sisters."

Hardly had Simon read the slip when a large, four-horse van drove up. It was most striking in appearance. Across the side in golden scrip was "Francis Frederick Cattleya, Florist. Simple flowers tastefully grouped."

A bright-looking boy in gray livery, with "Cattleya" on his cap, jumped down from beside the driver and presented Simon with a letter. It was addressed to Mr. Simon Mardner and read as follows:

"Dear Sir:—Give bearer 250 mignonette. Reserve the balance until next week. Yours truly, F. F. Cattleya."

Simon was puzzled and stood staring first at one boy and then at the other for a full minute. Then a resolute look came into his face as he pulled out his knife and turned to his beloved mignonette.

But, putting his knife back into his pocket, Simon dismissed both boys, one bearing a telegram declining with regret, the other a letter to the same effect.

That afternoon Simon promised all his mignonette to a wholesale house in X.

Here are the slips for the week, added:

550 mignonette	$33.00
Com.	4.95
Check inclosed	$28.05

"Mine were fancy," thought Simon.

PHIL.

CARNATIONS

CARNATION NOTES.—WEST.

Light, Air and Water.

After the plants have been in the house five or six weeks and they have taken a good hold of the soil, you should do all you can to induce them to make a strong, sturdy growth. For at least two months yet we will have at our disposal an abundance of the three elements which the carnation enjoys above all else. These three are sunshine, fresh air and water. The three go hand in hand. To deprive the carnation plants of either will mean failure, which is only aggravated if the other two be increased. Where one of the three is lacking the remaining two must be curtailed in proportion, but when all three are at hand in abundance it is difficult to overdo either one.

The one over which we have the least control and the one that gives us the most trouble is the sunshine. We can, most of the time, control ventilation and we can always control the supply of water. So the growers' task is simply to regulate the supply of water and ventilation according to the amount of sunshine which is to be had. While the days are warm and bright there is no danger of too much ventilation and the danger of overwatering is slight, after the plants get into a vigorous growth.

There should be no shade whatever on the glass, else the growth will come soft, which is a condition always to be avoided. When you water do it copiously and then let the soil get into proper condition before watering again. By stirring the surface occasionally you can prevent the soil from souring until the roots work through it, after which time the danger of souring is lessened. Keep the ventilators up as high at night as you dare leave them.

Don't be in a hurry about the supports unless the plants begin to lay over, which should not be the case this early. You will need to work between the plants a good deal yet, stirring the soil, pulling weeds and cleaning the plants. This can not be done as handily after the supports are put in place as before.

A. F. J. BAUR.

CARNATION NOTES.—EAST.

Seasonable Work.

The check received by the plants in transplanting from field to house will show its effect soon after growth is resumed. Buds form before the shoots have reached a desirable length and, if allowed to develop, will only result in imperfect flowers. This is more marked in varieties impatient of disturbance at the root, notably Lawson.

It is obvious that to let these buds develop is not only a waste of energy and more or less a drain on the resources of the plant, but has a direct influence on the time of flowering later in the season. Allow the buds to attain fair size and then cut back as in the field, but do not remove all from a plant at one time. Go over the beds once or twice weekly, taking off, at the most, two of the largest buds from a plant, making a clean cut with a sharp knife. This topping at intervals reduces the liability of check from removal of too much foliage at once, and is a help in preserving the continuous blooming property.

Some varieties experience little check in lifting, start off vigorously and produce a fair stem at the outset. These may be allowed to flower as the market may seem to warrant, although the low price generally obtained is apt to lead one to the opinion that disbudding thus early is time thrown away, when in fact for several reasons this operation should be carried on at all times. But this subject will be taken up in later notes.

Each grower must learn the needs of his market, observe his plants closely and decide for himself what varieties give promise of substantial returns and are likely to meet the demand. Queen Louise for white and Nelson for pink are two good sorts, naturally early and continuous bloomers also furnishing a very good stem at the beginning of the season. As a rule these two colors will supply what can be called the demand.

From last year's experience with Enchantress, I am satisfied early blooms from this variety should not be attempted. A large proportion of the first buds came bull-headed, developing into flowers of no value.

Every care possible should now be given stock to maintain vigorous growth. The days are quite long yet, but rapidly growing shorter and the tendency in all plant life is now toward rest. Every particle of growth we can obtain naturally, that is, before the heat is turned on, adds to the strength of the plant. To this end break up the surface of the bench soil frequently and remove all weeds and other objectionable matter.

As a discouragement to lurking germs of fungous diseases, an application of grape dust is advisable. Choose a bright day and apply when the sun is the hottest. Keep the air in the houses on the move by giving abundant ventilation and attend closely to the watering.

GEO. S. OSBORN.

TOBACCO STEMS.

We can buy tobacco stems very cheap, getting a load of 600 or 700 pounds for 25 cents. We have lots more than we can use for fumigating and would like to know the best and most profitable way of using them. Would it be best to pile them up and rot them for fertilizer or to burn them and save the ashes and use them on carnations and Mums?

P. & P.

I have been unable to secure any definite information regarding the value of tobacco as a fertilizer as compared with animal manure. Growers generally concede that tobacco has some fertilizing qualities, but just how much they do not seem to know. The Bureau of Plant Industry, U. S. Department of Agriculture, gives as its opinion that tobacco stems should have about one-half the fertilizing qualities of stable manure. The ashes from tobacco, they think, ought to



Plant of the United States Cut Flower Co., Elmira, N. Y.

be as good as wood ashes. If you can get plenty of manure it would seem unprofitable to use the stems in the stead of manure, but it might pay you to burn them and use the ashes instead of wood ashes. I doubt, however, whether that would really pay you, as wood ashes are not expensive unless you have to ship them. It would take considerable time and work to burn enough stems to make a barrel of ashes and it would likely cost you more than wood ashes would cost. If I were in your place I would be disinclined to bother with the stems, except what I wanted for fumigating, etc.

A. F. J. BAUR.

TEMPERATURES.

I have Portia, Ine, Hill, White Cloud, Hoosier Maid, Scott, Lawson, Marquis and Eldorado all in one house. One end will be cooler than the other. How shall I plant them the best? J. L.

I would begin at the warm end and plant the varieties in rotation as they are named: Mrs. Lawson, Flora Hill, Scott, Eldorado, Portia, Ine, Hoosier Maid, The Marquis, White Cloud. I suppose you have two or three benches in your house, and you will have to arrange the varieties accordingly. This will not be difficult when you know which varieties to plant at the warmer end, etc.

A. F. J. BAUR.

THE POINSETTIA.

[The following is the essay by W. F. Rowles, which won first prize in a competition conducted by the Hull Horticultural Association. The culture is British, but the principles are the same the world over.]

The poinsettia is particularly valued on account of the warmth and brilliancy of its bracts, and more especially because of the period over which its beauty extends, a period when any flower possessing rich color in so marked a degree is a boon to the gardener. It goes without saying that good bracts of this plant are not obtained without bringing to bear on the subject untiring care and intelligence. However well versed in the principles of culture the grower may be, he will never reach the truest success in the growth of this or any other plant, without acting up to the fullness of his knowledge and avoiding neglect.

But let us to the question of ways and means. Unlike many other subjects, the poinsettia does not require a very long period of annual growth; in fact it is possible to root the cuttings and see the expansion of the bracts within the space of three calendar months. This, however, is not the usual method. Probably the best time for inserting the cuttings, (which is the orthodox method of propagation) is early in June, thus allowing six months before the bracts show color in December. The cuttings should whenever possible be detached from the old plant with a heel; not that they derive any special facility for rooting therefrom, but mainly that the older portion being harder diminishes the excessive exudation of sap, and thus prevents the cuttings flagging to such an alarming extent as they often do when taken off heelless.

Immediately on detaching them thrust the cuttings into a bucket of cold water which will greatly stop the bleeding. No time should then be lost in having them inserted in "thimble" pots, filled with a mixture of equal parts loam, leaf soil, cocoanut fibre refuse and sand. Make firm, and without delay plunge in fibre refuse in a propagating case. Water well, keep a close atmosphere, damp daily overhead (leaving the case open for an hour afterwards) and shade from direct sunshine until they root.

From that time the air admitted to the case should daily be gradually increased, and the period of shading proportionately decreased. With about a week of this treatment they should be ready to quit the case altogether. But at this time more than at any other is the grower's vigilance most necessary; for he must recognize the fact that as in the ethical and moral so in the horticultural world there is but a thin and almost imperceptible line dividing right from wrong, and at no period of their early existence are the young plants in so close proximity to that none too imaginary line as at the time of which I am now treating. Once a poinsettia is allowed to flag, whether through lack of water, cold draughts, or fierce sunshine, its constitution, and especially the faculty of retaining its foliage is considerably and conspicuously impaired; and here on the threshold of the subject I might remark that the true criterion of correct culture in this plant is the retention of the foliage in a healthy condition right down to the pot. If this condition exists, nothing but an unusual absence of sunshine to ripen the wood, will adversely affect the expansion of desirable bracts.

As soon as the plants have accustomed themselves to the change consequent on removal from the propagating case to a more open atmosphere, they will in all probability require a shift; which event should not be delayed, for they quickly become dry in such small pots. The size should not be less than three inches in diameter, and the compost may consist of loam, leaf soil, peat, sand and charcoal. Let them remain in the same temperature for a few days to recover from the inevitable check of potting, and above all things water carefully, endeavoring to keep the soil always in that happy state which lies midway between extremes of dust dry and complete saturation.

Syringing overhead may be performed twice daily, using water of about the same temperature as the house. A maximum night temperature of 50 to 55 degrees will then be sufficient for them for a few weeks, after which they may be transferred to a cold frame and potted as soon as necessary in 5 or 6-inch pots, using four parts fibrous loam, one part leaf soil, one part peat, some dried cow manure broken up, mortar rubble, and charcoal. Firm potting is advisable, but the use of a ramming stick is wholly unnecessary.

Shading should be employed as little as possible, and only immediately the plants have been repotted or are shifted to cooler quarters, when the tendency to flag would only be heightened by fierce sunshine. The aim should be to keep the stock as cool and airy as possible, and thus build up a robust constitution. As they outgrow the limits of height allowed them in a frame, it will be necessary to remove them to a cool structure where an abundance of air can be allowed.

This feature is equally as important as the watering, for in a closed house on which the sun strikes strongly, and where the plants are far from the glass, they must according to all the canons of horticultural science inevitably become drawn, and all who are in the smallest



Service Buildings of the United States Cut Flower Co., Elmira, N. Y.

way acquainted with the habit of the plant must know that it requires no artificial stimulus to extend the distance between the bracts and the pot, but rather a decided effort in the other direction is needed to restrict its aspirations. In view of this I advise that not more than six inches of space be left between the top of the plants and the glass, temporary methods of raising them to that height being employed, and as they approach the glass let the stage be lowered.

Syringing overhead may be continued twice a day, omitting this on wet and sunless days. A stimulant will be needed when the final pots are well filled with roots. This may take the form of liquid cow or sheep manure or soot water, bestowing also on each plant once a fortnight or three weeks a pinch of some approved fertilizer. Do not use the artificial too liberally, for although it may be an excellent preparation it is possible to overstep the bounds of prudence by marked generosity, which in its effect on the future of the plant is more destructive than studied parsimony.

When the plants betray unmistakable signs of forming their bracts, the heat of the house should be raised to a minimum of 60 degrees by night, with less air afforded. The syringe also should henceforth be laid aside. Feeding should be discontinued when the color of the bract is plainly visible, its employment after that time being wasteful.

Plenty of sunshine is now more than at any other time necessary, and without fear of contradiction I can vouch for the fact that if two sets of plants are grown, the one in a light structure and the other in a house whose roof presents a large surface of wood, given an equality in stock, food and attention, the batch in the house receiving the most light will be much superior to the other.

Reference has already been made as to the height of the plant, and it is no exaggeration to say that even under good culture it may be anything up to six feet, but as this is a height which necessarily detracts from its utility, ways and means have been found by gardeners (who possess a remarkable aptitude for using the forces of nature for the realization of their wishes) whereby this great height may be lessened. Briefly, it is thus—when the bract has about half-expanded a cut is made half-way through the stem at a distance of one foot from the bract and immediately below a leaf joint. Some cold water is dashed against the opening to check the outpour of sap, and the plant is left thus for a week or ten days, by which time it will have callused over, and the piece may be completely severed, inserted in a 3-inch pot, and rooted in the ordinary way by keeping a close atmosphere, etc. Thus is the height reduced without materially affecting the size and splendor of the head.

When the heads have been cut off, gradually withhold water from the old plants until all the leaves have dropped off, when the stock may be put under a stage in a temperature of not more than 50 degrees, and kept dry until propagating times arrives.

Now for a word on artificial selection, which is an important phase of up-to-date horticulture, and perhaps of greater benefit to the practical gardener than hybridization. The desiderata in poinsettias are short, sturdy growth, large expansive heads, and numerous wide and highly-colored bracts, by which latter term I mean here the colored leaves. Little scrutiny will be needed to discover plants abounding in these good qualities, and having been marked, it will become the grower to select his cuttings as far as possible from these ear-marked plants, so that a distinct improvement will be observed in a few generations.

Mealy bug, red spider, and scale are the plant's most dangerous enemies, but they are not difficult to combat.

BEGINNINGS IN DESIGN...

VASE ARRANGEMENTS.

Floral Designing.

It may be well to remind ourselves again as to what is included in the term floral designing. Commonly, a floral design means an arrangement on a wire frame, but properly it means the plan with which one or more flowers are used. Unless otherwise designated, the latter should always be the construction put upon the term. It includes the study of both form and color in their broadest sense and application.

In planning a decoration for a room or an elaborate piece, one should always see the finished work in his mind's eye before he begins, but in a simple vase arrangement it is better to give the flowers a chance to arrange themselves. How to give them this chance takes a little care and forethought.

The Receptacle.

In the first place, the choice of a receptacle should be considered. Allow the character of the flower to be used to decide this question. If it comes to a choice between a rose bowl, a slender glass vase, or an odd piece of pottery, a few glances at the flowers themselves ought to determine the best receptacle. In the case of the dahlia bouquet herewith illustrated, one can see that the habits of growth are about like this: Very tall, slender stems, comparatively straight, topped by a short curve, where the flower appears; flowers not very sprangly nor abundant.



An Arrangement of Dahlias.

Assemble the Flowers.

Let us aim to make the finished bouquet, including the vase and flowers, resemble in a general way the plan of the flower stalk. Therefore, we will select the tall, slender, straight vase, not a great quantity of flowers, plenty of foliage and buds. Gather them loosely in your hand at first and set them all together in the vase. They should be set in loosely enough to have some play and they will arrange themselves. Some will nod, some will face forward, some backward, a few will droop, two or three will group themselves together, while another one will appear a little offish with



An Example of the Dinner Decorations of Hugh Graham, of Philadelphia.

its own buds. Have all sides interesting, not "made up."

It is not wise to construct a bouquet of flowers in a vase one by one. Leave every flower to its own natural bent. Let the foliage reverse itself when it will. You will often find a little lesson in coloring on the under side of the leaf, and you can even read the coloring of the flower and find suggestive combinations for it by the coloring of the under side of the foliage. This is beautifully illustrated in cinerarias.

Coloring and Form.

The coloring in this cluster is rich, reddish brown, with pale straw color and creamy white, with the red predominating. Other good dahlia combinations are dark crimson purple with crimson pink, but no white, bronze and white, rose pink and white.

Not only is it well to choose a receptacle the lines of which are similar to the lines of the flower stalk, but the flowers when set in the vase should so coincide with the outline of the vase that their lines grow together. Authority for this is found in the similarity of form between the flower, or its petals, and the leaves or leaflets belonging to the same plant. In this case one can easily trace the resemblance between the outline of the obtusely pointed petals and the leaves, which may be similarly described. In fact botanists claim that the flower, not the floral organs proper, but the floral envelope, is but a modified leaf. So if we want to get at the real design in any flowers which we propose to use, we can best develop this plan of design by choosing the receptacle whose outline and form conform most closely to the combination of lines which is found in the flower. Gertrude Blair.

TUBEROUS BEGONIAS.

What beautiful things tuberous begonias are when they are successfully grown for bedding purposes, and in masses, wherever they will be in harmony with surroundings!

In all large grounds there are positions that are perfectly proper for displaying the numerous showy summer flowering plants and in our experience the tuberous begonias are exceedingly useful for this purpose. They afford an opportunity to depart a little from the stereotyped ornamental bedding displays we so often see.

The tuberous begonias have been so much improved from the original types during the past twenty years by hybridization, crossing and selection that they have even astonished the plant breeders themselves, in the results they have accomplished in the improvement of these plants.

They are free from stiffness in their habit and character, the foliage is ample and handsome and the flowers range from white through numerous shades of yellow, pink and red, to deep maroon. Last summer many of the blossoms with us were six to seven inches in diameter. For brilliancy of color there is nothing comparable to tuberous begonias and all classes of people are enthusiastic in admiration of them.

We grow them in mixed colors and we think that the effect is just as good as when grown in separate color combinations. How we treat or grow them may be of interest to some. We pot the bulbs at the end of March or first of April and plunge the pots in hotbeds. They are planted out the end of May or first of June, in beds of light sandy loam, liberally enriched with rotted cow-manure, and preferably in a position shaded from the noon-day sun, although they do very well with us in the full sun. Careful and strict attention must be given to abundance of water. If the weather is dry, no mistake will be made by placing the hose spray on them every other afternoon. The tubers should be lifted at the approach of frost, dried and stored in a dry, cool temperature, through the winter months, not below 45 degrees.—John Dunbar in bulletin of New England Park Superintendents.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

M. Aymard, of Montpellier, France, has made experiments in the etherization of plants for forcing which amply confirm what has been already stated as to the value of this process. Growers for market will do well to make preparations in view of the demand for forced flowers in winter and early spring.

Whilst teas and hybrid teas are supplanting hybrid perpetuals, new blood has been introduced by Lord Penzance's briars and their derivatives, and by the crosses with Wichuraiana. The resources at the disposal of the rosarian are vast and varied. Not the least service that the Rose Society can render is to encourage their development.

One branch of experimental work which up to the present time has scarcely received the attention it deserves, is that concerned with the use of insecticides, fungicides, and weed destroyers, together with the appliances best suited for the purpose of distributing the various substances economically and effectually. A few attempts have been made at systematic comparative trials, but these have only been sufficient to prove how much remains to be done, or to demonstrate the benefit which would result from pursuing the work still further.

Columbus, O.—The Fifth Avenue Floral Company has brought suit against Dr. A. A. Thomas to collect a bill of $84.81 for flowers and plants.

CEREUS GRANDIFLORUS.

The accompanying illustration is a reproduction of a photograph from T. Grossenbach, of the Stertzing floral establishment at Maplewood, Mo. It shows two well developed flowers of the night blooming cereus, C. grandiflorus. The plant is several years old and this year produced seven flowers each measuring from seven to eight inches across.

Vegetable Forcing.

P. O'Mara, in a discussion on pollination at the St. Louis convention of the S. A. F., spoke of the method employed by a tomato grower of his acquaintance to secure an early crop indoors. He is in the habit of preserving the last flowers produced on outdoor vines, tying up the branches in paper bags, and using the pollen to fertilize the first flowers produced under glass, which are themselves deficient in pollen. Mr. O'Mara said the pollen keeps six weeks or two months with the bags hung in a dry place.

LETTUCE UNDER GLASS.

Please give me a little information about lettuce under glass. What time should the seed be sown to get the crop off by January 1 to 15? Will four inches of soil do? Will the soil that has been prepared for carnations produce a good crop? What variety of lettuce is the best for market? Does lettuce require as much or more water than carnations?

E. C. L.

If seeds are sown at the end of September or first of October they ought, under favorable conditions, to be ready for the time specified, about three months being required at that season from time of sowing until the crop is at its best. We have had lettuce mature in ten weeks from time of sowing but that was during the spring months, when the days were getting longer and brighter as the crop matured, but at the season you intend to grow this crop the opposite conditions prevail; hence the crop will require rather more time to attain the mature stage.

Lettuce can be grown in four inches of soil but this is rather too shallow, as the soil is apt to dry out too fast, making it hard to maintain an even moisture at the roots. They are far easier grown in solid beds than in raised benches, because, in the first place, they do better where the soil is a few degrees cooler than the overhead temperature, and, in the second place, there is much less danger of extremes in the moisture of the soil, making the plants more susceptible to the attacks of the several fungous diseases to which they are often an easy prey, even under the most favorable conditions and with the best of care.

I have grown good lettuce in benches by placing about two inches of thoroughly rotted manure in the bottom of the bench and filling up over this with about three inches of soil. The manure, acting as a moisture conserving element, eliminated the danger of fluctuation and enabled us to maintain a more even moisture in the soil with less frequent applications of water than where soil alone was used.

I don't know what your carnation soil consists of, but as a rule the compost used for carnations is made rather richer than is really needed for lettuce. In these a good deal of damping is often caused by having too much manure in the soil. If your soil is a free, friable loam of good quality, little or no manure would be required if the bench is filled with manure in the bottom as recommended above. If light, of course, a little would be needed and if stiff and heavy it could be lightened by some good old manure from the horse stables. A free, sandy loam is the best suited for lettuce grown indoors. Such a loam requires to be moderately enriched. For this purpose there is nothing better than moderately decomposed barnyard manure. I have never had satisfactory results from the use of chemical fertilizers.

Regarding variety, head lettuce is invariably preferred. Of this the best we have tried is a variety known as Glass House. It is of the Boston Market type and probably a selection from this old variety. Some still prefer the old Boston Market but Glass House embodies all its good qualities and is less susceptible to disease. If a head lettuce is not essential, Grand Rapids is the easiest grower and produces more weight per foot of bench than any variety I know.

Generally speaking, lettuce does not require so much water as carnations, but it must be even more judiciously applied, their softer nature rendering them more susceptible to injury through excessive dryness or inactivity of the roots should the soil be overcharged with water. Sub-irrigation has been found beneficial, but good lettuce can be grown by watering in the old way if judicious care is exercised in its application.

The regulation of the atmospheric moisture is one of the most important points in the cultivation of lettuce under glass. Growing, as they do, at a right temperature of from 40 to 45 degrees, so little artificial heat is required that there is little danger of the atmosphere being too dry unless during very bright weather. The trouble, especially during the dull winter days, is to get the atmosphere dry enough to prevent condensation settling on the foliage during the night when the house is closed. This condensation is one of the principal agencies in the development of fungus diseases. As a preventive against this watering should be done in the morning and, if possible, on bright days only, when sufficient air can be admitted to dry up the moisture before time to close the house down. W. S. Croydon.



Cereus Grandiflorus.

TOMATOES.

About August 20 we begin sowing seed for our first lot of tomatoes. This brings the ripe fruit in at the holidays, which is about as soon as many care to pay the price for greenhouse tomatoes. In private gardens, where a continuous supply is often called for, seed requires to be sown earlier than this, but with the commercial grower the idea of a continuous supply does not count; the point is to strike the market when the best price is likely to be obtained.

Regarding varieties, I think it is a good plan to try some of the new ones every year or two, as they come out. Go somewhat slowly at first, until you are satisfied that you have something worth growing. Do not consign some of the good old varieties to back-numberhood simply because you have something with a big name. Though it has succeeded with others, it may not succeed so well with you. Tomatoes are not like roses, carnations, etc., which are liable to deteriorate in the course of a few years. The tomato, being taken from seed, is practically a new plant every year. The others being propagated from cuttings, are but parts of an old plant which, being subjected to the weakening influence of culture under artificial conditions year after year, lose both in strength and vigor. When



Canadian Horticultural Association at C. Scrim's Place, Ottawa, Ont., August 11, 1904.

a plant is taken from a well matured seed there is much less chance of any defects in the parent being present in the offspring, hence less danger of deterioration. Still, this does not lessen the desire for new varieties, and any variety better adapted for forcing than those already existing is always welcome.

The English varieties seem to be more adapted for forcing than our American kinds, probably from the fact that they are grown there entirely indoors and have been so grown so long that the most essential qualities have been brought to a higher state of perfection. To this class belong Sutton's Best of All and Sterling Castle, both varieties that are now pretty generally grown here. Some of the later introductions from this source are Frogmore Scarlet, Frogmore Selected and Eclipse, all proven to be varieties worth trying.

It is surprising how the different varieties behave in different places. We often find a variety doing well here and at some place no great distance away it is far from satisfactory. It is hard to tell, sometimes, what the cause of it is but probably the character of the soil has much to do with it. It is well, however, to try the newer varieties as by this means you are apt to run across something that may show a special adaptability to your particular conditions.

W. S. Croydon.

NOTES ON CANADIAN MEETING.

Ottawa has long been known as the capital of Britain's premier colony and as such is the home of His Majesty's representative and the houses of parliament. To the Canadian florists who attended the seventh annual convention of the C. H. A., held there August 9 and 10, it will be remembered as one of the prettiest and cleanest cities of the Dominion and a place of great hospitality. The attendance from outside points was good, especially the Toronto and Montreal deputations making a good showing. The convention was a success in point of interest and general information given by the several papers read and discussions. Exhibits of plants and supplies were large and of excellent quality.

In replying to the address of welcome Mr. McKenna said that the landscape gardeners and growers of cut flowers have a common interest in the promotion of love of flowers. The more flowers we produce the more people will love them; the better flowers we produce the better they will love them. The improvement so noticeable in the last twenty years has been largely owing to organizations such as this.

The president's address was discussed at some length and among the different subjects taken up was changing the tariff. A committee was appointed to bring in a report and when the report was submitted some strong political speeches were delivered, especially by J. Campbell, Simcoe, who championed the protectionists' cause, and Thos. Manton, who stood for the out and out free traders. The committee's report was adopted advocating that azaleas, rhododendrons and pot-grown lilacs be put on the free list, with a duty of 25 per cent on palms and all other plants and cut flowers, also gladiolus and dahlia roots. The secretary was instructed to forward a copy of this recommendation to the minister of customs.

Wm. Gammage's statement that Begonia Gloire de Lorraine is a leader for Christmas was taken exception to by many as it has given so much dissatisfaction to customers that some think it a dangerous plant for the trade, it being felt that if a customer buys a nice plant and pays a big price for it and the flowers drop off next day it might have a tendency to discourage that customer from buying any other kind of a flowering plant.

A good paper by A. C. Wilshire, of Montreal, on "The Florists' Trade from a Retailer's Standpoint" was heartily enjoyed. Mr. Wilshire stated that he uses no wire at all in any of his cut flower work, that is, in supporting the stems. He prefers to put the stems right into the moss. He said that he believes that it detracts from the beauty of set pieces for wires or other supports to be used. This was objected to by a number, who claimed that it adds considerably to the durability of the design to have the flowers supported and thus kept from drooping.

A paper that brought out considerable comment and merriment was by O. G. Johnston, Kingston, entitled "The Best Size of House for the Ordinary Florist to Build." Mr. Johnston said to answer that question he would have to ask several, first, how ordinary the florist was? He thought the size and style of the house did not matter as much as the caliber of the man running it.

A lecture by Prof. W. T. Macoun, horticulturist at the Central Experimental Farm, Ottawa, on hardy perennials suitable for florists and illustrated by over 300 varieties was very interesting from the fact that hardy perennials are yearly coming into more prominence both for borders and cut flowers.

"Modern Iron Greenhouses vs. Old Wooden Houses," was the title of the paper given by Mr. King, of the King Construction Co. Discussion brought out some interesting points as to the length of time that iron greenhouses will last and the life of wooden greenhouses, also the best kind of paint used in painting iron greenhouses. It was plain from the trend of the discussion that to return to the wooden construction would be a very backward movement. On Thursday a visit was made to R. H. Wright's greenhouses. Here we saw a modern house under construction with stone side walls and ends with King's iron construction truss roof. This promises to be a very fine range. Mr. Wright uses nothing but sawdust for fuel and many of the visitors were interested in his boilers. He says that it is cheaper than coal as he gets sawdust for carting it away.

D. J.

BE EXPLICIT.

The Review is very glad to answer the inquiries of its readers, but often it is impossible to afford much light on the questioner's difficulties because of insufficient details in the query. Where conditions of soil, moisture, temperature and other important matters are not stated it is often not possible to say what is wrong; the best we can do is to say what *may* be the trouble. Tell us the whole story; then we are pretty sure to find a reader who has experienced the same thing and discovered a way out of the difficulty. And in queries with regard to heating, don't be afraid to go into details with regard to the character of the house or houses; how well built, age, exposures, etc. These are only a little less necessary than the dimensions and indoor and outdoor temperatures in figuring on amount of radiation, etc., and in their absence the best that can be done is to provide for piping which will be safe under ordinary conditions.

Ionia, Mich.—The firm of Vincent Bros. has been succeeded by Delbert A. Vincent.

BOSTON.

The Market.

Grand Army week did not stimulate the market to any extent, trade being quite dull for several days, but it braced up on August 20. Roses remain at about the same prices as previously quoted. Beauties are more numerous, Worcester Conservatories sending in the largest supply. A few carnations, indoor-grown, of the new crop are appearing and sell up to $2.50 per 100. Outdoor-grown stock continues rather scarce. Asters, particularly white ones, clean out well; quality of these is not up to the mark. The only sweet peas of any value are Blanche Ferry. Gladioli continue to come of good quality. Some very nice ones are included. The price of asparagus and adiantum remains about the same.

The Exhibitions.

The lecture hall was again filled with exhibits August 13. For display of annuals in not less than fifty varieties, filling not less than 150 vases, William Thatcher, gardener to Mrs. J. L. Gardner, was the only exhibitor, putting up a good display. Robert Cameron, from the Harvard Botanic Gardens, showed an extensive lot of annuals in over 150 varieties and species. Mrs. L. Towle had a fine collection of dahlias and annuals, as had Mrs. E. M. Gill. W. Whitman, M. Sullivan, gardener, showed gladioli, asters, native ferns in twenty-five varieties, roses and some fine new delphiniums, which received honorable mention. Bay State Nurseries had a fine table of perennial phloxes. F. L. Ames estate, W. N. Craig, gardener, received a silver medal for a display of cut orchids, consisting of miltonias, cypripediums, Laelia elegans, cattleyas, odontoglossums, etc. Blue Hill Nurseries put up a magnificent collection of hardy herbaceous flowers in 100 varieties, which were finely staged and attracted much attention. They were awarded a first-class certificate of merit. Henry Wild, gardener to Mrs. A. W. Blake, exhibited a superb specimen of Eucharis Amazonica grown in a tub, carrying thirty-one spikes of flowers. It was awarded a silver medal for superior culture. Fruits were again well shown, including indoor grapes, peaches and nectarines. W. C. Winter won in the grape class with fine Black Hamburg, William McAllister being second with Muscat of Alexandria. Vegetables were very good. Fungi made a great display, the small exhibition hall being devoted to them.

The show on August 20 was smaller than usual, owing to the heavy rain, which spoiled many outside flowers. For display of not less than thirty vases of hardy phloxes, T. C. Thurlow won with a thoroughly representative collection. The only other competitor was Anthony McLaren. The date was too late for phloxes, as also for pentstemons, which are practically over, and were not shown at all. In the way of miscellaneous exhibits, R. & J. Farquhar & Co. showed asters in 100 distinct varieties or colors. Messrs. Farquhar also showed a large table of fine spikes of Lilium auratum.

J. H. White, James Wheeler, gardener, received a certificate of merit for Phlox Tapis Blanc (white carpet) a fine variety growing only nine inches in height. Mrs. E. M. Gill had a display of dahlias. Lager & Hurrell sent a nice collection of cut orchids, including Cattleya gigas, C. Dowiana and C. Eldorado, Angulo Clowesii, Oncidium Rogersii and O. crispum and spikes of their excellent strain of Laelia elegans carrying up to a dozen flowers each. These received honorable mention. F. L. Ames estate, W. N. Craig, gardener, had a table of gloxinias, including such varieties as Reading Scarlet, Her Majesty, Duchess of York and others. Fruits and vegetables were well shown and over 100 varieties of mushrooms were shown by the Boston Mycological Club. The closing weekly show of the season occurs on August 27. Asters and herbaceous plants are on the schedule.

The Independent Market.

The directors of the new Boston Co-operative Flower Market have secured premises under Music Hall sufficiently large to accommodate 170 growers and will be ready for the sale of stalls August 31. Believing that the general buying public has not been satisfied with the old location, the directors have chosen one of the most central locations in Boston, where they hope to have the cordial co-operation of all the buyers and growers. An equal amount of additional space is at disposal whenever needed. Chas. E. Dickerman is president and the other members of the board of directors are E. Wood, Norris Comley, Donald Carmichael, John McFarland, Elijah Cartright, George Ayer and Wilfrid Wheeler.

Greenhouse Building.

Lord & Burnham Co. have recently completed or are engaged on the following contracts in New England: Mrs. W. L. Mitchell, Brookline, Mass., conservatory; J. E. Rothwell, Brookline, orchid house; W. S. Spaulding, Prides Crossing, palm house and two ranges of greenhouses; E. S. Draper, Hopedale, palm house; Hollis Hunnewell, Wellesley, conservatory; E. P. Bliss, Lexington, conservatory; C. E. Mackintosh, Holyoke, conservatory; J. F. Flanagan, Newton, three greenhouses and pit; C. W. Loomis, Northampton, one house; C. A. Backer, Billerica, two greenhouses, propagating house and work room; J. B. Herreshoff, Bristol, R. I., one house; Mrs. H. Conant, Pawtucket, three greenhouses; A. E. Austin, Pawtucket, two greenhouses and work room; estate of B. B. Knight, Providence, one house; Mount Desert Nurseries, Bar Harbor, Me., one house; J. G. McCullough, North Bennington, Vt., grapery; F. S. Mackenzie, Woodstock, Vt., greenhouse; Alex. Emslie, Montpelier, Vt., rose house, one plant house and rearranging heating plant; Pine Grove Cemetery, Manchester, N. H., greenhouse; New Hampshire College, Durham, N. H., palm house and four greenhouses; John Saxe, Waterbury, Conn., one house; Miss E. V. Cockroft, Saugatuck, Conn., three houses; Miss C. A. Bliss, New Canaan, Conn., rose house; Stanley B. Fellow, Westport, Conn., one house; Miss F. M. Smith, New Hartford, Conn., conservatory; Commodore M. F. Plant, Groton, Conn., palm house and two wings; John Moore, Norwich, Conn., two houses.

The North Shore.

A visit to what is commonly called the North Shore, which comprises Prides Crossing, Beverly Farms, West Manchester, Manchester and other towns, reveals a wonderful horticultural growth during the past five years. A call at a number of the more important places showed that greenhouse building is steadily increasing, some of the estates having fine ranges of glass.

At Mrs. R. C. Hooper's everything is remarkably well kept. The houses here are quite new and stocked to repletion with well grown plants. In the orchid house cattleyas were bristling with sheathes. A batch of Oncidium varicosum Rogersii carried spikes with 150 to 200 flowers and buds each. In the carnation house Lawson is grown inside altogether and succeeds best treated thus. Lady Bountiful, The Belle, Enchantress, White Lawson and The Queen are also grown, Enchantress being the great favorite. In two divisions devoted to roses, American Beauty is chiefly grown and looked well. A house of tuberous begonias and single zonale geraniums was very attractive. Some of the best of the latter were Ian McLaren, Jacquerie, Rudyard Kipling, Gen. Sam Sloan, J. M. Barrie, Chaucer, Richmond Beauty, Gertrude Pearson and Snowdrop. A house of chrysanthemums looked first-class, as did one of English melons. Favorite sorts are Sutton's A1, Eureka and Windsor Castle. Divisions of grapes and nectarines were very good. Outdoors everything was well kept and William Swan, the head gardener, is evidently thoroughly up-to-date in every way.

At H. L. Higginson's the veteran Joseph Clark always has some interesting plants to show. A walk through his alpine garden is full of interest. Here, under conditions which evidently suit them, liliums are to be seen at their best. L. Henryi carried spikes eight feet high with thirty to forty flowers on each. L. auratum, Hansoni, Batmanniæ and others were equally good. In a greenhouse we noted fine specimens opening flower of Lagerstroemia indica and the variety alba. Hedychium Gardnerianum was also flowering freely.

James Salter has charge of the greenhouses of Philip Dexter. These are mostly lean-to. Several divisions are devoted to grapes, one to nectarines, two to melons, hybrids of Mr. Salter's raising being grown, and others to carnations and chrysanthemums.

At W. B. Thomas' are two nice ranges of houses. One is devoted to grapes, nectarines, melons and cucumbers and the other to roses, carnations, chrysanthemums, violets and antirrhinums. Quite a few orchids were also grown. M. F. Connolly has charge here and grows a fine lot of stuff, both outside and in.

Probably the most expensively built houses are those of W. S. Spaulding, at Prides Crossing. It cost a fortune to blast out the solid rock where the houses now stand. These are very substantially built. They consist of a commodious palm house forty feet high, nicely stocked with plants, including some large specimens of Nephrolepis Scottii; a rose house 117 feet long, chiefly planted with Beauties, a carnation house just being planted with all the newest and best sorts, chrysanthemum, propagating and orchid houses. Of the latter we noted that Edward Kirby, the head gardener, had some fine cattleyas, cypripediums, dendrobiums and oncidiums.

The finest pentstemons we have seen for years were at Miss A. G. Thayer's, where Mr. McGregor presides. Phloxes here, as elsewhere, were also very fine. Mr. McGregor propagates his pentstemons from cuttings in the fall, preferring



Farquhar's Christmas Lily.
(Lilium Philippense, awarded gold medal by Massachusetts Horticultural Society. See page 520, issue for August 11.)

them to seedlings. His flowers were almost as large as gloxinias, and spikes were in great demand for house decoration.

J. B. Dow, of Beverly Farms, is perhaps the best known florist in that section. He does a large business among the cottagers. One house here was devoted to Black Hamburg grape. Melons were noted in two houses, Rocky Ford being chiefly grown. Roses, carnations, violets and chrysanthemums receive some attention and a roomy house is used for growing and storing hydrangeas, of which many are loaned in summer and others boarded in winter. A fine summer trade in cut flowers is done here, annuals and perennials being largely grown. Phloxes are a special feature, as indeed they are at all the numerous North Shore estates. Time would not permit of a visit to other establishments in this increasingly popular section.

Various Notes.

Prospects are good for the coming exhibition of the Chrysanthemum Society of America in Boston. President Herrington has appointed a committee of five to assist the members of the Massachusetts Horticultural Society in caring for exhibits, with William Nicholson as chairman.

Alexander Montgomery is confined to bed with a severe attack of malaria, from which his many friends wish him a speedy recovery.

Superintendent Pettigrew, of the park system, was kept very busy the past week showing numerous park superintendents his domains. His visitors hailed from as far away as San Francisco.

Members of the Independent Co-operative Flower Market hope to be able to move into their new quarters under Music Hall early in October.

Wax Bros. have been showing a splendid lot of white gladioli and nymphæas in their windows the past week.

Hoffmann keeps a very attractive store on Massachusetts avenue. The greenhouses at Mount Auburn are also much improved since he took possession of them. W. N. Craig.

THE YOUNGEST FLORIST.

The notes published in recent issues with regard to the youngest florists owning and managing businesses have resulted in a number of communications being received on the subject and it develops that there are a large number of men in their early twenties who are conducting good sized establishments.

Attention is called to Andrew D. Austin, of Milwaukee, who is 25 years of age and owns and manages an establishment of 40,000 square feet of glass, leasing an additional 8,000 feet owned by his father. The elder Austin was a vegetable grower and the young man was brought up in the business. When he was 18 years of age he became a partner and at 21 built 13,000 feet of glass of his own. Since then he has added 27,000 feet and leased his father's place. Two years ago he started to grow carnations, sweet peas and bedding plants in a small way, and has been so successful that he has dropped vegetables entirely and the entire place will be this season devoted to carnations, sweet peas, lilies, tulips and other bulbous stock and bedding plants.

Another enterprising young man who is just starting in the business is Edward Ruch, of Richmond, Ind. He is 24 years of age. He was brought up in the business and is now building two greenhouses which will be planted to carnations for the wholesale market. He has an excellent piece of land upon which he can extend his establishment as his business grows.

Max Engelmann, of Pittsfield, Mass., has not yet become 21, but has been in the business three years. He made his start in 1901 with a house 15x85 feet, after having two years' experience in the employ of a local florist. In the spring of 1903 he was joined by his father, who had no experience in the business, and the firm has since been under the name of R. Engelmann & Son, but under the management of the latter. They now have 6,000 square feet of glass, built by their own hands. They grow roses, carnations, mums and violets and are doing a nice retail business. They made their start under adverse circumstances, the coal strike making the first winter a most difficult one, and last winter the thermometer went down to 38 degrees below zero. Pittsfield is a city of 25,000 inhabitants with eight florists.

The Ley Brothers, of Washington, D. C., sons of John H. Ley, are 22 and 23 years of age respectively. They have for some time conducted a retail store in Washington and since their father's death have taken over an establishment of about 15,000 feet of glass at Langdon, which they are devoting to Boston and Piersoni ferns, adiantums, etc., with two houses of carnations and one of roses and chrysanthemums. The establishment has been a money loser for several of Washington's leading florists, so that the young men understand that they are undertaking a large contract, but they are doing all the work themselves and have put the place in first-class order and have every prospect of making the establishment one of the most successful in the vicinity.

NAME OF VINE.

I enclose a branch of a vine of which I would like to know the name. It was found in the woods and seems to do best growing among brush piles. The root is composed of a string of small tubers resembling potatoes. Planted in a partially shaded situation near the house, it makes a very pretty vine, and the blossoms are very fragrant. No one about here can name it, and I should be pleased to know what it is. A. W. T.

The vine is Apios tuberosa (Moench), a widely distributed plant of the leguminous order, which has often attracted the attention of botanists because of its possibilities of development as a food plant. A few years ago the writer received an order from an investigator in Prague, Bohemia, for a quantity of apios tubers to be planted there to test its availability. The tubers were sent but the overcautious government officials there, fearing insect pests, perhaps, would not allow them to be unpacked, so they were returned to Chicago. The apios is popularly called ground nut and wild bean. The names tuberous-rooted wistaria and micmac potato are also applied to it. The tubers are very nutritious when baked. J. Higgins.

Rockford, Ill.—Sullivan & Slagle, a partnership formed by two well known florists, are building three large greenhouses opposite West Side cemetery. The firm is having considerable trouble in procuring a water supply, being outside the city limits. The city council ordered an extension of the water mains to the greenhouses, but the mayor interposed his veto.

THE PHILADELPHIA WHOLESALE FLOWER MARKET

WILL REMOVE TO

1235-1237 FILBERT STREET

On Monday, August 29, 1904.

You are cordially invited to call and see the new quarters. The growers who sell their flowers in the Market say it is the only way to sell flowers. Will you give us a trial, Mr. Grower?

CONSIGNORS:—We will do our best to give you good returns. Ask any of our consignors how they are pleased.

TO THE STORE KEEPERS:—You can get what you want and all you want every day at the Market.

TO OUT OF TOWN CUSTOMERS:—We can ship you fresh flowers direct from the best growers.

The Philadelphia Wholesale Flower Market,

1235-1237 Filbert Street, TELEPHONES. **PHILADELPHIA.**

Mention The Review when you write.

PHILADELPHIA.

The Market.

Business continues fair for the season. Beauties and valley are in demand, with the supply of excellent quality. Asters are scarce. Some remarkably fine Semple's are now coming in, the best being sent by Mrs. S. I. Smith, of Secane, to the Flower Market. Gladioli are plentiful. They seem to sell a little better as the season advances. Some nice field-grown carnations are coming in, of the three leading colors, pink, red and white. Dahlias are more plentiful, but as yet they do not sell very well.

From St. Louis.

Delegates to the S. A. F. convention at St. Louis last week are returning in small parties. They report an interesting meeting, a splendid trade exhibit and a very pleasant time at the World's Fair. They speak highly of the horticultural exhibits and the courtesies shown them by the St. Louis florists. Despite the counter attractions of the Fair, many of the exhibitors report excellent business. The bowling team did their best, which was all we asked of them. We hope for better things next year.

Various Notes.

It is said that J. J. Habermehl's Sons have secured the flower privilege in the new Belleview Stratford Hotel, at Broad and Walnut streets.

M. Rice & Co. have received a very warm letter of commendation on their St. Louis exhibit from a western florist. Mr. Rice states his firm's business there exceeded that of past conventions.

Eugene Bernheimer has been receiving some fine Semple's asters.

Ed. A. Stroud expects to cut soon from his July planted carnations. Both the pot and field-grown plants are doing finely, the latter being more stocky but not so far advanced.

Ed. Reid returned on Sunday from a very pleasant trip to the south.

John A. Shellem has 12,000 bulbs of his mammoth freesia. The best measure two and three-quarters inches.

Charles F. Edgar has been visiting the growers in Chester and Lancaster counties.

J. A. Smith, of the H. F. Michell Co., spent Tuesday in Chester, Pa.

John Savage, of Mower street, Mt. Airy, has sold his place, consisting of one and one-third acres of ground, a dwelling house and four greenhouses, to Wm. H. York. Mr. Savage has rented the place until next season, when he hopes to secure a desirable position as manager or superintendent.

Arthur H. Lanser, of Wayne, Pa., feels the full truth of the old proverb, "It's an ill wind that blows nobody good." A near-by freight wreck on the Pennsylvania enabled him to get a two years' supply of coal at 45 cents a ton.

Arthur A. Niessen speaks highly of the condition of John F. Andre's place at Doylestown, Pa. Cutting has just commenced from the young stock, which was all planted in June. Beauties have been doubled in quantity.

Thomas Butler and wife have returned from a pleasant visit to Atlantic City.

George Burton, who has replanted his father's Queen street place with young roses this season, has begun shipping to the Leo Niessen Co.

William J. Young, Jr., of Germantown, has completed the work of moving and rebuilding three greenhouses and is erecting a handsome brick office. The moving was cleverly managed, one-half a house being slipped over the other half into position beyond, thus giving needed space for a building lot in front.

H. Bayersdorfer & Co. sold all their exhibit at St. Louis.

Pennock, Niessen and Berger are receiving fine asters which bring the remarkably high price of 3 cents, owing to short crop. PHIL.

ST. LOUIS.

The Market.

Trade the past week was good considering the season. The cool weather has come back, but too late for our S. A. F. brothers to enjoy. The supply of roses kept fairly up with the demands of the market. The quality of the stock is not so good as it might be. There is a good deal of short-stemmed stock in the market, which sells cheaply. The Brides and Maids cut from old stock are better than those cut from young stock. Prices on these have changed but little, $2 to $3 buying about the best. Beauties are coming in much better and with longer stems. The best of these are selling at from $1.50 to $2.50 per dozen, $3 to $5 per 100 for shorts. Carnations are of very poor quality and too short in stem. Mrs. Fisher is about the best that comes in just now. The very best bring $1.50, colored sorts being poor with demand good.

In outdoor stuff there is considerable call for hydrangeas, also tuberose stalks

Our New Importations

ARE IN A CLASS BY THEMSELVES.

But the house of Bayersdorfer & Co. has always been the Largest and Best Equipped Florists' Supply House in America, so why expatiate on the Correctness of Style or High-class Workmanship of this year's Novelties, although they are considerably better than usual? All these Merits are expected, as a matter of course, of the goods from

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America

50-52-54-56 N. 4th Street, PHILADELPHIA.

and gladioli. The asters in now are of poor quality, with a big demand for white and purple. We have had plenty of rain of late, which has made outdoor stock in fine condition. Plenty of greens in the market for all demands.

Various Notes.

The St. Louis boys are delighted with the selection of Washington for next year's convention and we know that our friends, Gude, Freeman and Papa Smith, will give us a good time next year.

The presents received by Messrs. Breitmeyer, Hauswirth, Kuehn and Meinhardt were much admired by their friends and they certainly deserve them for their hard work during the convention.

We are glad Chicago won the bowling match and they certainly have a great bowler to lead them in young Stevens. We came in second, and did not expect so good a position in the race, for a tired lot of bowlers, overworked a week in advance. Patrick O'Mara was the proudest man of all for winning the "spare" prize. We are glad of it, as he has many admirers among the St. Louis boys.

Robt. Craig will remain ten days longer to act as judge at the World's Fair. A great many of the S. A. F. members remain over this week to take in all the sights of the Fair.

William Scott surely had the boys in good humor all of the week, telling them funny stories, and those who never knew him before think him Great Scott sure enough.

The general entertainment committee will meet this week Thursday to settle up convention matters, so as to report at the next meeting of the club, September 8, when a big time is expected. Installation of officers will take place at this meeting and every member is expected to be present to honor the new president.

J. J. B.

NEWPORT, R. I.

The Market.

The summer season is at its height, and the florists have all been busy during the past two weeks. Cut flowers stay about where they were in price, except sweet peas and gardenias. Sweet peas, owing to the wet weather, are scarce and find a ready market at 25 cents per hundred wholesale. Gardenias are in large demand and good flowers bring $6 a dozen at retail, and half this amount to the dealers. Orchids also have been very scarce, as so many are used every day now for dinner decorations; and the growers cut them very closely.

Various Notes.

The last meeting for August of the Newport Horticultural Society took place Wednesday evening, with President James J. Sullivan in the chair. The committee on prizes reported that several very liberal special prizes had been given the society since the last meeting, to be awarded at the September exhibition. The following committee of arrangements to serve at the autumn show, September 20 to 22, was appointed: William F. Smith, Samuel Speers, John T. Allan, John Baumgartner and Andrew Christiansen. There having been considerable confusion at past exhibitions regarding the classification of dahlias, the society chose a committee, consisting of James Robertson, M. B. Faxon and Alexander McLellan, to prepare a list of the various types and classes, to be used by the exhibitors at the coming exhibition when many dahlias will be shown.

The J. M. Hodgson greenhouses and lily pond, on Bellevue and Le Roy avenues, is one of the commercial show places of Newport. A number of very handsome greenhouses have recently been completed, and are daily inspected by the cottagers and visitors to the city. Hodgson has now one of the largest and most complete floral establishments here, and has been doing a great deal of good work in dinner and luncheon decorations.

The California privet hedges are being trimmed for the second time this summer. Owing to so much wet weather they have made a great growth and are most beautifully green. These hedges are always thoroughly trimmed twice each season, once early in June and now again in August; Newport's privet hedges are one of the features of the place, there being miles and miles of them, more, I feel sure, than in any other one section in this country.

Recent visitors: Mr. Hayes, representing Henry A. Dreer, Philadelphia; A. H. Folger, New Rochelle, N. Y.; W. P. Johnson, of the Albert Dickinson Co., Chicago, and James J. Mulry, representing Sigmund Geller, New York.

NEW YORK, N. Y.—Schedules in the bankruptcy proceedings of George E. Bradshaw, wholesale florist at 53 West Twenty-eighth street, show liabilities of $2,368 and nominal assets of $1,863 consisting of book accounts amounting to $1,839, a check for $14 and $10 in currency.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

The triennial conclave of Knights Templar for which preparations have been in progress for the past several weeks is almost at an end and the town presents a gala appearance. The majority of our stores are splendidly decorated for the event and thousands of yards of garlands are used along the principal streets.

But business is almost at a standstill at present. Flowers, outside of roses, are plentiful enough and there is very little demand for anything. Quantities of outdoor amaryllis and tuberoses are being received and bring only what the retailers feel like paying. Asters are being offered by the thousands and the prices remain low except for some fancy stock. A few chrysanthemums are being handled but we do not look for any quantity before next month. Sweet peas are getting short of stem. Lilium album and rubrum are not as plentiful as they have been. They sell wholesale at from $1.50 to $2.50 per dozen stems. Smilax is coming in slowly and is very soft. A goodly quantity of it is being used in window decorations. Carnations are not very plentiful and the price remains the same as it has been for several weeks.

Various Notes.

The Frank & Parodi Co. has consolidated the old store formerly located on the corner of Brooks and Geary street, with the new establishment opened several months ago on Geary street near Grant avenue.

The Art Floral Co., of Sutter street, has entirely remodeled the store and it presents a very handsome appearance.

The Misses Kretman have opened a retail place at 239 O'Farrell street.

The will of the late John Rock, of Niles, has been admitted to probate. It disposes of $20,000, which is left in equal portions to his son and daughter.

J. Seulberger, of Oakland, has just returned from a trip to the Yosemite valley and his son, Frederick, has departed on a month's outing to Lake Tahoe.

T. K. Love, of the Piedmont Floral Co., is rusticating at Kenwood, Shasta county.

J. T. Cochran has purchased the Gould greenhouses at Fruitvale, and is remodeling them preparatory to replanting carnations.

Joseph G. Lewis, for many years employed as an expert budder at the nurseries of James O'Neill, at Haywards, has taken charge of the season's rose budding for Gill's Floral Depot at Oakland.

G.

CONVENTIONS AND TRADE.

I had a conversation a few days ago with one of our principal florists in San Francisco. He has conducted one of the largest stores in his line in the city for over twenty years and the subject of the Knights Templar celebration was spoken of and its influence on the business done in the retail stores during the encampment. "The general public has a highly erroneous impression," said he, "that all that has to be done in this city or other large towns to bring an extra amount of business to the stores is to have some sort of a national celebration for a week or two. But in my experience I have yet to notice any increase in my store receipts during such a period. Of course we always rent a few dozen palms and generally make up a lot of cheap garlands, but the committee having the entertainment of the visitors in charge usually expects the florist to donate his stock or else give it to them at half price, or sometimes they contract bills and when the time comes for the retailer to present his account it is found that the committee spent all the money they had collected to entertain the visitors and the poor florist gets left. It seems to me that the majority of the visitors who come to California on these excursions have just enough money on hand to live on while they are here and pay their passage back and, although they always make a round of the florists' stores they never buy anything and have a tremendous capacity for inquiring the names and prices of everything in sight. During the last encampment we had here I had numerous callers during the day and when I told the price of our roses or carnations the inquirers got very indignant and remarked that they could get flowers just as good in Omaha or Pittsburg for the same price. They evidently thought that free bouquets should go with the other favors that are visited on the strangers within our gates by Californians. Of course it is right and proper that we should entertain all the travelers that visit our shores, and that we do so is well known to anyone who has been here, but that it is a money making time for the florists I positively deny, in fact we are always well satisfied when the assembled hosts take their departure."

Several other retailers whom I approached on the same subject were all of the same opinion, so I think it will be perfectly safe to say that although our state and city no doubt receive much permanent benefit from the thousands of visitors we meet yearly on various excursions sent here, the money is spent principally in hotels, restaurants, places of amusement, street cars and almost everywhere else except in the florists' stores.

G.

GRAND RAPIDS, MICH.

We have had a very trying dry spell, broken at last by copious rains, assuring good carnation plants, as they are now making a very rapid growth. All are planting, and at least half the entire stock is housed. By September 1 nearly all planting will be finished. Roses are gaining length of stem, and are improving in quality. Mum stock is everywhere looking fine. Harrisii are all potted up and stowed away in frames.

The violet crop is not as much of a success as last winter. One grower in the outskirts has lost all his plants. It is doubtful if he will replant, as he has a fine field of good carnation plants, and thinks they will be a safer crop for this season. Another grower thinks he will throw out part of his crop, they are so poor, nothing like what they were last year. But two violet growers, Eli Cross and Crabb & Hunter, are having all around success with their stock to date.

Crabb & Hunter are cutting some very fine long-stemmed Kaiserins. They grow one large house for summer bloom. Carnations are very scarce and the demand far in excess of the supply. Asters have in a measure taken their place. There has been an unusual amount of funeral work all summer that has kept flowers pretty thoroughly cleaned up. Shipping trade has also kept up steadily, making it altogether a busy summer, so much so that it made it impossible for several to attend the S. A. F.

Mr. Diedrich, foreman of the Grand Rapids Violet Co., is out of the hospital and attending to his duties as usual. His arm was so bad at one time it was thought necessary to amputate it, but a strong constitution pulled him through.

G. F. C.

100,000 EXTRA STRONG
Asparagus
Plumosus Nanus
2-INCH, $20.00 PER 1,000
Cash, Express Prepaid;
$2.50 at 1,000 Rate.
CALIFORNIA CARNATION CO., Loomis, Cal.
Mention The Review when you write.

7500
Liberty
Strong, low budded, field-grown plants, just the thing for forcing.
$15.00 per 100; $125.00 per 1000
F. O. B. here. Cash with order.
E. GILL, WEST BERKELEY, CALIFORNIA.
Mention The Review when you write.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.
Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.
F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

ASPARAGUS
PLUMOSUS NANUS.
From flats, $1.75 per 100; $15.00 per 1000.
Strong 2-in. plants, 2.00 " 20.00 "
New Crop Shasta Daisy Seed,
Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.
Loomis Floral Co., Loomis, Cal.
Mention The Review when you write.

GREEN GOODS PLENTIFUL SUPPLIES

ASPARAGUS, nice, long strings, . . . 35c to 50c each
ASPARAGUS SPRAYS, in bchs. of 25, 35c to 50c each
SMILAX, long, heavy strings, doz., $1.25; 100, $8.00
SPRENGERI, plenty of it.

All Cut Flowers in Season. SEND US YOUR ORDERS.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.
Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem	.50 to .75
	Per 100
Brides and Maids	$3.00 to $6.00
Meteors and Gates	3.00 to 5.00
Liberty	4.00 to 8.00
Kaiserin	4.00 to 8.00
Carnations	1.00 to 1.50
" large and fancy	2.00
Asters	.50 to 1.50
Valley	2.00 to 4.00
Gladioli ..... per doz., 25c to 35c	
Auratum lilies ..... doz. $1.50	
Longiflorums ..... doz., $1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 4.00
Ferns ..... per 1000, $1.00	.15
Galax, Green and Bronze, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.60 to .75
Smilax ..... per doz., $1.25	8.00

Subject to change without notice.

CHICAGO.

The Market.

The local demand the past week has been limited to white stock and a very moderate amount of material has sufficed to satisfy the call. Shipping trade has been fair for the season but it has been a hard proposition for the wholesalers. Stock with quality to make it come up to the requirements of the out-of-town trade has been and is very scarce. Beauties of fair grade are quite plentiful, most of the young stock being just on with the first crop, but other roses of shipping grade are hard to find. Brides of good length of stem are desirable property and bringing profitable prices. Few Kaiserins are to be had. Other roses are in less demand.

The recent heavy rains have damaged all outdoor stock, particularly carnations and usable flowers are scarce, especially white. Sweet peas are practically out of it. Asters are very plentiful and there is considerable waste on this item. Gladioli are also abundant and largely used. The best hardly bring over 3 cents. Dahlias of good quality are appearing. Small receipts of valley suffice to make this item appear plentiful, for there is little call for it. No order for green goods goes unsatisfied.

Various Notes.

H. Bauske says he sees little good rose stock in sight and lays it to the wide variations in temperature, some days, like last Sunday, being very hot, followed by nights so cool that fires seem almost a necessity. He does not look for good, clean stock to be as abundant as usual early in the fall.

The town was full of convention visitors Sunday and for several days this week, among them President Breitmeyer, who found time to call on Edgar Sanders. He was accompanied by Mrs. Breitmeyer and when they went east Mrs. P. J. Hauswirth went along, intending to go on to Buffalo for a visit.

Benthey-Coatsworth Co. is cutting Benthey's Perfection aster in quantity.

The F. E. Butler Floral Co. will open a retail store at 291 Dearborn street about September 10. There is no flower store within several blocks.

Mrs. Horton, of Bassett & Washburn's, is on her vacation.

C. M. Dickinson went to Mt. Clemens Monday night. He is having a serious time with his throat.

Among the week's visitors were C. Hauser, Jr., of San Antonio, Tex., and H. Harrington and his son-in-law, L. C. Beall, Jr., of the Harrington Floral Co., Vashon, Wash., the latter two on their way to New York; Hans Tabler, of Traverse City, Mich.

FIELD-GROWN CARNATIONS

	Per 100		Per 100
Lawson	5.00	Flora Hill	$4.00
Norway	4.00	White Cloud	4.00

Asparagus Plumosus Nanus, 2½-in. 2.50

E. KNABE, Florist, FRANKFORT, IND.

BLACKINTON, MASS.

George H. Phelps died at his home here August 17. He was 52 years of age and had been ill since Christmas, at which time he was taken to the City Hospital for an operation for an abcess, from which he never recovered. After five weeks in the hospital he returned home but was confined to his bed until death relieved him. Mr. Phelps was one of the most successful growers of carnations in the east, always having the best blooms shown in this vicinity. He was a man of unusual intelligence and a very interesting conversationalist. He leaves a widow and one daughter.

A. H. D.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held August 13, President Dunbar in the chair. The aster was the subject for the evening's discussion. Very few seemed to have asters this year free from disease, many having large patches of them all diseased. There were a few nice blooms of the Pride of the Market aster staged. J. Bradley was awarded five points and Claud Wilson three. The judges were J. Cook and Mr. Romer. The subject for our next meeting is to be tomatoes.

J. B.

CUMBERLAND HILL, R. I.—Fred I. Vose built a house 20x100 last year for carnations but did not get it done in time and grew a crop of vegetable plants in it, including 16,000 tomato and 10,000 cabbage. This year he is putting up a house 20x60 for roses.

CHRISTMAS Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,
The Originator, GRAND VIEW, N. J.
POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.

We offer the following SEASONABLE STOCK all in PRIME CONDITION:

Inch.		Each.	Doz.	100	1000
5	Araucaria Excelsa	$1.00	....	....	....
5	Pandanus Veitchii	1.00	....	....	....
4	Rubbers, 10 to 12 in. high	....	$4.00	....	....
6	Latania Borbonica Palms 5 to 7 leaves	....	4.50	....	....
4	Kentia Belmoreana Palms, 6 to 8 leaves	....	4.00	$30.00	....
5-6	Boston Ferns, lifted from bed	....	....	22.50	....
3	Boston Ferns pot-grown	....	....	8.00	$75.00
2½	Boston Ferns, "	....	....	4.00	40.00
3	Asp. Plumosus Nanus	....	....	8.00	75.00
2	Asp. Plumosus Nanus	....	....	4.00	35.00
	Asp. Plumosus Nanus Seedlings 5000 lots at $16.00 per 1000	....	....	2.00	18.00
2	Asp. Sprengeri 5000 lots at $16.00 per 1000	....	....	2.00	18.00
3½	Clothilde Soupert roses, extra fine	....	1.25	10.00	....

Cash with order or satisfactory references to new customers. If wanted C. O. D., remit ¼ cash with order. MAY WE SERVE YOU?

D. U Augspurger & Sons, Peoria, Ill.

Mention The Review when you write.

FIELD-GROWN
Carnations...

500 Genevieve Lord, 500 Gov. Roosevelt, 300 Prosperity, { $ 6.00 per 100. 50.00 per 1000.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

Field-Grown CARNATIONS

Mrs. Joost, Guardian Angel, Estelle, Crane, Wolcott, Lawson, Glacier, Norway, Mrs. Fisher and Lizzie McGowan.

Send your order in to

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

FLORISTS' FLOWER SEEDS for Present Planting.

MIGNONETTE—DEFIANCE, packet 2000 seeds, $1.00; ½ pkt., 50c.

STOCK—S. & W. CO.'S IMP. GIANT PERFECTION, pkt., 25c; ¼ oz., $1.50; per oz., $5.00. STOCK—BEAUTY OF NICE, pkt., 25c; 5 pkts., $1.00. PANSY—NON PLUS ULTRA, pkt., 25c; ¼ oz., $1.50; per oz., $5.00.

For other seed, etc., send for catalogue. **STUMPP & WALTER CO., 50 BARCLAY ST., NEW YORK.**

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

LONGFELLOW beans, from present indications, are likely to be a short crop.

NOTHING is being added to the pea crop by the revised reports from the growing sections.

BEAN crops in New York state are said to be looking better than those of Michigan.

SIXTY per cent, as compared with last year's crop, is thought to be the right estimate of the onion sets that will be available for shipping this year.

BOWMANVILLE, ILLS., now a part of Chicago, besides being the home of the largest truck farmer in the west, is likely to soon be known as the largest mushroom growing center.

THE prospect for a bean crop remains unchanged. The pods of Wardwell's are not filling well. This fault, although characteristic of this variety, is more noticeable this year than ordinarily, and is likely to shorten the crop considerably.

A CORRESPONDENT would be glad to hear from anyone having particular knowledge of onion set growing, the reason why one part of an onion set bed is ready to harvest and another part of the same bed, sown the same day, with the same lot of seed, stands green and unmatured.

THE weather of the past week has been unfavorable for the sweet corn, melon and cucumber crops. Ordinarily the third and fourth weeks of August show a very marked gain in the growth of corn and a rapid setting of the fruits on the cucumber and melon vines. According to general reports this has not been the case this year and, in the opinion of many of the growers, there is little chance that the present deficiency will be made up during the remaining weeks of the growing season.

LEBANON, PA.—D. Hammond and D. G. Mish, of the Mish Greenhouses, have bought out E. M. Sanders.

ALBION, N. Y.—Newman & Gatz are building three houses, one 45x100, and two smaller structures, with heating plant, etc. They will grow cut flowers for shipment to Buffalo and Pittsburg.

MY adv. in the REVIEW did the trick. Thanks.—R. M. SCHULTZ, Madison, N. J.

WE look for the REVIEW each week, as it is always full of honest thoughts.—HAMMERSCHMIDT & CLARK, Medina, O.

"I SHOULD not care to be without the REVIEW, as one article is often worth more to me than the cost of many years' subscription."—CHAS. H. ZUNDEL, Haverstraw, N. Y.

Fresh Importation Just Received ENGLISH MILLTRACK Mushroom Spawn.



The product of the best maker in England that never fails to please the **most critical mushroom growers.** A treatise "How to Grow Mushrooms" sent with every order.

Per Brick, 1¼ lbs., 15c.; post paid. 25c.
Per 10 lbs., 80c.; per 25 lbs., $1.50.
Per 100 lbs., $6.00; per 1000 lbs., $55.00.

Special quotations will be made on larger quantity.

SEE OUR PANSY OFFER IN LAST WEEK'S REVIEW.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Bamboo Plant Stakes, Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Mention The Review when you write.

QUALITY IS MY FIRST CONSIDERATION.

LILIUM LONGIFLORUM—Bermuda .....5-7-inch bulbs, 400 in case, $3.50 per 100; $30.00 per 1000. 7-9-inch bulbs, 200 in case, $7.00 per 100; $60.00 per 1000.
LILIUM HARRISII—True.....5-7-inch bulbs, 400 in case, $4.50 per 100; $40.00 per 1000. 7-9-inch bulbs, 200 in case, $8.50 per 100; $80.00 per 1000. 9-11-inch bulbs, 100 in case, $18.00 per 100; $175.00 per 1000.
Full line of Fall Bulbs, etc. Write for catalogue just issued.

ARTHUR T. BODDINGTON, Importer, Exporter Seeds, Bulbs and Plants, 342 W. 14th ST., **NEW YORK.**

Mention The Review when you write.

Lily of the Valley FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,
PINNEBERG, (Germany).

Mention The Review when you write.

NARCISSI

PAPER WHITES—French Grown—first size, measuring 5 inches and over; $7.50 per 1000; grandiflora, $9.50 per 1000. **Perret's Pansy Seed**—$4.00 per oz., $2.50 per ½-oz., $1.00 per pkt., 50c per ⅛ pkt. **Cypripedium insigne**—The best winter flowering orchid, $10.00 per 100; $90.00 per 1000.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

Mention The Review when you write.

Now Ready for Delivery

W. W. RAWSON & Co. Arlington Tested Seeds BOSTON, MASS.

LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.

W. W. RAWSON & CO., Seedsmen.
12-13 Faneuil Hall Square, BOSTON.

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READY

FREESIA BULBS

True Bermuda grown, pure white. Selected, per 100, 80c; 1000, $7.50. Samples mailed free.

CALIFORNIA CALLAS, all sizes.

ALSO

ALL FRENCH BULBS.

Quotations on application.

E. F. Winterson Co. E. F. Winterson, John P. Degnan, L. H. Winterson
45-47-49 Wabash Ave., CHICAGO.

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LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,
1409 W. Madison St., CHICAGO.

Mention The Review when you write.

NOW READY FOR DELIVERY Having filled all advance orders for early bulbs, we offer for immediate shipment the following, as long as unsold, viz.:

ALLIUM NEAPOLITANUM
60c per 100. $4.50 per 1000.

CALLAS

	100	1000
Selected bulbs, 1¼ to 1¾ in. diam.	$6 00	$50.00
Mammoth " 1¾ to 2 in. "	8.00	70.00

FREESIAS

Extra quality bulbs	.50	4 00
Selected bulbs	.75	6.00
Mammoth "	1.00	9.00

Finest Quality.

LILIUM HARRISII

Bulbs, 6 to 7 in. circum.	350 to case,	4 50	40 00
Bulbs, 7 to 9 in.	200 "	8.00	75.00
Bulbs, 9 to 11 in.	100 "	16.00	150.00

Full Case Lots at 1000 Rates.

LILIUM CANDIDUM

	100	1000
Extra quality bulbs	$5.00	$40.00

NARCISSUS
PAPER WHITE GRANDIFLORA

Extra quality bulbs, 13 cm. and up circum., 1,500 to case	$1.25	$10.00
Selected bulbs, 14 cm. and up circum., 1,250 to case	1.50	12.00

FRENCH-GROWN
TRUMPET MAJOR NARCISSUS

For Christmas Flowering	$2.00	$15.00

BERMUDA BUTTERCUP OXALIS

	100	1000
Large sized bulbs	$0.75	$6.00

WHITE ROMAN HYACINTHS

Extra quality bulbs, 12 to 15 cm., 2000 to case	$3.00	$27.00
Selected bulbs, 13 to 15 cm., 1,250 to case	3.50	32.00

WHITE ITALIANS
$3.00 per 100, $27.00 per 1000.

COLD STORAGE
LILY OF THE VALLEY
Finest quality, case of 2,500 Pips for $30.00

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, NEW YORK

Mention The Review when you write.

Lilium Harrisii Bulbs

Last Call. We have still on hand the following sizes:
Carefully selected and guaranteed 85 per cent. true stock.

Size.	Per 100	Per 1000
5 to 7	$4.00	$32.50
7 to 9	8.00	78.00
9 to 11	16.00	155.00

CALLAS
Best Northern Grown California CALLAS, Sound Bulbs.

	Per 100	Per 1000
1¼ to 1½-inch diameter,	$4.00	$37.50
1½ to 2 -inch diameter,	6.00	55.00
2 to 2½-inch diameter,	9.00	85.00

E. H. HUNT, WHOLESALE FLORIST, 76-78 Wabash Ave. **CHICAGO**

Thorburn's Bulbs

OUR WHOLESALE
TRADE PRICE-LIST
OF
HIGH CLASS BULBS
AND
CHOICE FLOWER SEEDS
FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SEEDS THAT PAY

ANTIRRHINUM. (Snap Dragon.)

	Trade pkt.	Oz.
Dwarf Mixed	15c	40c
Giant Scarlet	20c	60c
Giant Yellow	20c	60c
Queen of the North — Giant White	15c	60c
Tall Mixed	10c	30c

CENTAUREA IMPERIALIS. (Giant Corn Flower)

	Trade pkt.	Oz.	⅛ Oz.
Deep Rose	15c	75c	40c
Lavender	15c	75c	40c
Lilac	15c	75c	40c
Pink	15c	75c	40c
Purple	15c	75c	40c
White	15c	75c	40c
Yellow	15c	75c	40c
Choicest Mixed	15c	50c	40c

HENRY F. MICHELL CO., 1018 Market Street, **PHILADELPHIA, PA.**

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

NOT THE SAME KIND.

The anxious mother rings up what she thinks is the day nursery to ask for some advice as to her child. She asks the central for the nursery, and is given Mr. Gottfried Gluber, the florist and tree dealer. The following conversation ensues:

"I called up the nursery. Is this the nursery?"

"Yes, ma'am."

"I am so worried about my little Rose."

"Vat seems to be der madder?"

"Oh, not so very much, perhaps, but just a general listlessness and lack of life."

"Ain'd growing righd, eh?"

"No, sir."

"Vell, I dell you vat you do. You dake der skissors und cut off apoud two inches vrom der limbs, und—"

"Wha-a-at?"

"I say, dake der skissors und cut off apoud two inches vrom der limbs, und den turn der garten hose on for apoud four hours in der morning—"

"Wha-a-at?"

"Turn der garten hose on for apoud four hours in der morning, und den pile a lot of plack dirt all around, und shpringle mit insegt powter all ofer der top—"

"Sir-r-r?"

"Shpringle mit insegt powter all ofer der top. You know usually id is noddings but pugs dot—"

"How dare you? What do you mean by such language?"

"Noddings but pugs dot chenerally causes der troubles; und den you vant to vash der rose mit a liguid breparations I haf for sale—"

"Who in the world are you, anyway?"

"Gottfried Gluber, der florist."

"O-o-oh!" weakly. "Good-by!"—Buffalo Express.

"The Review has been a welcome visitor the past year; it is very instructive, just what every florist ought to have."—S. M. Wyatt, Watseka, Ill.

I look for the Review on Sundays just as I do my meals and could do without one as well as the other.—Frank Imbach, Newport News, Va.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A good energetic man by September 10 who understands carnations and bedding plants; one who can make himself generally useful; good habits and accommodating; wages to right party $30 room and board. Northern Michigan Floral Co., Petoskey, Mich.

WANTED—Before September 15, a first-class grower of roses and carnations; wages $60.00 per month; place permanent. Address No. 4, care Florists' Review, Chicago.

FOR RENT—Small greenhouse business in growing Connecticut town; fine miscellaneous stock; good trade; failing health sole reason for renting; terms very reasonable; immediate possession. AddressNo. 6, care Florists' Review, Chicago.

GEWUENSCHT—Als Teilhaber, ein lediger, ehrlich und fleissiger Mann. gewandt im aufmachen, kentniss vom ziehen nicht nothig (ich sehedazu); etablirt platz im Osten; etwas Geld erfderlich; gleiche Rechte fur beide. Addresse No. 7, care Florists' Review, Chicago.

SITUATION WANTED—By young man, German, single, age 32 15 years experience in palms, ferns, cut flowers, bedding and forcing stock; good references; private or commercial. No. 5, care Florists' Review, Chicago.

FOR SALE—Hitchings boiler No. 17 865. Geo. Milne, 14 Lincoln St., Winchester, Mass.

FOR SALE—500 ft. 5-inch greenhouse pipe, new, never been used. Geo. Reinberg, 51 Wabash Ave., Chicago. Ill.

FOR SALE—5000 feet glass, stock, pots, etc., for $500 in a good factory town of 5000; no competition; a bargain. Jas. R. Johnston, agent, Dunkirk, Ind.

WANTED—Good all round man for cut flowers and pot plants; German preferred F. Blondeel Co. Oak Park Avenue and Augusta Street, Oak Park, Ill.

FOR SALE—Six greenhouses, good location; sickness cause of sale; reasonable price. Address Anton F. Schramm, 2476 Cherry Street, Toledo, Ohio.

SITUATION WANTED—By a man experienced in fitting pipes and working around greenhouses single, middle aged; good reference. J. McGregor, Lake Forest Ill.

SITUATION WANTED—By a first-class rose and carnation grower; German single age 30; 18 years' experience; 3 years in America; first-class references Address No. 8, care Florists' Review, Chicago.

FOR SALE—Cheap, florist ice box, 6 ft. wide, 3 ft. deep 8 ft high; 1 large plate glass front door, side door for ice; good keeper. Address Z. D. Blackistone, 14th and H Sts., N. W., Washington. D. C.

WANTED—Young man 18 to 20 years, with some experience; will room and board him; a good chance for the right one; state reference and salary expected. Max Schreiber, Box 670, McDonald, Pa.

WANTED—To rent greenhouses with stock. Address No. 201, care Florists' Review, Chicago.

WANTED—Partner with about $3 000 cash to take half interest in 10 000 ft. greenhouse plant and 15 acres ground near Chicago, well stocked with plants; splendid opportunity; practical man preferred. Address No. 200, care Florists' Review, Chicago.

WANTED—Storeman, in the best store in an Ohio city of 450,000 must be highly respectable and have first class ability as salesman, designer and decorator; character must bear strictest investigation; state salary, etc. Address No. 196, care Florists' Review, Chicago.

WANTED — Day fireman who understands steam boilers, pipe fitting and general jobbing work around greenhouses; married man preferred who would board two or three single men; will find five-roomed house on the place. W. K. Partridge, Station R, Cincinnati, O.

FOR SALE—Cheap. Dwelling of six rooms; greenhouses, covering 6000 feet of glass; stable, sheds, etc. Also three lots of ground. Mrs K. Jaeger, Fulton and Jackson Avenues, Jersey City, N. J.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg Virginia, a city of 25.000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—All or a half interest in a florist store with a good well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouse built last year; 8000 ft.; 2½acres ground; 50 miles from Chicago; stocked heavily; will sell all or part of the land. J. Sanstrom, Momence, Ill.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park Ill.

FOR SALE—A gold dollar for 50 cents is the kind of a bargain offered in our greenhouses stock, dwelling, 4 acres — everything; located in Central Ohio. Address S L. Harper, 3731 North 30th Street, Tacoma, Wash.

FOR SALE — Horizontal tubular hot water boiler in first-class condition 9 ft 6 in. long, 36 inches in diameter; price with grate bars, front and breeching complete, $90 00; small florists's ice box little used. $30.00 practically new Deane steam pump, $25.0 ; above prices cash f. o. b. St. Louis, Mo. J. W. Dunford, Clayton, Mo.

FOR SALE—Four greenhouses, 8000 square feet of glass located at Marshall, Mo a town of 6000 inhabitants, on two railroads 85 miles east of Kansas City. Shipping facilities good. Also dwelling house with five rooms adjoining. Can be bought cheap. Address T. H. Harvey, Marshall Mo.

FOR SALE—Boiler 40 in. x 14 ft., 3-in. flues and fittings; also florist wagon. Mrs. Aug. Marx, 1317 N. Michigan Avenue, Saginaw, W. S., Mich.

FOR SALE—Cheap—Greenhouses in good town in Ohio, population 14 000; will sell at a bargain, as owner is engaged in other lines of business. Address No. 151, care Florists' Review, Chicago.

WANTED—To buy a second-hand No. 16 Hitching's hot water boiler. Draper & Clark, Greensburg Ind

FOR SALE—15 horse-power, upright, steel boiler; fitted for steam or hot water. Price $50.00 f. o. b. Chase & Son, New London, Ohio.

FOR SALE—Three acres; 3 large greenhouses complete new 7-room house; best soil and location half hour from New York City, on Long Island; terms to suit. John A. Rapelye, Elmhurst, L. I.

WANTED—Young men who have had experience in growing roses or carnations. W. K. Partridge, Station R, Cincinnati, O.

SITUATION WANTED—In flower store; good designer and plant salesman; 10 years in last place; Eastern States preferred. Address 14, General Delivery, Charlestown, Boston, Mass.

WANTED—A good second hand boiler capable of heating about 2500 feet of 4-inch pipe warm enough for carnations. Apply, stating particulars, to Morton's Evergreen Lodge, Clarksville, Tenn.

SITUATION WANTED—An experienced fireman for greenhouses, either steam or hot water, is looking for a position for the year around. Single and middle aged, reference furnished. Address No. 2, care Florists' Review, Chicago.

WANTED—A good rose and carnation grower, must be steady and sober, wages $12 00 per week. Write or call on J. F. Ammann, Edwardsville, Ill.

FOR SALE—Or Rent; old established greenhouses with 6000 feet of glass with all the paraphernalia incidental to business of this kind. Will make low rent to desirable tenant. Prefer to sell as the owner is non-resident and through physical disability will never again be able to resume the business. This place has good nine-room house and barn also good heating plant in greenhouses. Will sell much below value and on most any terms to responsible party. Former tenant did thriving business. Just the place for live man. For particulars address Clarence E. Smith, 145 La Salle Street, Chicago.

WANTED—A competent person to open a floral department in a large department store. Address No. 3, care Florists' Review, Chicago.

FOR SALE—At a bargain, or exchange, greenhouse 110x20 feet; town of 4000; only greenhouse in place. Mrs. Thos. Denham, Whitehall, Mich.

For Sale - Cheap.

GREENHOUSES covering 10 000 feet of glass, favorably located in Eastern Pennsylvania in city of 40 000 inhabitants; well stocked; excellent retail trade. Good reason for leaving the business. Also modern 10-room dwelling, stable sheds, etc.

Address, G. W. F., 432 N. Eleventh St., ALLENTOWN, PA.

FOR SALE.

Owing to the death of the proprietor, the plant of the Lake Geneva Floral Co. is offered for sale. It consists of 6 houses, with Kroeschell boiler, connected with 3,200 ft. iron pipe; 1 potting room 16x38; 1000 Smilax Roots in different stages of growth; 12 cold frames 6x12, with covering sash; 6.000 pots assorted, from 1⅝-in. to 6-in.; 1250 choice Carnation Plants ready for housing; extra glass to cover a house 10x48; wire frames for funeral designs; 200 flats, working tools, etc. All situated on large lot 176x180 feet, with 7-room dwelling house, both of which can be leased for a term of years at reasonable rate. Address W. H. HAMMERSLEY, Lake Geneva Wis.

BARGAIN

TOP DELIVERY WAGON for Commercial Growers' purpose, to carry plants or cut flowers; platform, spring, cut under; well made wagon, made by first-class maker. Also good reliable horse, 5 years old. Apply

CHARLES MILLANG,

50 W 29th Street, NEW YORK CITY

SAMUEL S. PENNOCK,

BEAUTIES, VALLEY.

See our Special Offer of extra field-grown carnations on page 684

The Wholesale Florist, PHILADELPHIA.

Mention The Review when you write.

ASTERS. Write for prices on JOOST, HILL, LAWSON and other field-grown Carnations. **EUGENE BERNHEIMER**

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Wholesale Florists,

51 Wabash Avenue, - - - CHICAGO.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
36 inch stems and up	$3 00
30 inch stems	2 50
24-inch stems	2 00
20 inch stems	1 50
15-inch stems	1 25
12-inch stems	1 00
Short stems	75
Bridesmaids	per 100, $3 00 to 6 00
Bride	" 3 00 to 6 00

	Per 100
Ivory	$3 00 to $6 00
Meteor	3 00 to 6 00
Liberty	3 00 to 6 00
Golden Gate	3 00 to 6 00
La France	4 00 to 6 00
Kaiserin	4 00 to 8 00
Carnations, good	1 00
" fancy	2 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. Prices subject to change without notice.

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FIELD-GROWN CARNATIONS.

1000 Fair Maid	per 100,	$6.00;	per 1000,	$50 00
1000 Joost	"	5.00	"	45 00
1000 Mrs. Lawson	"	8 00	"	70 00
250 Enchantress	"	8.00		
250 Prosperity	"	6.00		
1000 Ethel Crocker	"		"	
1000 Flora Hill	"		"	
1000 Wm. Scott	"		"	
1000 Portia	"		"	

C. F. Edgar & Co. WHOLESALE FLORISTS, 1516-18 Sansom St., PHILADELPHIA, PA.

Extra strong and healthy CARNATION PLANTS. Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$8.00	Lawson	$8 00
Market	8.00	Joost	6.00
McGowan	6 00	Estelle	8 00
Lord	8.00	Fenn	6.00
Maid	8.00	Gomez	6.00
Enchantress	$8 to 10.00	Ad. Cervera	6.00
Nelson	8 00	Prosperity	8.00

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Wholesale Cut Flower Prices.

Philadelphia, Aug. 24.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2 00 to 3.00
Liberty, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.00
" Fancy	1.50
" Novelties	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50 00
" Sprengeri Sprays	35.00 to 50.00
Asters, Ordinary	.75 to 1.00
" Fancy	1.50 to 2.00
Dahlias	.75 to 1.50
Hydrangeas	2.00 to 3.00
Lilium Auratum doz.	1.00 to 1.50
" Harrisii doz.	.75 to 1.00
Smilax	10 00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50 to .75

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WHOLESALE FLORIST.

Everything Seasonable in CUT FLOWERS

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12-inch pans	2.00 each

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and as long as they last will sell a few nice Piersoni stock in 3-inch at $12.50, 4-inch at $15.00, 6-inch at $75.00, 7-inch at $100.00 per 100. Send order to

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GROWER ....OF Palms, Etc.

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Wholesale Cut Flower Prices.

New York, Aug. 24.

		Per 100
Beauties,	Specials	$6.00 to $20.00
"	Extra	4.00 to 5.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 2.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
"	Selects	.50 to 1.00
"	Fancies	1.00 to 1.50
"	Novelties	1.50 to 2.00
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, per bunch		6.00 to 10.00
Asters		.50 to 2.00
Dahlias		2.00 to 3.00
Gladioli		.35 to 1.00
Lilies		5.00 to 6.00
Lily of the Valley		1.00 to 2.00
Smilax		5.00 to 8.00
Stocks		5.00 to 10.00
Sweet Peas	per bunch,	.01 to .02

We like the Review and expect to take it as long as we are in business.—C. D. Mills, Jacksonville, Fla.

We find much valuable information in the Review and would not care to do without it.—W. G. Moulton & Son, York Village, Me.

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GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
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☞ October 1st we move to our new and commodious premises,

45 WEST 28TH STREET.

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Enchantress.....$8.00 per 100

The following at $6.00 per 100:

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Double Sweet Alyssum

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Bushy, out-door grown plants from 2¼-inch pots, $3.00 per 100.

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Wholesale Cut Flower Prices.

Buffalo, Aug. 24.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations, Common	1.00 to 1.50
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.20 to 1.50
Gladiolus	.50 to 2.50
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.15 to .20

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Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

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Galax—Bronze or Green	$1.00 per 1000
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Wholesale Cut Flower Prices.

Chicago, Aug. 24

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $6.00	

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 6.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
La France	5.00 to 6.00
Chatenay	2.00 to 5.00
Carnations, Fancy	2.00
" Common	1.00 to 1.50
Asters	.50 to 1.50
Sweet Peas	.25 to .40
Easter Lilies	$1.50 per doz.
Auratums 1.25 to 1.50	"
Gladioli....per doz. 25c to 35c.	

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I FIND the REVIEW a storehouse of useful information and do not wish to miss a single issue.—W. B. LONGSTRETH, Gratiot, O.

PLEASE send the REVIEW for this year as I like it very much and will send you an adv. later.—A. J. THOMPSON, West Haven, Conn.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

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Wholesale Florist
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WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
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Wholesale Cut Flowers
Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Aug. 24

		Per doz.
Beauties,	Specials	$2.00 to $2.50
"	Extra	1.00 to 1.50
"	No. 1	.75 to 1.00
"	Shorts	.35 to .60
		Per 100
Brides and Maids,	Specials	$3.00 to $4.00
" "	Extra	1.50 to 2.00
" "	No. 1	.50 to 1.00
Carnot		4.00 to 5.00
Golden Gate		3.00 to 4.00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 5.00
Meteor		2.00 to 3.00
Carnations, Common		.50 to .75
" Fancies		1.00 to 1.50
Adiantum Cuneatum		1.00 to 1.25
" Farleyense		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.50
Asters		.75 to 1.50
Gladiolus		2.00 to 3.00
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Tuberoses		2.00 to 3.00

Milwaukee, Aug. 24.

		Per 100
Beauties, Extra		$25.00
" No. 1	10.00 to	18.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, No. 1	4.00 to	6.00
" " No. 2	2.00 to	3.00
Golden Gate	2.00 to	5.00
Kaiserin	2.00 to	8.00
Liberty	2.00 to	6.00
Mme. Chatenay	2.00 to	5.00
Meteors	2.00 to	5.00
Carnations, Common	.75 to	1.00
" Selects		1.50
Adiantum Cuneatum	.40 to	.60
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	35.00 to	50.00
" Sprengeri "	3.00 to	4.00
Asters	.50 to	1.50
Gladiolus	.75 to	2.00
Lilium Auratum	1.00 to	1.50
Lily of the Valley	2.00 to	4.00
Smilax	8.00 to	10.00
Sweet Peas	.25 to	.40

WE esteem the REVIEW very highly for its Seed Trade news.—BINGHAMTON SEED CO., Binghamton, N. Y.

THAT little one-inch advertisement in your valuable paper did the work all right as usual.—J. F. Ammann, Edwardsville, Ill.

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

WM. MURPHY,
GROWER AND COMMISSION DEALER IN
Cut Flowers and Florists' Supplies
128 East Third Street,
Phones Main 980 West 1191-R **CINCINNATI, OHIO.**
Mention The Review when you write.

DO YOU KNOW THAT THE MOST SUCCESSFUL growers of cut flowers are those who sell their own stock?
Why Don't You? Go see THE FLOWER GROWERS' MARKET, 60 Wabash Avenue, CHICAGO, or address—
PERCY JONES, Manager.
Mention The Review when you write.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
ROSES, CARNATIONS AND FERNS A SPECIALTY. : : :
128 East 3rd St., **CINCINNATI, OHIO.**
Solicits your orders with confidence that he can serve you to your entire satisfaction.
Mention The Review when you write.

Michigan Cut Flower Exchange.
WM. DILGER, MANAGER.
FANCY FERNS, $1.00 per 1000.
DAGGER FERNS, 90c per 1000.
38-40 Miami Avenue, Detroit, Mich.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention the Review when you write.

H.G.Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

J. M. McCULLOUGH'S SONS,
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
Mention The Review when you write.

All Flowers in Season
CONSIGNMENTS SOLICITED
Prompt returns and best of care given all consignments.
C. E. CRITCHELL,
WHOLESALE COMMISSION FLORIST,
36 EAST THIRD ST., Cincinnati, Ohio.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Aug. 24.

		Per 100
Beauties, Specials		$25.00
" Extra	15.00 to	20.00
" No. 1	10.00 to	12.00
" Shorts	3.00 to	5.00
Brides and Maids Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Golden Gate	2.00 to	4.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	4.00
Perle	2.00 to	3.00
Sunrise	2.00 to	3.00
Carnations, Common		.50
" Selects	.75 to	1.00
" Fancies	1.50 to	2.50
Adiantum Cuneatum	.75	1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprays	4.00 to	5.00
" Sprengeri, "	2.00 to	3.00
Asters	.50 to	3.00
Dahlias	2.00 to	4.00
Daisies	.35 to	1.00
Gladiolus	2.00 to	4.00
Lilium Longiflorum	10.00 to	15.00
Smilax	10.00 to	12.50
Tuberoses	2.00 to	3.00

Pittsburg, Aug. 24.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	12.00 to	15.00
" No. 1	6.00 to	10.00
" Shorts	3.00 to	5.00
Brides and Maids	2.00 to	6.00
Cusin	2.00 to	4.00
Kaiserin	2.00 to	10.00
Liberty	3.00 to	6.00
Mme. Chatenay	2.00 to	4.00
Carnations, Common	.50 to	1.50
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	3.00
Asters	.50 to	3.00
Gladiolus	2.00 to	4.00
Lily of the Valley		4.00
Smilax	10.00 to	12.00

Photographs.

SEND a picture of your place to the Review for publication.

SEND a picture of any well executed floral design or decoration.

SEND a picture of any well-grown specimen plant or house of plants.

The photographs need not be anything more than good, "sharp" pictures, that is, clear in detail. Be sure to write your name and address on each one.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, **ST. LOUIS, MO.**
THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 2018 M.
Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ALEXANDER McCONNELL, 546 Fifth Avenue, Cor. 45th St., N.W. New York City.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Cable Address: ALEXCONNELL. WESTERN UNION CODE. Telephone Calls: 340 and 341 38th Street.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 385.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2189. COR. 14th and H STS.

S. B. Stewart,

No. 119 16th Street, OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

THE NEW

SEASON

..IS NOW..

At HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Young & Nugent,

42 West 28th Street,

Tel. 2065 Madison Sq. New York City

ROSES, GARDENIAS, CATTLEYAS, CARNATIONS, and all seasonable Novelties. The best in the market, supply unlimited. Orders from out-of-town florists for Steamers, Commencements, Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write Us.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.
Long Distance Phone Lindell 196 M.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.



HARDY CUT FERNS

Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) Philadelphia.

L. BAUMANN & CO.

76-78 Wabash Ave., CHICAGO,

Importers and Manufacturers of

FLORISTS' SUPPLIES.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.

WRITE FOR NEW CATALOGUE.

REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

Tel. 3053 Madison Square.

Hanfling & Kleppner,

Manufacturers and Importers of all kinds of

WILLOW AND FANCY BASKETS

and FLORISTS' SUPPLIES,

114 West 28th Street, Between 6th and 7th Aves., New York.

A nice lot of FICUS

From 18 inches to 36 inches, at

A GREAT BARGAIN.

WRITE

GEO. A. KUHL, PEKIN, ILL.

CHEAP GREENS.

Cannot one of your many expert contributors give some information anent florists' greens? I do not mean smilax, Sprengeri, asparagus, ferns, selaginella, etc., which we all know about more or less (especially less), but about some greens that can be grown in odd corners or under benches so that they do not occupy valuable glass space and are therefore cheap? Customers are constantly asking for some green that can be "thrown in," so that this demand is really a tax. I recollect when living in Paris some forty odd years ago, that all the bouquets and designs in the florists' windows were made up with abundance of green; in fact, in Germany, France and Italy flowers in any form are not regarded as tasteful and complete without an abundance of green. This is more the case on the continent, where the sunny skies resemble our own, than in London, where the bright colors of flowers are a greater relief in the dark, leaden days. Cannot some true lover of the florists' art help us out? I have Scott's Manual but that says nothing on the subject applicable to my wants. I have two faults to find with Scott's Manual; it is so good that there is not enough of it, and there ought to be some blank pages at the beginning or end for making notes for future reference. I have had my copy rebound with blank pages inserted. A. B.

CINCINNATI.

The Market.

Business has been very good during the past week and at the present time things look very favorable. Funeral work was the cause of the increased demand. The long dry spell has at last been broken, but the damage caused by the lack of rain for such a long time has been considerable and has resulted in much loss to many florists.

The supply of all kinds of cut flowers is light. While the cut of short-stemmed roses is increasing, there are but few long ones, not nearly enough to supply the demand. Long-stemmed Kaiserins are in good demand at high prices. Beauties are coming in fine shape. They seem to be doing very well with many grown this year. Some as long as thirty inches are being cut and bring $2.50 per dozen. Shorter grades are in good supply and sell well. Other red roses are not very plentiful and those that do come in are of poor quality.

There is not much change in the carnation market. There is an increase in the supply of field-grown blooms, but long-stemmed flowers are very scarce. A very few are being cut from plants that have been left in the houses over summer, and their quality is very fair, but aside from that there are none. Some very good asters are to be had and bring good figures, but by far the majority of the stock coming in is of an inferior quality. Even at that they sell well and white ones especially are not equal to the demand. Gladioli are moving better. The supply is about the same as last reported but the demand for them is much better. Some very fine ones are seen. Tuberoses are in good supply and sell reasonably well. The scarcity of other white flowers proved of benefit in moving them. Green goods are the same as last reported.

Various Notes.

The Hamilton County fair that was held at Oakly last week brought out a lively competition between three of our florists. The main exhibitors were Henry Schwarz, J. F. Conger and George & Allan. In the best single design, some very nice work was exhibited. H. Schwarz was first, George & Allan second and J. F. Conger third. The prizes were all worth winning and the exhibition as a whole was much better than one expects to see at a fair.

Fred Gear has gone to St. Louis to have a look at the Fair. W. H. Gear has just returned from a visit at Mt. Clemens. C. J. OHMER.

ST. PAUL.

A Heavy Storm.

Saturday night, August 20, this city was visited by a tornado which uprooted, broke and split hundreds and hundreds of the largest and finest shade trees in all parts of our city. Whole blocks were covered with them and also with broken telegraph wires, poles, bricks from fallen chimneys, etc. In the business district the number of smashed plate glass front windows will reach into thousands. As a matter of course, the florists suffered a great loss. E. F. Lemke has one house entirely destroyed and so has Henry Puvogel. His place looks simply awful; not only glass and rafters went up in the air, but the frame with heavy posts were moved by the fierce storm. W. Fleischer's large brick chimney came down, falling across the office and smilax house, making a total wreck of it. C. Hansen, on Dale and Como streets, lost his elevated rose house and a lot of glass. From the rest I could not get any information, as all phones are out of order.

Fifteen thousand square feet of glass were smashed by the storm at the greenhouses of August Swanson at Merriam Park. A large brick chimney and wind mill were blown down and the roofs of the greenhouses were also carried away. Mr. Swanson estimates his loss at fully $3,000.

The tornado was accompanied with hail and a big cloudburst, transforming all lower streets and places into lakes and rivers inside of ten minutes. Some of our parks suffered greatly and it will take many years to have all these trees replaced in same size and shape. This is the first experience of its kind for St. Paul in its fifty years' experience, and we trustfully hope it will not return for the next fifty years to come.

C. BUSSJAEGER.

SAGINAW, MICH.—Henry W. F. Goetz has returned from a trip to Hinsdale, Ill., accompanied by a bride. Mr. Goetz is a son of J. B. Goetz and was for a time employed by Bassett & Washburn at Hinsdale, where he met Miss Hermine Miller. The wedding was August 11.

WE are very much pleased with the REVIEW and always find much information in it.—D. A. VINCENT, Ionia, Mich.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE cornuses nearly all do well in shady situations.

THE liquidambar and the white oak are two large trees which do well in low, damp places.

THE nursery industry in the United States represents an investment of nearly $60,000,000.

THE demand for the better grade of stock, both fruit and ornamentals, is steadily on the increase.

THERE are 16,000,000 peach trees in Georgia approaching the bearing stage, and still planting goes merrily onward.

JOHN GEE, foreman for the Robinson nursery, Bloomington, Ill., fell from a train near Joliet, Ill., August 18, and was severely injured.

WILLIAM GIBBS, foreman of the Phœnix Nursery Co., Bloomington, Ill., has made an extended visit to Arizona, Utah and Colorado this season.

THE osmanthus is an uncommon hardy evergreen which deserves to be more widely planted. The foliage resembles the holly, though smaller and not so stiff, and it transplants easily.

THE American Pomological Society has appointed committees to make a study of the various phases of fruit growing for which special advantages are afforded by the exhibits at the World's Fair. The work of the commitees will be published in pamphlet form.

MANSFIELD, PA.—Mrs. Robert Crossley has a fine business and 16,000 feet of glass. Carnations are largely grown, with some roses, palms, ferns and bedding stock. Considerable space is also given to lettuce.

ANOKA, MINN.—Hail at 4 o'clock on the morning of August 21 broke 600 lights of 16x16 double strength glass in the greenhouse of the Pratt-Ford Company. The houses were just planted to carnations and the stock was cut up quite badly. The Kimball greenhouses lost about 400 lights. Carnation plants looked fine in this section and those which escaped the hail give excellent promise.

PEONIES.

Festiva Maxima ..... $35.00 per 100
Fine White, generally called Queen Victoria..... 9.00 per 100
Rose, the tall-growing, heavy-blooming variety..... 6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

CALIFORNIA PRIVET

400,000, 1 year, 2 to 4 branches, 12 to 18 inches.
300,000, 2 year, 4 to 8, " 20 to 24 "
250 0 0, 2 year, 6 to 10, " 24 to 36 "
50 000 2 year, 6 to 12, " 36 to 48 "
25,000 3 year, 8 to 12, " 36 to 48 "

Two and three years. Has been transplanted. Write for Trade List and Prices.

J. H. O'HAGAN, River View Nurseries, Little Silver, N. J.

CLEARING OUT

SALE OF NURSERY STOCK

Land taken into the city cause for wanting to sell the entire Nursery Stock in one lot or part. A good bargain to anyone who will buy the entire lot. Stock is all merchantable size.

6,200 Shade Trees—Ranging from 7 to 15 feet, average 12 feet, mainly comprising Sugar and Norway Maples, Linden, Elms, Horse Chestnut, etc.
4,900 Evergreens—Spruce, Arbor-vitae and Retinospora, in variety, ½ to 10 feet high.
5,400 Shrubs—In variety, 1 to 4 feet high.
300 Yucca—Strong, 6-year-old Clumps.
300 Privets—Standards, nice heads, 6-year-olds.
400 " Round Bushes, shorn 6-year-olds.
30,000 " Heavy, for Hedging, 3-year-olds.
100,000 " Strong, for Hedging, 2-year-olds.

SEND FOR LIST

C. RIBSAM & SON, Trenton, N. J.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES

Mention The Review when you write.

Apple Seedlings, Apple Grafts

FOREST TREE SEEDLINGS, GENERAL NURSERY STOCK

WE ARE PREPARED to furnish Nebraska or Kansas-grown Apple Seedlings, and will contract to furnish piece root or whole root grafts in quantities. We issue no retail catalogue, and want replies from nurserymen or planters who buy in large quantities. Wholesale Price List ready Sept. 1. Satisfaction guaranteed.

SHENANDOAH NURSERIES,

D. S. LAKE, Prop. SHENANDOAH, IA

Mention The Review when you write.

POT-GROWN

Strawberry Plants!

CLYDE, GLEN MARY, BUBACH HAVILAND, SHARPLESS, BRANDYWINE, $2.50 per 100 ——— $20.00 per 1000

CASH WITH ORDER.

J. H. RAINSBURY, Bernardsville, N. J.

Mention The Review when you write.

PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Always mention the Florists' Review when writing advertisers.

Always mention the Florists' Review when writing advertisers.

Palms, Ferns, etc.



A Point to Remember.

A Point to Remember

When ordering Palms, Ferns, etc.,
IS QUALITY.
WE STAND FOR QUALITY,

Assuring you that our stock has never been as large nor in such excellent condition.

Another Point is Freight Rates

and time in transit,
our favorable location gives you cheap rates and quick delivery.

Order Now! before cold weather compels shipping by express.

WHOLESALE PRICE LIST.

LET US HAVE YOUR ORDER NOW FOR IMMEDIATE OR FUTURE SHIPMENT.

Variety	Size inches	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Kentia Belmoreana	4	15-17	5-6	....	$4 00	$30 00
" "	5	18-20	5-6	....	7 50	60 00
" "	6	22-24	6	$1 00	....	.....
" "	6	22-24	6-7	1 50	....	.....
" "	7	32-36	6	2 00	....	.....
" "	8	34-36	6	3 00	....	.....
" "	9	34-40	6	5 00	....	.....
" "	10	40-46	6-7	7 00	....	.....
Kentia Forsteriana	4	20-22	4-5	....	4 00	30 00
" "	5	24-27	4-5	....	7 50	60 00
" "	6	26-30	5	1 00	....	.....
" " made up.	7	30-36		1 50	....	.....
" " "	7	34-38		2 50	....	.....
" "	8	42-48		3 00	....	.....
" "	7	34-38	5	2 00	....	.....
" "	8	36-40	5	4 00	....	.....
" "	10	58-64	6-7	8 00	....	.....
Areca Lutescens	4	14-16		....	3 00	.....
" "	5	20-26		....	5 00	.....
" "	6	26-30		....	9 00	.....
" "	7	32-36		1 00	....	.....
" "	8	34-38		2 50	....	.....
Latania Borbonica	5	14-16	4-6	....	5 00	35 00
" "	6	16-18	5-6	....	7 00	45 00
" "	7	18-20	7-8	....	12 00	75 00
Phoenix Canariensis	12	46-52		5 00	....	.....
Ficus Elastica	4	10-12		....	3 00	.....
" "	5	14-18		....	4 00	.....
" " branched	5			....	6 00	.....
" " "	7			1 00	....	.....
Araucaria Excelsa	4	tiers	2-3	....	6 00	.....
" "	5	"	3-4	1 00	....	.....
" "	6	"	4-5	1 25	....	.....
" "	6	"	5	1 50	....	.....
" " compacta.	6	"	3	1 50	....	.....

Variety	Size inches	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Cocos Weddeliana	3			....	$2 50	.....
" "	5			$1 00	....	.....
Pandanus Vietchii	5			1 00	....	.....
" "	6			..	15 00	.....
" "	8			2 00	24 00	.....
" Utilis	5			....	5 00	.....
Nephrolepis Bostoniensis	4			....	2 00	.....
" "	5			....	3 00	.....
" "	6			....	6 00	.....
" "	7			....	9 00	.....
" "	8			1 00	....	.....
" "	10			1 50	....	.....
" Piersoni	7			....	9 00	.....
Dracaena Indivisa	4			....	....	10 00
" Fragrans	4			....	3 00	.....
" "	5			....	6 00	.....
" "	6			....	9 00	.....
" "	7			....	12 00	.....
" Massangeana	5			....	12 00	.....
Asparagus Plumosus	2			....	....	3 00
" "	3			....	1 00	7 00
" "	4			....	1 50	.....
" "	5			....	2 50	.....
" "	6			....	4 00	.....
" Sprengeri	2			....	....	3 00
" "	3			....	75	6 00
" "	4			....	1 50	10 00
" "	5			....	2 50	20 00
" Decumbens	2			....	....	4 00
" "	3			....	....	8 00
" Scandens Def.	2			....	....	4 00
" "	3			....	....	8 00
Ferns for Dishes	2			....	....	3 00
" "	3			....	....	8 00
Fern Balls				....	4 20	.....
Cycas Revoluta				25c to $4.00 each		

The GEO. WITTBOLD CO.

1657 Buckingham Place. CHICAGO.

100,000 Field-Grown Carnation Plants.

ALL THE STANDARD VARIETIES.

Strong, healthy and well-grown plants. Can make Shipments now, or book orders for early Fall delivery.
PRICES AND LIST ON APPLICATION.

THE LEO NIESSEN CO., 1217 Arch St., Philadelphia, Pa.

TORONTO.

The Market.

Trade during the last few weeks has been a considerable improvement over July and it would look as though the fall business, which usually commences in September, had made itself felt in August. During the last week there has been a large amount of funeral work, and this may have had considerable to do with the improvement of business. All kinds of flowers are very scarce, especially roses and carnations. Good white asters are scarce. Sweet peas of good quality find ready sale and gladioli have also moved fairly well during last week, while what few dahlias are coming into the market are picked up at once.

The weather has been very much against outdoor stock, as the continual rain has had a very injurious effect on blooms in developing. Should the weather dry up and we get good September weather there should be a big stock of asters and other outdoor flowers, as the season has been very favorable for growth of plants.

Various Notes.

The Toronto delegates who were at Ottawa convention seem to have settled down again to the regular routine of business, notwithstanding the severe shaking up they received at the hands of the eastern men before they got away from Ottawa on that memorable Thursday night. The Toronto boys all look back on the Ottawa convention as the best yet and intimate that if the Montreal convention next year beats it those at the head of affairs will have to keep moving.

H. G. Dillemouth, manager of Dunlop's store, is back to business, after his vacation, looking hale and hearty.

We understand that Miss Miller, daughter of F. C. Miller, of Miller & Sons, Bracondale, is about to open a store on College street.

J. H. Cobb, of Peterboro, was a visitor to the city during the week. D. J.

WATERLOO, IA.—Charles Sherwood will erect a modern greenhouse next season.

SURPLUS
CROCKER CARNATION PLANTS
4,000 No. 1 Field-grown Plants.
$4.00 per 100——$35.00 per 1,000.
J. W. DUDLEY & SON, PARKERSBURG, W. VA.
Mention The Review when you write.

FIELD-GROWN
CARNATION PLANTS.
Send for my list of varieties and prices.
SOL GARLAND, Jr., Des Plaines, Ill.
Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Maceo	crimson	6c
Enchantress	light pink	10c	Floriana	pink	5c
Lawson	pink	7c	Ethel Crocker	pink	5c
Mrs. Potter Palmer	scarlet	6c	Eldorado	yellow	5c
Chicago	red	6c	Success	light pink	5c
J. H. Manley	scarlet	6c	Oriole	scarlet	5c
Mrs. E. A. Nelson	pink	6c	Mermaid	pink	5c
Gov. Roosevelt	crimson	6c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.
Mention The Review when you write.

NEW SCARLET CARNATION
THE CARDINAL!
AN IMPROVED ESTELLE IN EVERY RESPECT.
Winner of 1st PRIZE, BEST 100 SCARLET, AT DETROIT.
READY JANUARY 1. $12.00 per 100; $100.00 per 1000.
INTRODUCERS { E. G. HILL CO., Richmond, Ind.
S. S. SKIDELSKY, Philadelphia, Pa.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

60,000 FIELD-GROWN
Carnations.
CLEAN, HEALTHY PLANTS.

	Per 100
Enchantress	$8.00
Lawson	$5.00 to 7.00
Flora Hill	4.00 to 6.00
Guardian Angel	4.00 to 5.00
Morning Glory	5.00 to 6.00
Prosperity	6.00

Also others.
Write for prices on large lots.
W. H. WATSON,
LAPEER, MICH.
Mention The Review when you write.

FIELD-GROWN
CARNATION PLANTS.

8000 Queen Louise	$5.00 per 100;	$45.00 per 1000
2000 Enchantress	8.00 "	75.00 "
1000 Norway		6.00 per 100
500 Prosperity		6.00 "

CASH WITH ORDER.
W. E. HALL, - CLYDE, OHIO.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN
Carnations.
Extra strong, healthy plants.
Queen Louise, Norway, White Cloud, Lorna, Prosperity, Flora Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Ready for immediate shipment. All of the above varieties, $6.00 per 100; $50.00 per 1000.
ORDER NOW.
Price quoted is for first-class selected stock. Can supply cheaper grades if desired.
CHAS. W. McKELLAR,
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

Field-Grown Carnations.
Strong Healthy Plants.

Lawson	$6.00 per 100;		$50.00 per 1000	
Flora Hill	5.50	"	45.00	"
White Cloud	5.00	"	40.00	"
Guardian Angel	5.00	"	40.00	"

CASH WITH ORDER.
OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.
PETERSON AVE., NEAR ROBEY ST.
Mention The Review when you write.

CARNATIONS.
STRONG FIELD PLANTS.

12,000 LAWSON	per 1000,	$50.00
10,000 WHITE CLOUD	"	45.00
10,000 FLORA HILL	"	45.00

IMMEDIATE DELIVERY.
WEILAND & RISCH,
59 Wabash Avenue, CHICAGO
Mention The Review when you write.

CARNATION PLANTS

FINE, HEALTHY STOCK. NO STEM-ROT.

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	4 00	35 00
Higinbotham, pink	5 00	45 00
Flora Hill, white	4 00	35 00
White Cloud, white	5 00	45 00
Queen Louise, white	5 00	45 00
Peru, white	5 00	45 00
Joost, pink	4 00	35 00
Lord, pink	4 00	35 00

Rose Plants

Bridesmaid, Bride and Ivory, large, clean stock, $18.00 per 1000.

George Reinberg

51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00 per 100;	$50.00 per 1000	
Queen Louise	6.00 "	50 00	"
Mrs. Geo. Bradt	6.00 "	50.00	"
Norway	6.00 "	50.00	"
Flora Hill	5 00 "	40 00	"
Joost	5.00 "	40.00	"
Genevieve Lord	5.00 "	40.00	"
Mac Richmond	5.00 "	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots, $8.00 per 100

Golden Gate Roses, strong, 4-in. pots 8.00 "

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
QUEEN	"	6.00
LAWSON	"	6.00
FAIR MAID	"	6.00
ELMA	"	6.00
MORNING GLORY	"	5.00
MACEO	"	5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

Mention The Review when you write

A'ways mention the Florists' Review when writing advertisers.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots ..... per 100, $18.00

Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots ..... per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots ..... per 100, $7.00

Brides, Maids, Perles, Golden Gates, 3-in. pots ..... per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

The Best is the Cheapest in the End

52,000 Large, Bushy, Healthy, Field-grown Pink Plants Now Ready.

	Per 100	Per 1000
Enchantress	$8.00	$75.00
Harry Fenn	8.00	70 00
Gov. Wolcott	8.00	70.00
The Queen	8.00	70.00
Queen Louise	7 00	60 00
Boston Market	7.00	60.00
Floriana	7.00	60 00
Lilian Pond	7.00	60.00
Joost	6.00	50.00
Goodenough	6.00	50.00
The Marquis	6.00	50.00

	Per 100
White Lawson	$14.00
Mrs. M. A. Patten	14.00
Fair Maid	8.00
Cervera	5.00
Morning Glory	6.00
Crane	6.00
Maceo	6.00
Marshall Field	8.00
Dorothy Whitney	8.00
May Naylor	7.00
Her Majesty	7.00

250 AT 1000 RATE. CASH.

C. L. HOWE, Carnation Specialist, Dover, N. H.

Mention The Review when you write.

Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
LAWSON	$6.00	$50.00	FLORA HILL	$5.00	$45.00
ROOSEVELT	6. 0	50.00	PERU	5.00	45.00
GOV. WOLCOTT	6.00	50.00	TRIUMPH	5.00	45.00
PROSPERITY	6.00	50.00	CRANE	6.00	50.00

J. A. BUDLONG, 37 and 39 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

NEED A FIRST-CLASS COMMERCIAL WHITE?

FRED BURKI

IS THE ONE.

Has scored 88 points at the Detroit Carnation Convention, having been awarded a Certificate of Merit. Orders will be filled strictly in rotation.

$12.00 per 100; $100.00 per 1000.

JOHN MURCHIE, SHARON, PA. S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

H. Weber & Sons

CARNATIONS!

Oakland, Md.

Mention The Review when you write.

100,000 Field Carnation Plants

One of our customers, to whom we sent 3000 carnation plants, said: "We compliment you on on the quality of your plants," and ordered 1000 more.

1st size, $7 per 100; 2nd size, $5 per 100.

Lawson, Nelson, Floriana, McKinley, Fair Maid, Morning Glory, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Bradt, Maceo, Gomez, Crane, Adonis.

Roses 2¼-inch rose pots $3.00 per 100; $25.00 per 1000. Bride, Bridesmaid, Golden Gate, Ivory.

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Smilax.

Extra strong, healthy stock

From 2-in., $1.00 per 100; $9.00 per 1000. Cash with order.

JOHN C. HATCHER, AMSTERDAM, N. Y.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Lillian Pond	$6.00	$50 00
Gov. Wolcott	6 00	50.00
Her Majesty	6.00	50 00
Marian	5 00	45 00

White:	Per 100	1000
Queen Louise	$5.00	$45.00
White Cloud	5 00	45.00
Pink:		
Enchantress	8.00	70 00

Pink:	Per 100	1000
Fair Maid	$6.00	$50.00
Alpine Glow	6 00	50.00
Lawson	6 00	50.00
Mrs. Nelson	5.00	45.00

Pink:	Per 100	1000
Floriana	$5.00	$45.00
Variegated:		
Prosperity	6 00	45 00
Gaiety	6 00	45.00
Marshall Field	7.00	....

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

Mention The Review when you write.

DENVER.

Business has been very quiet during the past two months, but is now assuming an air of activity, partially perhaps because there are a few good things now coming into market. There has been an enormous lot of common outdoor stuff which finds but little market. Mauff and the Park Floral Co. have been cutting Beauties, for the past month, which are very creditable for the time of year and are now finding a ready sale. Mauff is also cutting a few Queen of Edgely and thinks a lot of it. Benson has been cutting carnations almost the whole summer from his new houses. They were planted out in the spring on solid benches and later on a new roof put over them. This mode of culture has always proven very satisfactory out here, the principal advantage being a fairly long stem from the start and a fresh-looking, good-colored flower entirely different to those cut from field-grown plants at the same time.

Several of the growers have been adding to their establishments the past summer and a general improvement has kept the progressive ones busy. All are looking forward to and preparing for a prosperous season. Some of the sanguine ones are going into it pretty hearty. Perhaps the satisfactory business of last season makes the coming one look propitious. Hall, Davis Bros., Benson and Brinkert have all nearly completed their additions. The latter has increased his carnation capacity by 10,000 feet and is now ready for housing.

Ben Boldt, while not adding to his greenhouse capacity at Mud Lake, is making considerable improvement. His new wagon, while an elephant in capacity, is a beauty in appearance and a credit to any floral establishment. It is destined to haul the bulk of his plants to the retailers in the city and is well equipped for that purpose.

The majority of the florists who have been out of the city seeking recreation are now back and in harness. Mr. Valentine has just returned from the convention and speaks very highly of its success.

The Park Floral Co. bowling contest terminated on the first of the present month. R. S. Mahan was the winner of the trophy, having made the highest increase from the first of January, when the contest started. Mr. Mahan is proprietor of the Alpha Floral Co., a comparatively new member of the profession, and an enthusiast in bowling matters. He increased his bowling average in the tournament from 124 per game to 154. The following were the successful winners by months: January, Frank Fraser; February, Harry Betz; March, R. S. Mahan; April, Harry Betz; May, J. A. Valentine; June, John Berry; July, Chas. Benson.

GREAT DIVIDE.

EATON, O.—S. J. Galloway has bought six acres of land for planting to hardy herbaceous plants and ornamentals for the wholesale trade.

Indianapolis

See what Others Think of It

TESTIMONIAL.

HARTFORD, CONN., April 20, 1904.
MESSRS. BAUR & SMITH, Indianapolis, Ind.

GENTLEMEN:—I have been much pleased with the behavior of a trial lot of "Indianapolis" sent me last Spring.

Owing to a wet season it was necessary to house very early when the plants were small: however, this treatment seemed to suit them exactly for they made rapid growth and have been magnificent plants all winter.

The habit is ideal, stems extra long and of a nature to carry the flower gracefully.

From what our customers say of its color and keeping qualities, together with my experience with its blooming qualities, I should recommend it as a first-class commercial variety. I might add that cuttings produced are sturdy and root easily. Very truly yours,

GEO. S. OSBORN.

We have about 5000 fine Field-Grown Plants to sell this Fall at **$12** per 100; **$100** per 1000. First come, first served.

BAUR & SMITH,

330 W. 38th Street,

INDIANAPOLIS, IND.

Mention The Review when you write.

FIELD-GROWN CARNATIONS!

RELIABLE STOCK.

Harlowarden, Estelle, Enchantress, Palmer, Nelson	$50.00 per 1000
Lawson, Norway, Guardian Angel, Joost, Morning Glory, Melba, Scott, Genevieve Lord	$45 00 per 1000

Less lots 1c higher. Cash with order.

PERCY JONES, Flower Growers' Market,
60 Wabash Ave., CHICAGO.

Mention The Review when you write.

ROSES.

10,000 2½-in. Maids	$20.00 per 1000
10,000 3½-in. Brides	40.00 "
10,000 3 and 3½-in. Beauties	$5.00 per 100, $45.00 per 1000.
2½-in. Beauties	$35.00 per 1000
2,500 3½-in. Gates	40.00 "
500 3½-in. Franz Deegen	4.50 per 100 "
1.500 3½-in. Perles	4.50 "
15 000 2½-in. Stevia	2.00 "
Stevia R. C.	$1.50 per 100, 12.00 per 1000

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

Pink:	Per 100	Per 1000
MRS. T. W. LAWSON	$6 00	$50 00
MRS. NELSON	5 00	45 00
MRS. INE	4 00	35 00
GUARDIAN ANGEL	4 00	35 00
McKINLEY	6 00	50 00
Light Pink:		
MRS. HIGINBOTHAM	4 00	35 00
White:		
FLORA HILL	5 00	45 00
PERU	6 00	50 00
WHITE CLOUD	5 00	45 00
GOV. WOLCOTT	6 00	50 00
NORWAY	5 00	45 00
QUEEN LOUISE	6 00	50 00
Red:		
CHICAGO	6 00	50 00
ESTELLE	6 00	50 00
HARLOWARDEN	6 00	50 00
Maroon:		
ROOSEVELT	6 00	50 00
Variegated:		
MRS. BRADT	6 00	50 00

Rose Plants

Strong stock, from 2½-inch pots.

LOW PRICES TO CLOSE OUT

UNCLE JOHN

THE FINEST PINK ROSE yet introduced, BEAUTIFUL COLOR, FREE BLOOMER, BEST MONEY MAKER.

$20 per 100; **$150** per 1000.

	Per 100	Per 1000
GOLDEN GATE	$2 50	$20 00
3-inch pots:		
CHATENAY	5 00	40 00
BRIDESMAID	3 50	30 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots.....2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $4.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens.....3.50 each
10-inch pans, fine specimens.....5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3.00 per 100	$ 25.00 per 1000
3 -inch pots	6.00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140.00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $35.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

15,000 EXTRA FINE ROSE PLANTS

3-inch pots, propagated for our own use, Bride, Bridesmaid, Golden Gate, Ivory, Meteor, $4.00 per 100; $35.00 per 1000.

A. GUDE & BRO.

1124 F Street N.W., WASHINGTON, D. C.

Mention The Review when you write.

ROSES CLOSING OUT PRICES.

2¼ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

Mention The Review when you write.

Perles, Am. Beauties

Brides, Maids, Golden Gates, Ivory, La France, Carnot.

Boston and Piersoni Ferns, Sprengeri and Plumosus—All sizes, 2½, 3, 4 and 5-inch. Ready to shift. Send 50c or $1.00 for samples of sizes you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

3-inch ROSES Strong, healthy plants Low Closing Prices

	100	1000
Brides, Maids, Ivory, Gates	$3.50	$30.00
Perles	5.00	45.00
Beauties, special	4.00	40.00
Kaiserins, extra fine	6.00	
2½-inch—Brides Ivory	2.50	20.00
2½-inch—Beauties	3.00	25.00

Very low prices for very good plants. Order at once. Stock will not last long at such figures.

W. H. GULLETT & SONS, Lincoln, Ill.

Always mention the Florists' Review when writing advertisers.

5000 SMILAX!

Extra strong, out of 2¼-inch pots, cut back three times, send for sample. $15.00 per 1000, $2.00 per 100. 500 at the 1000 rate.

THOMAS H. PATTERSON & CO.

278 Old York Road, BALTIMORE, MD.

Mention The Review when you write.

Begonia Gloire de Lorraine.

Nice 2-inch stock.....$12.00 per 100.
3-inch stock, fine specimens..... 35.00 "
5-inch stock..... 75.00 "

A. JABLONSKY,

Wellston, — ST. LOUIS, MO.

Mention The Review when you write.

GIANT DOUBLE ALYSSUM

In 3-inch pots, bushy plants.....$2.50 per 100

SMILAX, bushy plants, 3-inch pots, $2.00 per 100.

SPRENGERI, 6-inch pots, four years old, $6.00 per 100.

Cash with order.

G. W. RENARD & BRO., Avondale, Pa.

Mention The Review when you write.

CARNATIONS!

We have the following field-grown plants, very heavy, thrice selected before planting out on maiden land, no disease, perfectly clean:

800 Lillian Pond, 5c; 150 Estelle, 5c; 200 Red Jacket, 5c; 700 Boston Market, 6c; 1000 Wolcott, 5c; 100 Queen, 8c.

P. R. QUINLAN & CO., Syracuse, N. Y.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

AA SEEDS...

PRIMROSE IMPROVED CHINESE

Finest grown, large-flowering, fringed, single and double, 15 varieties, mixed, 500 seeds, $1.00; half-pkt., 50c. Have the varieties separate also.

DAISY Double Giant, mixed, 1000 seeds, 25c.

CINERARIA Finest large-flowering dwarf in best mixture, 1000 seeds, 50c.

PANSY GIANT The finest large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50c.

500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of Giant Pansy Seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at **$1.00** each.

DENYS ZIRNGIEBEL, Needham, Mass.

Mention The Review when you write.

VIOLETS

Imperial, an improved Marie Louise, from 2-in. pots, $25.00 per 1000; from 3-in. pots, ready in about two weeks, $4.00 per 100; $35.00 per 1000. Lady Campbell, 2-in., $2.00 per 100; 3-in., $35.00 per 1000. Field-grown carnations, write for varieties and prices.

CRABB & HUNTER, Grand Rapids, Mich.

ASPARAGUS SEEDLINGS from flats, reayd for 2-in., strong and thrifty.

PLUMOSUS NANUS, True. $12.00 per 1000; 250 at 1000 rate; $1.50 per 100.

PLUMOSUS, True, $12.00 per 1000; 250 at 1000 rate; $1.50 per 100.

PLUMOSUS NANUS, 2¼-in., ready for benching from open ground, $20.00 per 1000; $2.50 per 100. Prepaid. Cash with order. Large lots, write us.

GILLETT & JAMES,

Yalaha Conservatories, - YALAHA, FLA

Mention The Review when you write.

PITTSBURG.

The Market.

Trade is about the same as last report, except "more so." The boys, however, are getting used to it, and one retailer thought it a joke that he did not have a single sale one day last week. Stock continues generally poor. Carnations have entirely disappeared except outdoor stock, which is of no use on account of the numerous rains.

Various Notes.

We have had many hailstorms in this vicinity during the past week. Some sections report hail as large as walnuts, but there has been no report of losses. However, on August 17 it was so heavy at Millvale that the men at Patrick Maier's ran out of the houses feeling sure that they were doomed.

Ernest Zieger is at home from his trip to Iowa, feeling much improved in health, but with large ideas about the west. If you know Ernest, get him to tell you about the corn.

The Pittsburg Cut Flower Co. is getting some fine Kaiserin and Chatenay roses from Fred Burki, at Bakerstown.

There is a small building boom in this section. Geo. A. McWilliams, of Natrona, is putting up three new houses, each 25x300. He says that you can bet these are above high water mark; one flood is enough for him. Mrs. E. A. Williams is also rebuilding most of her houses, as well as making some additions.

While the veteran, Chas. T. Siebert, has been confined to his room the past two weeks, he has verified the title of "the sleepless and restless florist" by rushing the erection of his new store, corner Beatty and Baum streets, east end. There are to be many new features in this store, which we will tell you about when it is finished.

While there are many rumors every week of new commission houses starting here, it seems an assured fact that J. B. Murdoch & Co. will open this fall. That will make three wholesale cut flower houses for this city. I guess that will hold them for a while. Hoo-Hoo.

Sioux City, Ia.—J. C. Rennison has started a new house, 35x265, for carnations.

FOR THE FALL TRADE. See Wholesale List "No. 5" for complete list of FORCING STOCK and DECORATIVE PLANTS.

	Per 100
ASPARAGUS PLUMOSUS ROBUSTUS	$4.00
ASPARAGUS PLUMOSUS " SPRENGERI	2.00
PTERIS TREMULA	2.50
" ARGYRAEA	2.50
SMALL FERNS for DISHES, full list of best dwarf varieties $25 00 per 1000.	3.00
SMALL PALMS for CENTER PLANTS to Dishes—(2½-inch pots. 6 to 8 inches high)—	
Areca Lutescens	6.00
Kentia Belmoreana	8.00

ARAUCARIA EXCELSA at 50c, 60c, 75c, $1.00, $1.50 each.
BOSTON FERNS from bench—
4-inch pot size .....45c each
5-inch pot size .....25c "
6-inch pot size .....35c "
KENTIAS—Belmoreana and Forsterlana.
LATANIA BORBONICA.
CYCAS REVOLUTA.
Full range of sizes.
In grand condition.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Hardy Pompon Chrysanthemums, Small flowering or Button var... $2.00 per 100.

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, Mme. Conover, Jean Viaud, Granville (single), &c., $2.00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00.	40c	$2.00
Hibiscus, 5 varieties		3.00
Lemon Verbena.....per 1000, $20.00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Maranta Messangeana	75c	4.00
Nymphaea Odorata Gigantea	60c	3.50
Plumbago, Blue and White 3-inch...		3.00
Smilax.....per 1000, $15.00,		2.00
Swainsona Alba	40c	2.00
" Rosea	40c	2.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

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A. Plumosus Nanus.

2¼-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

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8000 GOOD

Chrysanthemums

Fine thrifty plants from 2½-inch pots. Cheap for cash, $2 a 100; $18 a 1000.

Glory of Pacific, Polly Rose, Estelle, Whildin, Monrovia, Halliday, Bergmann, Bonnaffon, Ivory, Robinson, Willowbrook.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

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Boston Ferns—Nice young plants out of 2½-in. pots, $2.75 per 100. Kentia Palms—Cool grown and stocky, 3½-in. pots $12.00 per 100. Coleus—Golden Bedder, Verschaffeltii, and 10 other varieties, 2-in. pots, $2.00 per 100. Stevia—Fine stocky plants, 2-in. pots, $2.00 per 100. Smilax—2½-in. pots, $1.75 per 100; $15.00 per 1000.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns

2½-inch $4.00, 3-inch $8.00, 4-inch $15.00, 5-inch $25.00 per 100; 6-inch 40c, 7-inch 60c, 8-inch 75c each. Piersoni rooted runners reduced to $2.00 per 100.

DAVIS BROS.

Morrison, Ill., and Geneva, Ill.

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Headquarters for ARAUCARIA EXCELSA

5¼-in. pots, bushy plants, 8 to 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 11 to 13 in. high, 3 to 4 tiers, 60c. 5½-in. pots, bushy plants, 14 to 16 in. high, 3 to 4 tiers, 75c. 6-in. pots, bushy plants, 16 to 20 in. high, 4 to 5 tiers, 80c, 90c, $1.00.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 25 to 35 inches high, 75c to $1.00 each.

Cocos Weddeliana—4-in., 15c.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

Asparagus Plumosus nanus—3-inch, strong, $6.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5½-in., 25c to 30c.

Piersoni Ferns—Pot-grown, 4 to 6 fronds, $8.00 per 100; 4-in., 25c.

Areca Lutescens—Made-up plants, large, 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—5½-in. pots, strong, 35c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegata—Variegated grass, $1.00 per doz.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants. Bell Phone Tioga 3669A.

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Cyclamen Giganteum.

Large flowering plants, 3-inch, $5.00 per 100; 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

ASPARAGUS PLUMOSUS NANUS

2-inch pots, $3.00 per 100; 3-inch, $4.00 per 100; Genistas, 3-inch, $4.00 per 100. Primula Chinensis, 3-inch, $3.00 per 100.

SAMUEL WHITTON. 15-17 Grey Ave., UTICA, N.Y.

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August Bargains!

Here is your chance to secure the following first-class stock at rock bottom prices for a few days.

CARNATIONS from field. Our plants are just the right size for planting and shipping, strong, healthy, free from all disease. Francis Joost, Marquis, Prosperity, Lawson, Norway, Glacier, $4.00 per 100; $40.00 per 1000.

GERANIUMS—Strong 2½-inch. J. Viaud, Mrs. E. G. Hill, Beaute Poitevine, S. A. Nutt, Bruanti, $1.50 per 100; $15.00 per 1000.

SMILAX—Strong 2¼-inch. We have the best stock in the market at $1.25 per 100; $10.00 per 1000.

ASP. PLUMOSUS NANUS—Beautiful stock from 2¼-inch pots, $2.50 per 100; $24.00 per 1000.

ASP. SPRENGERI—Strong plants from 2¼-inch pots, $1.50 per 100; $14.00 per 1000.

SPOT CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

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New Geranium Telegraph



4-inch pot plant "Telegraph."

SELLING AGENTS:

HENRY A. DREER .....PHILADELPHIA, PA.
THE E. G. HILL CO.....RICHMOND, IND.
THE LIVINGSTON SEED CO.....COLUMBUS, OHIO.
VAUGHAN'S SEED STORE, CHICAGO and NEW YORK.

Truly the Grandest Introduction to the Geranium family.

Come see it growing at our establishment — INSIDE AND OUT.

THE TELEGRAPH will be SOUGHT BY ALL for CONSERVATORY OR WINDOW AND FOR BEDDING OUT.

A sure money maker for the trade. Telegraph will sell at sight. Its mammoth size, beautiful color, strength of growth and remarkable productiveness, give it a place on the market above all others.

Telegraph is a seedling of 1900; parentage, Mrs. E. G. Hill and Wonder; robust grower; foliage dark green, with zone; flowers, single, of immense size; rich deep orange cerise in color. Has proven gilt-edged through every test during the past four years. Unsurpassed for bedding out. Indispensable for conservatory or window.

It comprises all the qualifications for a good commercial and fancy geranium.

Awarded Certificate of merit by the Dutchess County Horticultural Society, November, 1903, and The New York Florists' Club, April, 1904.

Strong plants, 2¼-in. stock, ready October 1st, $26.66 per hundred.

Order Now, propagate through the winter, offer to your trade next Spring. **You will find Telegraph the best money maker on the market.**

Thos. DeVoy & Son, Poughkeepsie, N. Y.

To-bak-ine Products

Positively kill All kinds of Bugs

Send for our new booklet "WORDS OF WISDOM."

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We have the following in first-class shape. If you are in need of any of these, you cannot do better either in plants or prices.

Asparagus Sprengeri 2½-in. pots, $2.00 per 100; $18.00 per 1000. We have 100,000 of these in fine shape.

Asparagus Plumosus 1¾-inch pots, $2.00 per 100; $18.00 per 1000. This is fine young stuff.

SMILAX—1¾-in. pots, $1.50 per 100; $12.00 per 1000. This is also fine.

Let us have your order at once.

THE GOOD & REESE CO., Springfield, Ohio

THE LARGEST ROSE GROWERS IN THE WORLD.

Boston Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

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Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

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Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pot, $20 per 1000;	$2.50
Sprengeri, October 1st, 2¼-in. pots	2.00
Chinese Primroses, 2¼-in. pots	2.00
Forbesi	2.00
Cinerarias, September 1st	2.00
Pansy Plants, September, $2.50 per 1000	.60
Pansy Seed, large flowering, oz., $4.00.	

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

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NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,

Keap Street Greenhouses, BROOKLYN, N. Y.

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ORCHIDS

ARRIVED—In Superb Condition
Large quantities of Cattleyas in variety. Oncidiums in variety, and a fine lot of
ODONTOGLOSSUM CRISPUM.

Write for special list No. 12.

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OUR IMPORTATION OF

Cattleya Labiata

Has reached us in splendid condition. Write for samples. Don't delay.

Cattleya Percivaliana expected daily.

Price list of **Crotons, Dracaenas, Palms, etc.**, sent on application for Fall delivery.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

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Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

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ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum cuneatum, strong, healthy plants, 4-in., $12.00 100; 3-in., $6.00 100, $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Double sweet alyssum, bushy, outdoor grown, from 2¼-in. pots, $3.00 100.
Nathan Smith & Son, Adrian, Mich.

Alyssum, dbl. giant, 3-in., bushy, $2.50, 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, 3 tiers, 8 to 10 to 11 in. high, 50c; 5½-in., 3 to 4 tiers, 11 to 13 in. high, 60c; 5½-in., 3 to 4 tiers, 14 to 16 in., 75c; 6-in., 4 to 5 tiers, 16 to 20 in., 80c, 90c, $1.00.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 5-in., $1.00 each. Cash or satisfactory references.
D. U. Augspurger & Sons, Peoria, Ill.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

ASPARAGUS.

Asparagus seedlings from flats, strong, thrifty, ready for 2-in. Plumosus nanus, true, $12.00 1000; $1.50 100. Plumosus, true, $12.00 1000; $1.50 100. 250 at 1000 rate. Plumosus nanus, 2½-in., ready for benching from open ground, $20.00 1000; $2.50 100. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

Asparagus plumosus nanus, 3-in., $8.00 100; $75.00 1000; 2-in., $4.00 100; $35.00 1000. A. plumosus nanus seedlings, $2.00 100; $18.00 1000; 5000 lots at $16.00 1000. A. Sprengeri, 2-in., $2.00 100; $18.00 1000; 5000 lots at $16.00 1000. Cash or satisfactory references.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, from flats, $2.00 100; 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong, 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

Asparagus plumosus nanus, 2½-in., $3.00 per 100; $25.00 per 1,000.
Sprengeri, 2½-in., $2.00 per 100; $17.50 per 1,000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¼-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, well established, 2½-in. pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus plumosus nanus, extra fine, 3-in., $5.00 100; $50.00 1000; 4-in., $10.00 100; $80.00 1000; 5-in., 2-yr.-old, $14.00 100; $120.00 1000. Cash.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash, or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus plumosus. Get them while they are cheap and replant your bed; extra strong 3-inch, ready for 5-inch, $5.00 per 100.
Weber Bros., Ironton, Ohio.

Asparagus Sprengeri and plumosus, all sizes; 2½, 3, 4, 5-in., ready for shift. Send 50c or $1.00 for samples of sizes you want.
Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 3-in., $3.00; 4 and 5-in., $6.00 per 100, all extra strong. A. plumosus nanus, 3-in., $4.00. Cash.
N. P. Colberg, Morris, Ill.

Asparagus plumosus nanus. Get them while you can, quick; 2½-in., ready for 4-in. shift, fine as silk, $3.00 per 100. Cash.
McDonald & Steele, Crawfordsville, Ind.

Asparagus plumosus nanus out of 2¼-in. pots, $2.50 per 100. Cash. Ask for price on large lots.
J. H. Fiesser, West Hoboken, N. J.

Asparagus plumosus nanus, extra fine, 2½-in., $6.00 100. Cash.
John Doughty, 200 Kimberly Ave., New Haven, Conn.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri. Strong plants from 2¼-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, about 200 extra fine plants in 3 and 3½-inch pots, 6½c.
R. G. Hanford, Norwalk, Conn.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
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Asparagus plumosus, 3-in., ready to be shifted into 4-in., $2.75; a few 4-in., $7.00.
Robert Buck & Co., Greenfield, O.

Asparagus plumosus nanus, well grown, strong from 2½-in. pots, $2.50 per 100.
A. L. Hatch, Rockledge, Fla.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis Cal.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 6-in., 4-yr.-old, $6.00 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus Sprengeri seedlings, $1.00 per 100; $7.50 per 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus nanus, 2½-in., $2.50 100.
E. Knabe, Frankfort, Ind.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 2-in., $2.50 100.
White's Conservatory, Sandusky, Ohio.

1000 Sprengeri, big 3-in., $25.00. Cash.
Roney Bros., West Grove, Pa.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

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BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

Bay trees. Standards and pyramids, at $10.00 and $15.00 each, according to size.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, nice 2-in. stock, $12.00 per 100; 3-in., fine specimens, $35.00 per 100; 5-in., $75.00 per 100.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

I have a few hundred good healthy Lorraine begonias, 2-in., $1.75 doz.; $12.00 100. Cash.
John Doughty, 200 Kimberly Ave., New Haven, Conn.

Begonias, several good varieties, 2 and 2½-in., $2.50 per 100.
Harmon & Henderson, Iola, Kan.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Berried Plants. Jerusalem cherries, 2-in., ready for 3-in., $1.50 per 100. Christmas peppers, 2¼-in., $2.00 per 100; 3-in., $5.00 per 100. Ready for a shift. Fruit setting.
Harmon & Henderson, Iola, Kan.

Celestial peppers, extra strong, 3½-in., ready for 5-in., fruit setting, $10.00 per 100. Cash, please. Rock Hill Greenhouses, Foxboro, Mass.

Xmas peppers, 100 A No. 1, 3-in., ready for 5-in., fruit setting, 6c; $5.00 for the lot. Cash. Fannie E. Case, Plymouth, Ohio.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

BOUVARDIAS.

Bouvardias, red, white and pink, strong, field-grown, $1.25 doz., $8.00 100.
C. E. Meehan, Musgrove & Slocum Sts., Germantown, Pa.

BULBS.

LILIUM HARRISII. Guaranteed healthy, true, plump, clean stock.

	12	100	1000
5x 7, case 400	$ .50	$ 3.25	$ 30.00
6x 7, case 300	.60	4.50	42.00
7x 9, case 200	1.00	7.50	72.00
9x11, case 100	2.25	15.00	140.00
LILIUM CANDIDUM.			
1st size	.60	4.50	40.00
Mammoth	.75	5.50	50.00
FREESIA. Bermuda or Cal.			
⅜ to ½-inch		.40	3.50
½ to ¾-inch		.65	6.00
¾-inch		1.00	8.00
FRENCH FREESIA.			
1st size		.60	5.00
Mammoth		1.00	9.00
OXALIS. Bermuda buttercup.		.80	7.00
Grand Duchesse, rose, lavender		.90	8.00
Pure white, giant		1.10	10.00
CALLA ETHIOPICA.	12	100	1000
1x1½-inch diameter	$ .50	$ 3.50	$ 30.00
1½x2-inch diameter	.75	5.50	50.00
2x2½-inch diameter	1.00	8.00	75.00
Monster	1.50	10.00	
HYACINTHS. French Roman, white.			
	12	100	1000
11x12	$ .35	$ 2.25	$ 21.00
11x15	.40	2.75	25.00
12x15	.45	2.85	27.00
13x15	.50	3.50	32.00
PAPER WHITES.			
13 cms., true grand	.20	1.00	9.00
13 cms. and up, grand	.22	1.10	10.00
Trumpet Major	.20	1.15	10.00

H. H. BERGER & CO., 47 Barclay St., N. Y.

Japanese-grown FREESIA BULBS, ⅝ to ½-in., packed 10,000 bulbs in a case. Sold in original cases only. Send for prices, which are very reasonable; only a few cases left.
This is the introduction of Japanese-grown freesias in this country. Write or telegraph for a case at once.
Suzuki & Iida, 31 Barclay St., New York, N. Y.

Lilium longiflorum—Bermuda.

Inch.	Case.	100	1000
5 to 7	400	$3.50	$30.00
7 to 9	200	7.00	60.00

Lilium Harrisii—True.

Inch.	Case.	100	1000
5 to 7	400	$4.50	$40.00
7 to 9	200	8.50	80.00
9 to 11	100	18.00	175.00

Full line of fall bulbs. Quality is my first consideration. Send for catalogue—just issued.
A. T. Boddington, 342 W. 14th St., N. Y.

LILIUM HARRISII. Being heavy importers we are in a position to furnish the best quality at the price of some inferior grades frequently offered.

Size.	Case.	12	100	1000
5 to 7	500	$0.75	$ 4.00	$ 36.00
7 to 9	250	1.30	8.00	78.00
9 to 11	100	2.50	16.00	155.00

New wholesale bulb list ready now.
Henry F. Michell Co., Philadelphia, Pa.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Calla bulbs now ready; they are dug when well ripened and cured in the shade up to fine grade. From 1¼ to 1½ to 2 inches in diameter. State amount and size wanted. Will send samples and price reasonable.
Ed. Wagner, 3rd & Madison Sts., Oakland, Cal.

Freesia bulbs, true Bermuda-grown, pure white, 80c 100, $7.50 1000. California callas, all sizes. Samples mailed free. Quotations on French bulbs, to arrive soon, on application.
E. F. Winterson Co., 45-49 Wabash Ave., Chicago.

Poet's narcissus, large, dbl. white, grandiflora; home-grown, acclimated blooming bulbs, the best flower grown next to peonies for Decoration day, $1.00 per 100; $7.50 per 1,000.
F. A. Baller, Bloomington, Ill.

Romans and paper whites, ready now. We have the pick of the French crop. Special large purchases of select crops enable us to sell you the BEST BULBS at lowest price.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Paper whites direct from France; first size, $7.50 1000; grandiflora, $9.50 1000.
N. LePage, Mt. Vernon, N. Y.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Freesia refracta alba bulbs, Bermuda grown, doz., 15c; 100, 90c; 1000, $7.50.
Johnson & Stokes, 217-219 Market St., Phila.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Write for prices.
John F. Croom & Bro., Magnolia, N. C.

Now ready. Lilium Harrisii, longiflorums, freesias, buttercup oxalis.
W. W. Rawson & Co., Boston, Mass.

Spider Lily bulbs, $10.00 per 1,000. Special price on large lots.
T. K. Godbey, Waldo, Fla.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex

Cactus plants and seeds. Orders solicited.
A. B. Nickels, Laredo, Tex.

CARNATIONS.

FIELD-GROWN CARNATIONS.

Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants. Enchantress, Lawson, Fair Maid, The Queen, $6.00 per 100; $50.00 per 1000. White Cloud, Murphy's White, Joost, $5.00 per 100; $40.00 per 1000.
H. F. Littlefield, Worcester, Mass.

52,000 large, bushy field-grown carnations.

	100	1000		100	1000
Enchantress	$8	$75	Fenn	$8	$70
Wolcott	8	70	The Queen	8	70
Q. Louise	7	60	Boston Mkt.	7	60
Floriana	7	60	L. Pond	7	60
Joost	6	50	Goodenough	6	50
Marquis	6	50	W. Lawson	14	
Mrs. Patten	14		Fair Maid	8	
Cervera	5		Morning Glory	6	
Crane	6		Maceo	6	
Field	8		D. Whitney	8	
May Naylor	7		H. Majesty	7	

250 at 1000 rate. Cash.
C. L. Howe, Dover, N. H.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	5.00	45	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Wolcott	6.00	50
F. Hill	5.00	45	Norway	5.00	45
Peru	6.00	50	Q. Louise	6.00	50
W. Cloud	5.00	45	Harlowarden	6.00	50
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

ECLIPSE, our introduction for 1905 is a grand pink carnation, lighter in color than Lawson with no cerise or magenta shadings. Price, $12.00 per 100; $100.00 per 1000. Special price on large lots.

LADY BOUNTIFUL and THE BELLE, $6.00 per 100; $50.00 per 1000. We have large stocks of the three varieties and can guarantee early delivery.

Also the 1904 novelties and the best of the standard sorts.

Our stock is grown to produce strong, healthy cuttings in preference to bloom.
F. DORNER & SONS CO., La Fayette, Ind.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson	$6.00	$50
Wolcott	6.00	50	Nelson	5.00	45
Her Maj'ty	6.00	50	Floriana	5.00	45
Marian	5.00	45	Prosperity	6.00	45
Q. Louise	5.00	45	Gaiety	6.00	45
W. Cloud	5.00	45	Field	7.00	..
Enchant.	8.00	70	The Queen	8.00	75
Fair Maid	6.00	50	Hill	5.00	..
Alpine Glow	6.00	50	Melba	4.00	35
Joost	4.00	35	Crocker	4.00	35

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnations. Good strong plants in A No. 1 condition.

	Per 100		Per 100
Joost	$4.00	Wolcott	$5.00
America	4.00	Marquis	5.00
Cressbrook	5.00	Lillian Pond	5.00
Nelson	5.00	White Cloud	4.00
Flora Hill	4.00	Norway	4.00
Roosevelt	5.00	Sunrise	4.00
Daybreak	4.00	Eldorado	4.00
Glacier	5.00		

J. B. HEISS, Dayton, Ohio.

Carnations, field-grown, strong, healthy, free from disease at following low prices, $5.00 per 100, for varieties listed below:

Glacier	Morning Glory
White Cloud	Guardian Angel
Flora Hill	Marquis
Queen Louise	Crane
Ethel Crocker	Armazindy
Mrs. Joost	Bradt
Prosperity	

G. Van Bochove & Bro., Kalamazoo, Mich.

Field-grown carnations, reliable stock.

	1000		1000
Lawson	$45	G. Angel	$45
Harlowarden	50	Norway	45
Enchantress	50	Joost	45
Estelle	50	Melba	45
Palmer	50	Scott	45
Morning Glory	45	Lord	45

Less lots 1 cent higher.
Cash with order.
Percy Jones, 60 Wabash Ave., Chicago.

SURPLUS CARNATIONS.

2000 Q. Louise	350 Wolcott
1000 Lawson	2000 F. Hill
150 W. Cloud	500 Lorna
200 Daybreak	400 Dorothy
100 Apollo	800 Estelle.

$5.00 per 100; $45.00 per 1000. Cash with order. Limestone land, no stem-rot. I give my personal attention to packing. U. S., Wells Fargo and American express.
W. SABRANSKY, Kenton, Ohio.

Carnations, extra strong, stocky plants. Per 100:

Q. Louise	$ 8.00	Nelson	$8.00
Boston Mkt.	8.00	Lawson	8.00
McGowan	6.00	Joost	6.00
Lord	8.00	Estelle	8.00
Maid	8.00	Fenn	6.00
Enchant., 1st	10.00	Cervera	6.00
Enchant., 2nd	8.00	Gomez	6.00
Prosperity	8.00		

Frank H. Kimberly, New Haven, Conn.

Field-grown carnations. Queen Louise, 1st size, $5.00 per 100; 2nd size, $4.00 per 100. Enchantress, $7.00 per 100. Cash with order.
Leonard Cousins, Jr., Concord Junction, Mass.

FIELD-GROWN CARNATIONS.

	Per 100		Per 100
Enchantress	$8.00	Roosevelt	$5.00
Queen	6.00	Maceo	5.00
Fair Maid	6.00	Bradt	5.50
Floriana	5.00	Prosperity	5.00
Crane	5.00	Lorna	5.00

These are not left overs, but clean, healthy stock grown expressly for the trade. Cash with order.
Wm. A. Dawson, Willimantic, Conn.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$32	M. Glory	$4.50	$38
Jubilee	3.50	32	Peru	4.50	38
Crane	4.00	35	Dayb'k, white	4.50	38
Bradt	4.00	..	Lawson	5.00	45
Glacier	4.50	38	Estelle	5.00	45

500 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

150,000 field-grown carnations.

Q. Louise, white	6c	Maceo, crimson	6c
Enchantress, lt.p'k.	10c	Floriana, pink	5c
Lawson, pink	7c	Crocker, pink	5c
Mrs. Palmer, sc'let	6c	Eldorado, yellow	5c
Chicago, red	6c	Success, lt. pink	5c
J. H. Manley, sc'rlet	6c	Creole, scarlet	5c
Mrs. Nelson, pink	6c	Mermaid, pink	5c
G. Roosevelt, cr'son	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

Carnations from field.

1000 Queen Louise	per 1000,	$40.00
1000 Lawson	" "	50.00
600 Gov. Wolcott	per 100,	6.00
500 Queen	" "	6.00
200 Cressbrook	" "	4.00
500 Marquis	" "	4.00

Quidnick Greenhouses, Anthony P. O., Quidnick, R. I.

Surplus carnation plants.

425 White Cloud	3c each
500 Marquis	3c "
750 Lawson	3c "
1400 Flora Hill	4c "
800 Crane	3c "
200 Morning Glory	3c "
1500 Queen Louise	3c "

Sunnyside Greenhouses, Owosso, Mich.

Field-grown carnations. 3900 Harlowarden, 500 Estelle, 500 Palmer, 400 Lawson, 150 Nelson, $5.00 per 100; $45.00 per 1000. 700 Enchantress, $6.00 per 100; $55.00 per 1000. 1700 Higinbotham, 200 Marshall Field, 2100 Norway, $4.50 per 100; $40.00 per 1000. 500 Lady Bountiful, $12.00 per 100; $100.00 per 1000. 500 per 1000 rate.
Frank Fischer, Box 82, Blue Island, Ill.

Field-grown carnations, healthy and stocky. Per 100:

Prosperity	$4.00	Louise	$5.50
McGowan	5.50	Scott	3.50
Gomez	5.00		

Cash with order.
Can ship the same day order is received.
Jos. H. Black, Son & Co., Hightstown, N. J.

Field-grown carnations. Strong, healthy plants, ready for immediate delivery.

	100		100
1200 Eldorado	$5.00	250 Daybreak	$5.00
1000 Prosperity	6.00	250 Lawson	7.00
1000 Rose Queen	5.00	400 Crane	6.00

5000 Queen Louise, $6.00 100; $50.00 1000. Cash.
W. B. Du Rie, Rahway, N. J.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5	$45	Nelson	$5	$45
G. Angel	4	35	Higinbotham	5	45
Hill	4	35	W. Cloud	5	45
Q. Louise	5	45	Peru	5	45
Lord	4	35	Joost	4	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$40
Q. Louise	6	50	Joost	5	40
Norway	6	50	G. Lord	5	40
Mrs. Bradt	6	50	Mac Richm'd	5	40
Pond	5	40			

Isaac H. Moss, Govanstown, Baltimore, Md.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud	$5.00	$40
Flora Hill	5.50	45	G. Angel	5.00	40

Cash with order.
Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Field-grown carnations, extra strong, healthy plants, $6.00 100; $50.00 1000. Q. Louise, Norway, W. Cloud, Lorna, Prosperity, F. Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Chas. W. McKellar, 51 Wabash Ave., Chicago.

CARNATIONS—Continued.

Carnations, fine, stocky, field-grown plants.

	100		100
2000 Lawson	$6.00	1000 Fair Maid	$8.00
1000 Marquis	5.00	500 Enchant.	10.00
1000 G. Angel	5.00	500 F. Hill	5.00

G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Choice field-grown carnations. Per 100:

Floriana	$6.00	Manley	$5.00
Crocker	7.00	Melba	5.00
J. H. Manley	7.00	Norway	5.00
Perrine	6.00		

10% discount on above prices for cash.
John A. Kepner, Box 3, Harrisburg, Pa.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Boston Mkt.	$6.00
Queen	6.00	Lawson	6.00
Fair Maid	6.00	Elma	6.00
Morning Glory	5.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

75,000 field-grown carnations, clean, healthy.

	100	1000		100	1000
Lawson	$6	$50	Hill	$5	$45
Roosevelt	6	50	Peru	5	45
Wolcott	6	50	Triumph	5	45
Prosperity	6	50	Crane	6	50

J. A. Budlong, 37-39 Randolph St., Chicago.

Field-grown carnations. Our Wolcott plants are exceptionally fine.

	100	1000		100	1000
Wolcott	$6	$55	Joost	$4	$40
McKinley	5	45	Estelle	5	45
Glacier	5	45			

A. C. Canfield, Springfield, Ill.

Carnations, good healthy plants, free from disease.

Lawson, White Cloud,
Roosevelt, Prosperity,
Crocker, Floriana,
Write for prices. Q. Louise,

W. W. COLES, Kokomo, Ind.

Field-grown carnations. Flora Hill, Queen Louise, Joost, McKinley, 1sts, $8.00 100; 2ds, $6.00 100. Lawson, 1sts, $10.00 100; 2ds, $8.00 100. Firsts, Enchantress, $12.00; Adonis, $14.00; Estelle, $10.00 100. Cash.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Field-grown carnation plants, medium size.

	Per 1000		Per 1000
8,000 Lawson	$35.00	1,000 Norway	$30.00
8,000 Flora Hill	30.00	500 Manley	40.00

If the entire lot is wanted I will make them at $30.00 per 1000. Cash with order.
Peter J. Schumer, Evanston, Ill.

60,000 field-grown carnations, clean, healthy plants.

	100		100
Enchantress	$8	G. Angel	$4 to 5
Lawson	5 to 7	M. Glory	5 to 6
F. Hill	4 to 6	Prosperity	6

Also others. Write for prices on large lots.
W. H. Watson, Lapeer, Mich.

Carnations, strong, healthy stock.

	1000		1000
Harry Fenn	$50.00	Rosalind	$50.00
Lawson	50.00	Servia	40.00
Gov. Wolcott	50.00		

Geo. Milne, 14 Lincoln St., Winchester, Mass.

Field-grown carnation plants.

	100	1000		100	1000
Q. Louise	$5.00	$45	Norway	$6.00	
Enchantress	8.00	75	Prosperity	6.00	

Cash with order.
W. E. Hall, Clyde, Ohio.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

INDIANAPOLIS, the best pink carnation introduced. We shall have about 5000 fine field-grown plants to sell this fall at $12.00 per 100, $100.00 per 1000. First come, first served.
Baur & Smith, 330 W. 38th St., Indianapolis.

Carnations, strong, field-grown, free from disease. Enchantress, $8.00 100. Mrs. Lawson, Glacier, Avondale, Gaiety, Norway, Mrs. Joost, White Cloud, F. Hill, Harlowarden, $6.00 100. Nathan Smith & Son, Adrian, Mich.

Carnations, field-grown, stocky. Gov. Wolcott, Cervera, Bradt, $6.00 per 100. Queen Louise, Norway, Joost, Challenger, Maceo, $5.00 per 100. W. G. Kroeber, 355 North St., New Bedford, Mass.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Carnations, field-grown, strong, healthy stock. Enchantress, $8.00 per 100; Lawson, Boston Market, $6.00 per 100; Fair Maid, $5.00 per 100. Cash with order.
Chas. H. Green, Spencer, Mass.

Carnations, field-grown, ready now. 400 Lawson, 400 Norway, 300 Daybreak, 500 Genesee, 300 Scott, 1000 Joost, 5000 Marquis, $5.00 per 100, $40.00 per 1000.
W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

10,000 field-grown carnations. Flora Hill, Norway and Maceo, which we will sell for cash at $3.50 per 100 or $30.00 per 1000. Will be ready September 1.
Arlin & Arlin, Clyde, Ohio.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, 100 plants, $4.50; 1000 plants, $38.00. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

Carnations, pot-grown. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnation plants, extra strong, from field. Harry Fenn, Fair Maid, Boston Market, $6.00 per 100. E. A. Nelson, Joost, Maceo, Manley, Cervera, $5.00 per 100.
R. D. Kimball, Waban, Mass.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations, field-grown. 300 Lillian Pond, 150 Estelle, 200 Red Jacket, 1000 Wolcott, 5c. 700 Boston Market, 6c. 100 Queen, 8c.
P. R. Quinlan & Co., Syracuse, N. Y.

Field-grown carnations, all the standard varieties, strong, healthy and well-grown plants. Send for list of varieties and prices.
The Leo Niessen Co., 1217 Arch St., Phila.

Carnations, strong field plants, 12,000 Lawson, $50.00 per 1000; 10,000 White Cloud and 10,000 Flora Hill, $45.00 per 1000.
Weiland & Risch, 59 Wabash Ave., Chicago.

Carnations, field-grown. 1000 Guardian Angel, 1000 Joost, 2000 Lord, 2000 Marquis, good stock, $4.00 per 100; $35.00 per 1000.
B. Hasslebring, Flint, Mich.

8000 Lawson	$4.00 100;	$37.50 1000
2500 Norway	4.00 100;	35.00 1000

Stock clean and healthy. Cash.
Kring Bros., Fairbury, Ill.

Field-grown Joost, Angel, Estelle, Crane, Wolcott, Lawson, Glacier, Norway, Mrs. Fisher and McGowan carnations. Write.
Geo. A. Kuhl, Pekin, Ill.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

Field-grown carnations. 500 Genevieve Lord, 500 Gov. Roosevelt, 350 Prosperity at $6.00 100; $50.00 1000.
Chas. H. Totty, Madison, N. J.

100,000 field carnation plants. 1st size, $7.00, 2nd size, $5.00 per 100. See display adv. for list of varieties.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation plants, W. Lawson, Queen Louise, extra strong plants at $5.00 100, $40.00 1000. 250 at 1000 rate.
W. Hoffmann, Poughkeepsie, N. Y.

Carnations from field. Joost, Marquis, Prosperity, Lawson, Norway, Glacier, $4.00 100; $40.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

5000 Mrs. Joost carnations. Fine, field-grown, good clean plants, $40.00 per 1000.
Harry F. Evans, Rowlandsville, Station F, Philadelphia, Pa.

Field-grown carnations, per 100:

Lawson	$5 00	Flora Hill	$4.00
Norway	4.00	W. Cloud	4.00

E. Knabe, Frankfort, Ind.

Carnation MOONLIGHT.
Fine plants, $10.00 per 100.
JOHN HARTJE, 3129 No. Illinois St.,
INDIANAPOLIS, IND.

$5.00 per 100 for extra fine field plants of Prosperity, Hoosier Maid, Wolcott, Lorna, G. Angel, Henry Baer, R. F. D. 3, Peoria, Ill.

Healthy, field-grown carnations, Joost, Flora Hill and Queen Louise, to close, $5.00 per 100. Cash, please. H. M. Totman, Randolph, Vt.

Carnations. 350 Ethel Crocker, 125 Scott, $5.00 per 100. Fine plants; satisfaction guaranteed. S. M. Harbison, Danville, Ky.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

400 Lawson, fine stock, $5.00 per 100. Cash.
J. M. Smely, Aurora, Ill.

10,000 fine, large, healthy carnation plants. It is surplus stock and will sell cheap.
A. Coombs, West Hartford, Conn.

Surplus stock. 4000 Crocker No. 1 field-grown plants, $4.00 100; $35.00 1000.
J. W. Dudley & Son, Parkersburg, W. Va.

Carnation THE QUEEN, the best paying white, $6.00 per 100; $50.00 per 1000.
Larchmont Nurseries, Larchmont, N. Y.

10,000 field-grown carnations. Strong plants free from all disease.
Lebanon Greenhouses, Lebanon, Pa.

500 extra fine Francis Joost carnations, $5.00 per 100. Cash.
R. Engelmann & Son, Pittsfield, Mass.

Field-grown carnations. Write for varieties and prices to
Crabb & Hunter, Grand Rapids, Mich.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations, field-grown. White Lawson, $15.00 per 100. Frank Danley, Macomb, Ill.

2000 fine, field-grown Lawson, $6.00 100; $50.00 1000. N. Metz, Dayton, Ohio.

CHRYSANTHEMUMS.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100.
WIETOR BROS., 51 Wabash Ave., Chicago.

8000 chrysanthemums, fine, thrifty, from 2¼-in. pots, $2.00 100; $18.00 1000. Glory Pacific, Polly Rose, Estelle, Whilldin, Monrovia, Halliday, Bergmann, Bonnaffon, Ivory, Robinson, Willowbrook. Cash.
Chas. T. Siebert, Sta. B., Pittsburg, Pa.

Chrysanthemums. 275 large plants, 3-in., including 150 Pres. Smith, 30 Eaton, 40 Simpson, balance mixed, $6.50 for lot. Cash. Quick. Geo. M. Brinkerhoff, Springfield, Ill.

CHRYSANTHEMUMS suitable to bench for late flowers. Varieties and prices on application. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son., White Marsh, Md.

Jerome Jones chrysanthemums, fine plants, 2-in., $3.00 100; $25.00 1000.
Isaac H. Moss, Govanstown, Balto., Md.

Chrysanthemums, choice stock, 4 and 5-in. pots, $4.00 to $6.00 per 100.
J. A. Kepner, Box 3, Harrisburg, Pa.

CINERARIAS.

Cinerarias, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Send in your order now for a copy of the Florists' Manual.

CLEMATIS.

Clematis, large flow. var., 5-in., $3.00 doz. C. paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Jefferson Sts., Phila., Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

COLEUS.

Coleus G. Bedder, Verschaffeltii and 10 other var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

CROTONS.

Crotons, 12 to 20 kinds, strong, from 4-in., 3 in a pot, $2.50 per 100 plants.
A. L. Hatch, Rockledge, Fla.

CRYPTOMERIAS.

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100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; 25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet.

1 year, 2 to 4 branches,		12 to 18 inches.
2 year, 4 to 8	"	20 to 24 "
2 year, 6 to 10	"	24 to 36 "
2 year, 6 to 12	"	36 to 48 "
3 year, 8 to 12	"	36 to 48 "

Two and three years. Has been transplanted. Write for trade list and prices.
J. H. O'HAGAN, Little Silver, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Pink Pearl rhododendron. We hold a very large stock of this glorious variety, which was raised by us, but we recommend early application.
J. Waterer & Sons, Bagshot, Surrey, England.

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Rose plants, strong stock, from 2½-in. UNCLE JOHN, the finest pink rose introduced, $20.00 100, $150.00 1000; Golden Gate, $2.50 100, $20.00 1000.
From 3-in. Chatenay, $5.00 100, $40.00 1000; Bridesmaids, $3.50 100, $30.00 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
P. Reinberg, 51 Wabash Ave., Chicago.

NEW ROSES H. T. and forcing.
Oberhofgartner Singer, 50c; $40.00 100; Dr. Troendlin, (White Testout) 50c; Konigin Carola, large pink, 50c; Ruhm der Gartenwelt, dark red, $1.00; Etoile de France, bright dark red, $1.25.
And all best European novelties. Send for catalogue.
PETER LAMBERT, Trier, Germany.

Roses for winter flowering. Extra fine bushy plants. Liberty, Franz Deegen, 3½-in. pots, $18.00 100. Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots, $15.00 100.
Own roots. Beauties, Ivory, La France, 3-in. pots, $7.00 100. Brides, Maids, Perles, G. Gates, 3-in. pots $5.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses, strictly A1 stock. Maids, 2½-in., $20.00. Brides, 3½-in., $40.00 1000. Beauties, 2½-in., $35.00 1000; 3 and 3½-in., $5.00 100; $45.00 1000. Gates, $40.00 1000. Franz Deegen, 3½-in., $4.50 100. Perles, 3½-in., $4.50 100.
Poehlmann Bros. Co., Morton Grove, Ill.

5,000 strong 2-year-old American Beauty plants. Write for prices.
Chicago Carnation Co., Joliet, Ill.

Roses. Strong, healthy plants. 3-in. Brides, Maids, Ivory, Gates, $3.50 100, $30.00 1000; Perles, $5.00 100, $45.00 1000; Beauties, special, $4.00 100, $40.00 1000; Kaiserins, extra fine, $6.00. 2½-in. plants. Brides, Ivory, $2.50 100, $20.00 1000; Beauties, $3.00 100, $25.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Rooted rose cuttings. The Bride, Bridesmaid, Gen. Jack., Mrs. Garrett, Ivory, G. Gate and many other varieties, $1.00 100. Samples sent on application.
R. E. Creager, Thurmont, Md.

Roses at a bargain. 1,500 Bridesmaids, 300 Ivory, 200 G. Gates, 100 Brides, strong 3½-in. pot plants, $5.00 100. Cash or satisfactory reference. Davis & Magee, Toledo, Ohio.

Roses, extra choice 2½ and 3-in. stock. Golden Gate, Bride, Bridesmaid, $20.00 1000. Mme. Chatenay, $30.00 1000. These are cash with order prices. John Brod, Niles Center, Ill.

Roses. Surplus stock No. 1 strong plants from 3-in. pots: 1250 Golden Gate, 550 Ivory, 400 Bridesmaids, 100 Brides at $5.00 per 100.
Evenden Bros., Williamsport, Pa.

ROSE PLANTS, extra fine, propagated for our own use. Bride, Bridesmaid, Golden Gate, Ivory, Meteor, 3-in., $4.00 100; $35.00 1000.
A. Gude & Bro., Washington, D. C.

7,500 Liberty roses, strong low-budded, field-grown plants, just the thing for forcing. $15.00 100; $125.00 1000. F. O. B. here. Cash.
E. Gill, West Berkeley, Cal.

3000 American Beauties in 3 to 4-in. pots, $40.00 1000 or $5.00 100. Mme. Chatenay, 4-in., $40.00 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

1500 Golden Gates, 500 Brides, 400 Maids, 2½-in., $2.00 per 100. First check for $40.00 takes the lot.
East Side Floral Co., Champaign, Ill.

Roses, surplus stock. Bridesmaids, Ivory, Gates, Beauties, 3-in., $4.00 per 100; 2½-in., $3.00 per 100.
Stuppy Floral Co., St. Joseph, Mo.

Roses, 2½-in. rose pots, $3.00 100, $25.00 1000. Brides, Maids, G. Gates, Ivory. Cash or C. O. D.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Clothilde Soupert roses, 3½-in., extra fine, $1.25 doz., $10.00 100. Cash or satisfactory references.
D. U. Augspurger & Sons, Peoria, Ill.

Perles, American Beauties, Brides, Maids, G. Gates, Ivory, La France, Carnot. Write
Geo. A. Kuhl, Pekin, Ill.

Bride and Bridesmaid roses, fine forcing stock, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Bridesmaid, Bride and Ivory, large clean stock, $18.00 1000.
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Perle and Golden Gate roses, strong, 4-in., $8.00 100.
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300 Bridesmaid roses, 2½-in., entire lot for $15.00.
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Ivory and Golden Gate roses, 2-in. pots, 2c.
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For rose plants, write
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Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, imported and home-grown, 4-in., 25c; 5, 5½ and 6-in., 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c, 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Variegated ficus, September delivery, $5.00 per doz. Ficus elastica (green), sold out till spring 1905 delivery.
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Rubbers, 4-in., 10 to 12 inches high, $4.00 doz. Cash or satisfactory references.
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Rubbers, 4-in., 25c; 5-in., 35c; top stock, fine, strong. Cash.
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A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

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Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
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Pansy seed grown by a Danish specialist from choice exposition strain (none better), $5.00 per ounce. Chris. Hansen, St. Paul, Minn.

Berger's Never Fail pansy seed, every sort, color, variety of prize strains, 1000 seeds, 25c; 5000, $1.00; oz., $4.00; giant fl. in white, yellow, black, azure blue, violet, striped, bronze, red, purple, sep. or named, 1000 seeds, 25c; 5000, $1.00. Trimardeau, Bugnot, Odier, Cassier, giants, pkt., 25c; ⅛ oz., $2.50. Cineraria grand. max., pkt., 500 seeds, 25c; 5 pkts., $1.00. C. stellata, 100 seeds, 10c; 500, 40c. Calceolaria, tigered, spotted, giants, pkt., 25c. C. rugosa, shrubby, pkt. 25c. Primula sinensis, rose, white, blue, blood red, crimson, 100 seeds, 25c; 1000, $1.75; all colors mixed, 100 seeds, 20c. P. obconica, rose or white, pkt., 25c. Cyclamen persicum gigan., white, rose, blood red, 100 seeds, 65c; 1000, $6.00. Dracaena indivisa, oz., 25c; ¼ lb., 75c. D. australis, oz., 50c; ¼ lb., $1.50. Smilax, oz., 20c; ¼ lb., 50c.
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Improved Chinese primrose, large-flowering, fringed, single and dbl., 15 var., mixed, sep., 500 seeds, $1.00; half pkt., 50c. Daisy, dbl. giant, mixed, 1000 seeds, 25c. Cineraria, finest large-flowering dwf., mixed, 1000 seeds, 50c. Pansy, giant large-flowering, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of giant pansy seed. Cash.
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Sweet peas for Christmas blooming—Zvolanek's Christmas, pink; and Fl. Denzer, pure white. If seed is sown during the first days of Sept. you will have sweet peas for Christmas and all winter. Price: Pkt., 75c; lb., $2.50, postage paid. Genuine only when in my original packets. Orders for less than pkt. not accepted.
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Cineraria grandiflora seed.
Tall, finest mixed, per pkt.....50c
Semi-dwarf, finest mixed, per pkt.....50c
Stellata, finest mixed, per pkt.....25c
Pansy seed, superb mixed, ⅛ oz., 75c; per oz., $5.00. Choice mixed, per oz., $2.00.
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Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.
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Pansy seed, the finest strain in cultivation, far superior to any other English, French or German selections, per oz., $4.00; per pkt., $1.00. Postage paid. Dollar notes accepted in payment.
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Pansy seed, new crop. Barnard's florists' mixture, trade pkt., 25c; ⅛ oz., $1.00; ¼ oz., $3.50; oz., $7.00. Giant mixture, trade pkt., 20c; ⅛ oz., 50c; ½ oz., $2.00; oz., $4.00.
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I have from 50,000 to 75,000 Phoenix canariensis seed, just ripening on old, large plants growing on my own place, that I will sell for $1.50 per 1000; $6.50 per 5000.
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Choice pansy seed, special mixture from named varieties or colors separate if desired. Trade pkt., 25c; ¼ oz., 75c; oz., $2.50.
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Asparagus plumosus nanus seed, crop of 1904, $3.00 per 1000. Alsophila australis, fresh, 25c per pkt., prepaid. Cash.
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Pansy seed. Mme. Perrett and from our own famous strain, best in the market, $4.00 per oz., 50c per trade pkt.
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Smilax, 1200 strong, healthy, bushy, 2½-in. pot plants, ready to bench, 3 to 4 in a pot, 3 times cut back, $2.50 per 100, $25.00 for the lot. Cash with order.
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Smilax, 5000 extra strong, 2½-in., cut back 3 times, $2.00 100; $15.00 1000; 500 at 1000 rate. Send for sample.
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Smilax. Good 6-ft. strings of bright, clean smilax, 10c each, $1.00 doz. Cash. We ship promptly 2 strings by mail, 25c. Try us.
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SMILAX. Strong, 2¼-inch. We have the best stock in the market at $1.25 per 100; $10.00 per 1000.
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Green silkaline. Do not be put off with cheap substitutes.
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Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100, $9.00 per 1000; 3-in. pots, very strong, $2.00 per 100. R. Kilbourn, Clinton, N. Y.

Smilax, extra strong, healthy stock from 2-in., $1.00 100; $9.00 1000. Cash.
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3000 smilax plants. Fine healthy stock, in 3-in. pots, $2.50 per 100.
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Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
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Converse Greenhouses, Webster, Mass.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
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Smilax, 3-in., bushy, $2.00 100. Cash.
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1000 smilax, good 2-in., $7.00.
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Spiraea Van Houttei, 2000 very fine, bushy plants, from 2 to 2½ feet, $8.00 per 100.
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Stevia serrata, true winter blooming, 2½-in., $3.00 per 100; $25.00 per 1000.
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Stevias, 2½-in., $2.00 100; rooted cuttings, $1.50 100, $12.00 1000.
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Stevia, fine stocky plants, 2-in., $2.00 100. Cash. Converve Greenhouses, Webster, Mass.

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Strawberry plants from our strong pot-grown plants. We have the best varieties for market and home use; plant now. Catalogue mailed free; write for it.
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Pot-grown strawberry plants. Clyde, Glen Mary, Bubach, Haviland, Sharpless, Brandywine, $2.50 100; $20.00 1000. Cash.
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Umbrellas, strong, 2½-in., $2.00 per 100. Cash. Rock Hill Greenhouses, Foxboro, Mass.

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CABBAGE—Early and Late Flat Dutch, Succession, L. I. Second Early, Drumhead, Danish Ballhead, Rock Red, Drumhead Savoy, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—White Plume, Golden Self Blanching, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100; $1.00 per 1000, $8.50 per 10,000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

KALE—Dwarf Green Curled Scotch, 25c per 100; $1.00 per 1000, $8.50 per 10,000.

KOHL RABI and BRUSSELS SPROUTS, 25c per 100, $1.50 per 1000.

We have a million each of cabbage and celery.

Cash with order.

See our flower plant adv. in this issue.
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Cabbage—Plants of all kinds, $1.00 1000; 5000 for $4.00.
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Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
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Violets. I make a specialty of violets and if you want good, clean violet stock, write for price. I can supply any quantity of rooted cuttings or in 2-inch pots to be delivered any time you want them. Swanley White, Marie Louise and Lady Campbell.
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Violets: 20,000 Farquhar, Imperial and Marie Louise, all sand-rooted from clean stock, February and March struck from 3-in. pots, ready in September, $3.50 per 100; $30.00 per 1000. Cash with order, please.
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Violets, 2000 Imperial, 2½-in., $3.00 per 100; $25.00 per 1000. About 600 Marie Louise, $2.50 per 100, entire lot for $12.00. 1500 single violets, field-grown, $3.00 per 100.
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Violets. Princess of Wales, fine healthy stock propagated from plants wintered in the open ground, 2-in., $2.00 per 100; 2¼-in., $2.25 per 100. Good plants, none better.
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Imperial violet, an improved M. Louise, from 2-in. pots, $25.00 1000; 3-in., ready in about 2 weeks, $4.00 100; $35.00 1000. Lady Campbell, 2-in., $2.00 100; 3-in., $35.00 1000.
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Field-grown violets, large clumps, Campbell, $5.00 per 100; $40.00 per 1000. 500 Princess of Wales, $6.00 per 100. Cash.
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Violets, fine, large, healthy plants. It is surplus stock and will sell cheap.
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25,000 violets, field and pot plants, 6 varieties. Write Benj. Connell, West Grove, Pa.

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To Exchange—1000 2½ and 3-in. roses, Brides, Maids, Perles, Gates and Ivory, good, strong plants ready for 4-in. or benching for white carnation plants from field; must be healthy and good plants; want the carnations at once and will hold the roses two weeks or deliver at once; will take $30.00 cash for the lot.
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To Exchange — Fine field-grown carnation plants of Freedom, Queen Louise, Joost, Challenger, Maceo, also hydrangeas, for glass.
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Florida cane-reeds for plant and shrub stakes, in bundles of 250, 7 to 10 ft. length, $2.75 per 1000; 10 to 12 ft., $3.50; longer and larger, $4.25 per 1000; f. o. b. Orders promptly filled. H. A. Barrows, Monticello, Fla.

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Our box sells on its merits.
Send for sample.
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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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Fancy and dagger ferns, smilax, etc.
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For southern wild smilax write
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Wax flowers and wax floral designs.
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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES, green or bronze.
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GALAX LEAVES, green or bronze.
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Galax leaves, bronze and green.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
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Peerless glazing points are the best.
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HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.

100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
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Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Gishurst Compound is known by all old-school gardeners; its soluble sulphur, etc., has for 40 years cured blights and fungus on plants; harmless in its use. Wholesale from
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NICOTICIDE kills all greenhouse pests.
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FOSTITE, 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00. C. H. Joosten, 201 West St., N. Y.

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Kramer's pot hangers. Neat, simple, practical. Write.
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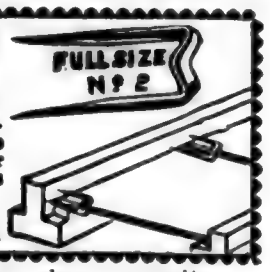
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KANSAS CITY.

Stock is about the same. Roses are very small and carnations are very short-stemmed, most of them being cut in the field. American Beauties are scarce.

John H. Vesey is cutting some nice long-stemmed dahlias that he is growing inside.

R. S. Brown & Son are cutting some good asters and canna flowers.

Kansas City florists who went to the convention and to see the Pike were W. L. Rock, Arthur Newell, Albert Barbe and Samuel Murray, Miss Alma Beeler and Mrs. Ellsworth, of Geo. M. Kellogg's retail store.

Mrs. Fannie L. Brittain has returned from an eastern trip of six weeks.

Mr. and Mrs. Ed. A. Humfeld have returned from a trip throughout Colorado, looking fine.

Hans Tobler, of Traverse City, Mich., was here on a visit to his brother, Jacob Tobler, the south side florist. L. M. S.

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5	"	8 70
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6	"	10.20

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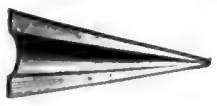
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G. L. GRANT, Editor and Manager.

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J. AUSTIN SHAW, Manager.

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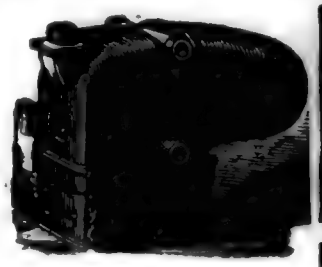
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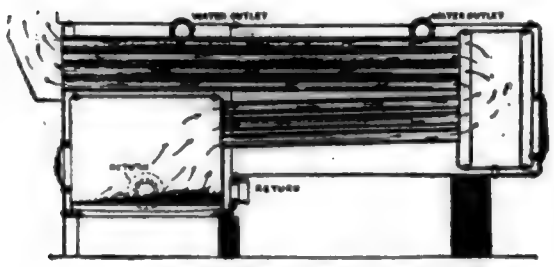
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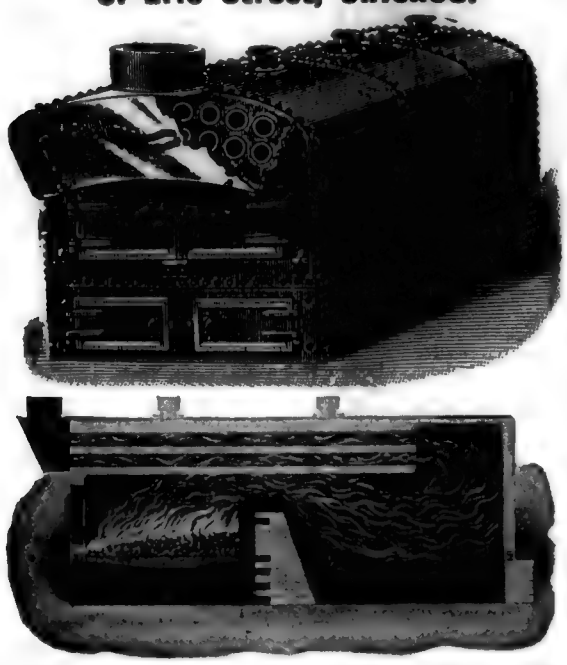
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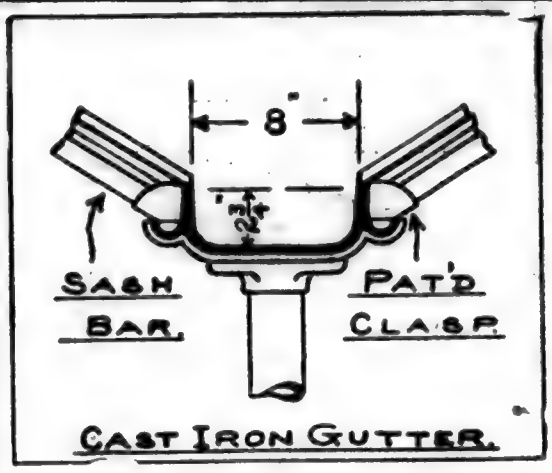
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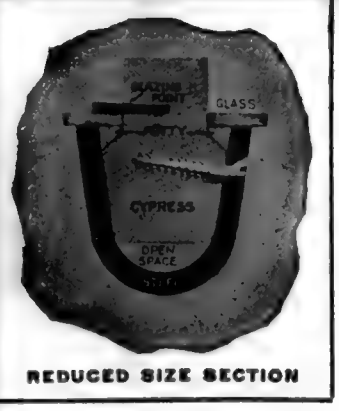
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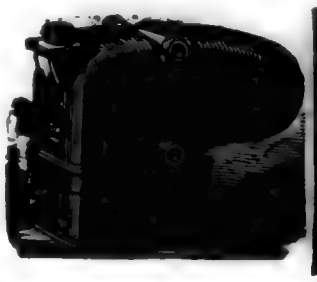
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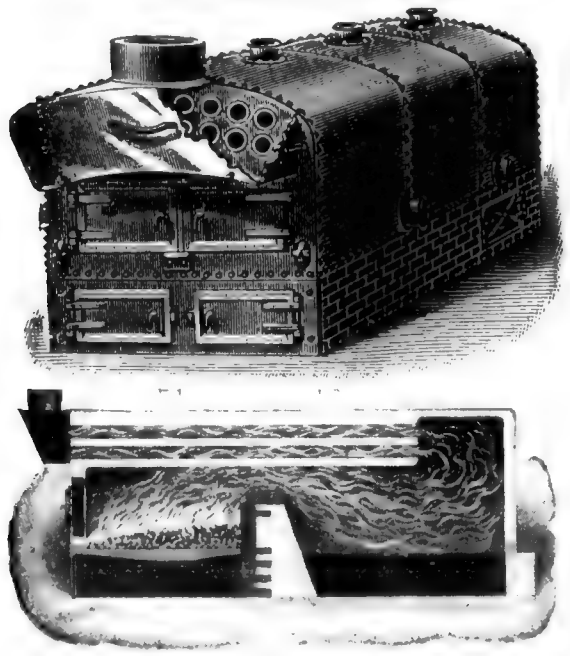
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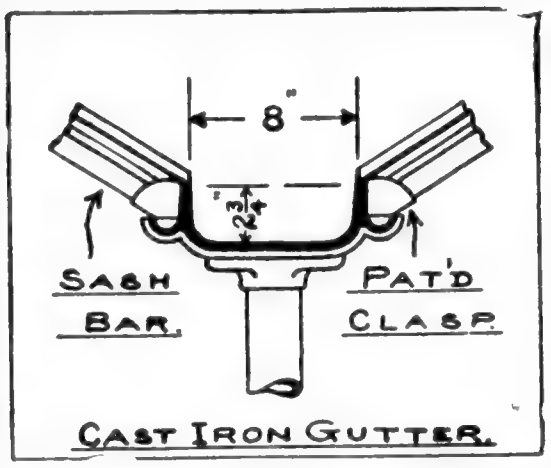
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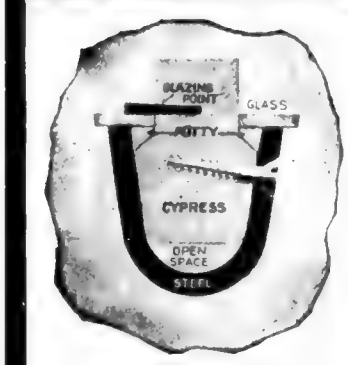
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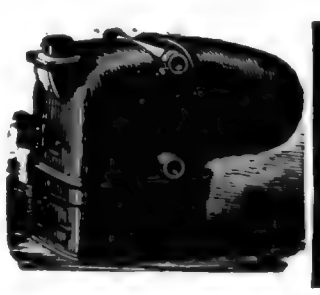
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BEGINNINGS IN DESIGN...

VASE ARRANGEMENTS.—II.

Gladioli.

Why a stone jar should be considered the best receptacle for this particular style of flowers is not apparent at first thought. Why not a rose bowl, a delicately tinted china dish, or a slender crystal vase? In the first place the inflorescence of the gladioli necessarily means weight where any number of the flowers are used. Therefore we must have something which not only has the appearance of weight, but actually is heavy enough to counterbalance the top-heavy stalks. Never put any arrangement of flowers and vase before people which will make them uncomfortable or nervous, as a delicate vase might do if filled with long, heavy flower stalks, tempting a destructive breeze.

Such flowers as gladioli, hydrangeas, hollyhocks, dahlias or chrysanthemums and other large, robust flowers, naturally adapt themselves to a rustic setting, as is at least suggested my this use of a stone pitcher as a receptacle. Then, too, the color of this particular jar is a dark brown, which is a good setting for the pinkish creams and yellows of the gladiolus flowers. A perfect gladiolus stalk hasn't a very decided curve; neither has our stone jar. The lines of the flower stalks can grow from the lines of the dish without any very abrupt change, so we find harmony of form.

The ease with which this union of lines between the flower stalks and the receptacle can take place, depends upon the quantity put into the vase. Too many crowded in would make the lines unnaturally straight, while too few would play at right angles with each other. Two dozen was the number used in this pitcher of about five inches in diameter, with the grass and extra foliage, the latter feature with the shadow effect around the top of the vase making a—well, something otherwise than so many stalks in a dish, soda fountain straws-in-a-glass fashion. By the few over-hanging flower stalks, and the extra foliage, deep shadows are cast over the rim of the pitcher, thus blending the lines of the pitcher with the lines of the flower stalks, and making them one, which is the secret of correct vase arrangements.

Find the receptacle, the lines and form of which can be continued into the lines of the flower stalks most easily, and you have found the proper receptacle. If you find this a somewhat difficult task, make shadows, as is done here. If then you cannot accomplish your purpose, they do not properly belong together. After a little practice in this line, your eye will do the work of hands and eyes too, and you will be able to accept or reject a receptacle on sight. The shadow softens the hard look of the stone and helps the harmony with the flowers, half of the beauty and depth of which are in the effect of light and shade.

It will be observed that the central part of the bunch is carried to a greater height by pulling a stalk or two out above the bouquet. Fill in the space left vacant with extra foliage or stems. Use broken or hanging stalks like those on the left of the vase sparingly; otherwise it will become a disagreeable mannerism. Other devices of relief can be invented, like a simple spray lying flat at the base of the vase or a creeping bit of foliage around or off from the vase. But let none of them be every-day indulgences. Have a wandering line or two in all of your vase arrangements, but don't use the same material repeatedly.

Here are introduced the soft grasses as relief. Other means to the same end would be the use of other endogenous foliage, or grain stalks with the gladioli. As far as a fine effect is concerned, nothing could be more beautiful than the addition of some corn tassels and silk with such a bunch. But feel your customers' breadth of art instinct first. Purely rustic beauty seems to go unappreciated except in the heart of the cities. Educate taste by an occasional display of this kind in your window. As a matter of fact the artistic points of a corn stalk are seldom excelled. There is nothing that grows but has its beauty, but the difficult part for us is to become able to find the proper place for it in our portion of the decorative world.

GERTRUDE BLAIR.



Gladioli in a Stone Jar.

ROSES.

Cutting and Packing.

The cutting of blooms, their care and treatment previous to shipment, and the method of packing them carefully so that they may reach their destination in good shape, is a matter which nearly concerns every grower and which should be made a special study by the younger brethren.

In taking the cut special care should be given to leave the most suitable eyes, so that a future crop of robust stems may be assured. To take off the cut neatly, so that a ragged, long-sliced, unsightly stump may not be left, it is necessary to have a well sharpened knife or pair of scissors. Personally I prefer the scissors, as if they are kept in good order and properly handled they leave a neater and smaller wound.

I have often wondered why some growers, who are careful in most other respects, run the risk of injuring the prospects of a future crop by compelling their help to take off the morning cut by the light of a lantern when it is impossible for even the keenest sighted to select the proper eye at which to cut.

Questioning one grower, he gave as his reason that he wanted to get his cut before the blooms were heated by the sun, as they keep so much better when cut in the cool of the morning. I, however, noticed that he did not scruple to cut at any hour of the afternoon, even when the blooms had been exposed to a hot sun all day, and ship within the hour.

This system must have appeared very inconsistent to intelligent help and would be apt to leave the impression that the employer was trying to get an hour or so from his help gratis.

As soon as possible after the cut is taken the stems should be immersed in water, which should reach well up the stem. The temperature of the water should be very little below the temperature of the house from which the roses were cut.

The blooms should be assorted into different grades, according to length and quality of stem, having due regard to size, shape and color of the flowers. As there is at present no uniform method for classifying the different grades, each grower has to study the demands of his market and grade accordingly.

The cut should then be placed in the cool room, which should have a temperature of not less than 48 degrees, many growers preferring 50 to 52 degrees as the ideal. Well grown stock treated at any of the above temperatures can be shipped with perfect safety twenty-four hours after cutting.

Next to care in packing, so that no necks may be broken, comes neatness and cleanliness. How pleasant it is to open a box in which the blooms have been carefully packed, in well fitting, unsoiled paper. It gives a fresh, crisp appearance to even inferior blooms, while the finest selected stock can be given a trashy look by slovenly packing with soiled material. RIBES.

MISCELLANEOUS SEASONABLE HINTS.

Poinsettias.

In last week's issue is published a prize essay delivered at Hull, England, on the poinsettia. We think the prize was awarded quite as much for its literary excellence as for the value of its cultural directions. Perhaps those who followed its directions to the letter would not go far wrong, yet being British, there are some points in it that would be unnecessary to follow in this country. Growing a plant from June to December and when six feet high cutting off the top to obtain a plant one foot in height seems a laborious and expensive method. True, plants propagated in June and given the very lightest house will run up four or five feet high. These early propagated plants are, however, with us used for cutting, and if planted out in a bed of five or six inches of soil give immense width of bracts. Cuttings put in the sand in early August and not neglected for either heat or nourishment at the roots will make fine plants fifteen to eighteen inches in height in 5-inch pots by Christmas, as has been frequently said in these columns.

The single plant of poinsettia, however well grown, is no longer in very good demand with us. It is the pan eight to twelve inches in diameter that has much the better sale, and for this purpose, if pans containing from six to ten plants and not over twelve inches in height are desired, you can put in a batch of cuttings now, but plants that are now in 2-inch pots will make stronger plants and finer bracts. In making up the pans select for each pan plants of uniform height and strength. The pans won't be all alike at flowering time, and they need not be, but each pan will be perfect in itself.

Referring to that well written paper again, if you wanted only one batch of cuttings, then you could cut with a heel, but you would get no more cuttings from that break. We want to put in successive batches of cuttings throughout the summer and the heel is not necessary. Of course it would not be British unless the formula for the compost was most elaborate and contained half a dozen ingredients. All that is nonsense. A good, fresh, rather heavy loam, with a fourth of half-rotten cow manure is all that is needed, and for the 5 or 6-inch pots a crock and piece of green moss to keep the drainage free.

It seems the propagating case or little house inside a house is still in vogue in England in propagating such free rooting, simple things as the poinsettia. The idea is to keep the atmosphere close, prevent evaporation and then there is need of little water. This country's method is much more simple and less expensive. Insert the cuttings in the sand as you would those of coleus. Keep them shaded and water copiously twice a day and you will not lose a cutting. When first potted off, which should be as soon as the roots are half an inch long, they want to be kept moist at the roots and well shaded. But directly they get hold of the soil, and to the end of their existence, they want the fullest, brightest light, with all the air that can be given them during warm weather.

Frames, either with sash or without, are dangerous places for these plants. Nothing like a bench in your houses, where neglect is inexcusable. With the exception of these few points, the "prize essay" is excellent and in concluding remarks on this showy plant, let me repeat that the falling of the foliage is more often due to starvation of the root than low temperature, and never disturb the roots, either by a shift or making up the pans, later than the last week in October. They won't stand for it and we have proved it.

Zonal Geraniums.

I said early in August, don't propagate until September. The time is now here. Much will depend upon how plentiful a stock you have to take cuttings from and how many plants you need. If you have an abundance of stock and can take off at one time all the young stock you require, then there is no hurry for two weeks more. We sometimes get a very hot spell about the middle of September and it is when the weather is hot and you have to keep the cuttings well watered that trouble begins and they go off by the thousands with what we call the black rot. We all know it. It is caused, I suppose, by the cellular tissue of these succulent cuttings absorbing so much water that the cells burst and decay and death ensues.

If you are short of a variety, or all varieties, then begin at once, for if judiciously cut you will before frost get another batch of excellent cuttings. With us geraniums are more than usually succulent this year, through the frequent rains, which makes them all the more risky to root. Get a bench full of fresh, sifted loam, not too sandy, and mix it with a fifth or sixth of sifted, rotten manure. Robust-growing varieties will need a 2½-inch pot. Less vigorous kinds may do in a 2-inch.

Cut the cuttings just below a joint. Never mind what has been said about the non-value of cutting at a joint. The texture of the cutting is less sappy there than between joints. Pot firmly. This is one of the most important points. Don't thumb the surface, but get your thumb and finger down as a wedge to make the soil firm around the bottom of the cutting. If you have a spare bench in a light house, there is no better place; if not, a cold frame outside does very well. A thorough watering when first potted is most important. Watering after that until they are rooted is pure judgment. They may want another watering again in three or four days and, if the weather is dull and cool, they may not want the soil wet again in a week. Don't water them until the soil is again what the gardener calls "on the dry side." On bright mornings a light spraying that will wet the leaves but not the soil is most beneficial. Little if any shade is needed after the first week and only in the brightest hours.

We prefer to put all zonal geraniums into pots, in which they remain without a shift until after the rush of the holidays. They make short-jointed, stocky plants, much to be preferred to plants rooted in sand. The scented-leaved, tricolor and ivy-leaved sections we like better to root in the sand in the ordinary way, but there is no hurry about that until toward the end of September.

Bouvardias.

The first week of September should see these plants on the bench. They are, perhaps, not very profitable, neither are they common of late years, and our customers are looking for the uncommon and you can get a good price for these honeysuckle-like flowers. They lift badly if lifted carelessly. If the ground is dry and you think you are going to leave a lot of their working fibres in the ground, soak it the night before. You must get all the roots. Plant them one foot apart on the bench, closer if the plants are small, in five inches of soil. Wet the soil thoroughly after planting and syringe three or four times a day, or as long as any wilting takes place. This is a plant that enjoys a good syringing every day in the year, for it is very liable to be infested with red spider.

Shade, of course, is necessary until the plants are rooted in their new surroundings. If you pinched these plants a few weeks ago they will need it no more, but if that was not done and the

growths are few but long, shorten back the growths a few inches, as soon as you get them planted, or, better still, as soon as they get hold of the soil on the bench.

Sweet Peas.

These are now one of our important winter flowers and at some large establishments they are produced from Thanksgiving until the flowery month of June. If you have a bench vacant now the seed can be sown at once, two or three in a group, six or eight inches apart, and the rows across the bench eighteen inches apart. Five inches of soil on the bench or a ground bed is enough. If too much soil, there is a great tendency to grow and not flower. At each group of plants let a string run up, just as you would for smilax, only a stronger string and six or seven feet long. Two plants to a string is enough. Keep all bottom and lateral growth pinched off and from the original growth you will soon pick flowers and continue to pick for perhaps two months. To have good peas continuously from, say, December 1 to June 1, several successive sowings are necessary.

We don't all have vacant beds in the months of September and October, yet later, when the mums are thrown out, we do and sweet peas come in well to occupy the bench after early chrysanthemums, so instead of sowing on the bench now, you can sow three or four seeds in a 3-inch pot and keep them in a frame out of doors until planting time. A very slender stick will support the little vines until the bench is ready for them. You don't need much variety. The white and pink, the pure white, the daybreak pink and lavender are the desired shades. A night temperature of 48 to 50 degrees suits sweet peas in winter time.

WILLIAM SCOTT.



Harp of Asters, Roses, Valley and Adiantum.

WITH BOSTON GROWERS.

Farquhar & Co., Roslindale.

R. & J. Farquhar & Co. have a very compact greenhouse plant and nursery at Roslindale, about eight miles from their seed store. In addition they have an additional forty acres at Sharon for growing stock and seed testing. The greenhouses are roomy and stock of all kinds looks well. Outdoors fine blocks of choice conifers were noted, including an extra fine lot of Picea pungens, Sciadopitys verticillata, retinosporas in variety, thuyas, etc. Rhododendrons looked well and were well budded. Large quantities of all the more popular hardy herbaceous perennials are grown, an increasing demand for them being noted.

Indoors one large house is devoted to palms, kentias predominating. All looked well. Araucarias, Boston ferns and the variety Piersoni and small ferns for dishes are grown in quantity. Gloire de Lorraine begonia has always been well done here; thousands of plants varying from those in 8-inch and 10-inch pans to cuttings just potted were noted, and all had a luxuriant appearance. Plants to retail in flower at $1 are the most in demand. Cyclamens are largely grown and are good sellers. Dahlias in all the best imported varieties are to be seen in thousands in frames, making nice pots of tubers. Grape vines such as Muscat of Alexandria, Black Hamburg, Madresfield Court and other popular forcing kinds are grown in hundreds. Messrs. Farquhar find an increasing demand for these and now grow their own canes instead of importing at fancy prices. What attracted our attention most, however, was the house of Farquhar's Christmas lily (Lilium Philippense). This is a wonderfully beautiful and graceful lily and will make a sensation when introduced in 1905.

W. W. Edgar, Waverley.

W. W. Edgar, of Waverley, is one of the best plantsmen supplying the Boston market. At Easter time especially his establishment is the Mecca for buyers of well-grown plants. Nephrolepis Bostoniensis is seen in various sizes, many of specimen size. Piersoni is grown, but is not found as good a seller as the Boston fern. Palms are gradually being dropped, a batch of Livistona rotundifolia being the last to be carried. Two large span houses are planted with adiantums. A large part of one house is devoted to Adiantum tenerum. The handsome fronds of this variety command excellent prices. We noted a specimen plant and many seedlings of a distinct adiantum named Edgarense, in the way of cuneatum, but even better, we thought, commercially. One house is devoted to Asparagus Sprengeri, for which there is a constant demand. Genistas, Acacia armata, Lorraine begonia, Cypripedium insigne, poinsettias and cyclamen are grown in quantity. The earliest Lilium Harrisii were in pots in frames. About 10,000 chrysanthemums are grown, the favorites being Lady Fitzwygram, Bonnaffon, Polly Rose, Ivory, Shrimpton and Eaton. Everything about Mr. Edgar's place was neat.

E. N. Peirce & Co., Waltham.

A ten minutes' walk through Waverley Oaks brings one to the large plant of E. N. Peirce & Co., who are the largest growers in the immediate vicinity of Boston. We were especially fortunate in finding the senior member of the firm at home, whence he had come to take part in the G. A. R. encampment. Mr. Peirce's ancestors settled near the present location of his greenhouses in 1630, and from that time to this all have been farmers, and many have shouldered muskets in the various wars in which the United States has been engaged. Elestra Nye Peirce enlisted as a minute man in the Fifth Massachusetts (Minute Men) April 15, 1861, rising to the rank of lieutenant and serving until February 11, 1865. He was thrice wounded during the war. He now holds a number of prominent posts in connection with various branches of the G. A. R. Although a full-fledged military man, his neighbors still dub him "Farmer Peirce."

The Waverley farm is now largely under glass, tomatoes only being grown as an outdoor crop. Lorillard is the only variety grown in quantity and is used exclusively indoors, a number of large houses being planted with them after carnations are pulled out; 17,000 are also grown on wire frames outdoors. At the time of our visit tomatoes were be-

ing pulled out and their places taken by carnations. A new 300-foot house was being planted with 7,000 Enchantress—big, handsome plants. Walls of concrete support all the benches, and tiles instead of board planks are used for the bottoms. Some 50,000 carnations are grown in all. Lawson still leads in its color, but Mr. Peirce thinks Nelson Fisher is a good thing, although he considers the two very much alike. For white, Boston Market is the favorite; Wolcott split too badly. A batch of 2,000 Lady Bountiful is being tried and a similar number of Mrs. M. A. Patten. Mr. Peirce has strong hopes of Judge Hinsdale, although the stock looks less promising than other sorts. "The boys" are dabbling in seedling raising, and one bright scarlet with stem and flower like Crane and Lawson habit was very promising.

Chrysanthemums are largely grown here, a number of 300-foot houses being devoted to them. The annual cut is about 75,000. Only a few sorts are grown. These include Mme. Bergmann, Ivory, Polly Rose, Glory of Pacific, Bonnaffon, A. G. Balfour, Eaton, Mrs. Murdock, Mrs. Coombes, Shrimpton and Western King. A batch of 50,000 Lilium Harrisii were potted for Christmas trade. For Easter another 50,000 are grown. A similar number of spiræas are grown for Decoration day trade. Asparagus Sprengeri is pronounced a good money maker. Several houses are planted with it. Lily of the valley was grown the past season, but will be dropped.

A track system for moving pot plants, compost, etc., is in service in all houses. The establishment includes a complete carpenter and blacksmith shop. All piping and greenhouse building is done by employes, superintended by "the boys," one of whom is a thorough mechanic. After trying houses with both long and short spans to the house, Mr. Peirce thinks an even span suits him about the best, although he cannot quite have such on his side hill. The establishment of E. N. Peirce & Co. is a good example of indoor "farming" and a credit to its founder. W. N. Craig.



TAKING THE BUDS.

Please let me know which buds to take, and when, on the following varieties: Chadwick, Merry Christmas, Golden Beauty, October Sunshine, Eaton, Appleton, Mrs. Jerome Jones, Ivory, White Bonnaffon and Robinson?

J. A. K.

The first bud that J. A. K. can see on his plants is now perfectly safe to take and will develop all right. When we get into September there is no longer any fear of taking buds too early, any buds, whether crown or terminal, coming perfect. If J. A. K. wishes to keep Merry Christmas and Chadwick for late flowers he can do so by waiting for the terminal buds. The bud question was discussed at length in a very recent issue. Brian Boru.

SOME NOVELTIES.

"Coming events cast their shadows before," and the shadows that are already being cast by the growth of some of the novelties are sufficient to indicate that there will be some fun by and by. The chief charm of the chrysanthemum is its infinite variety and, as the years roll around, each with its quota of new kinds added to the list, we have a variety, both in form and colors, that is unapproached by any other species of flowering plant. The Wells-Pockett varieties will naturally occupy first place in the list, as the adaptibility of their predecessors leads us to conclude that the present list will be equally useful. There are eight varieties in the Wells list, seven of which we are testing, as follows: Dora Stevens, J. H. Doyle, Merstham Red, Merstham Yellow, Mrs. H. A. Allen, Mrs. J. A. Miller and Mrs. W. Duckham.

Dora Stevens is a magnificent grower, as heavy as Cobbold in foliage, and in its color, a rosy cerise, will undoubtedly rank high.

J. H. Doyle is also a very strong grower, classed as a terra cotta in color. It is making a very fine growth in pots, boxes and on the bench and probably will be the king of the set, as it won the gold medal in Melbourne from thirteen competitors.

Merstham Red and Merstham Yellow are almost identical in growth, with a dwarf, very neat habit and showing not the slightest trace of disease. Merstham Yellow is similar to Mrs. T. W. Pockett, but more massive. It will possibly be too early for an exhibition flower, but one can hardly tell the first year, as it takes many kinds two years to settle down and adapt themselves to the changed conditions of a new climate.

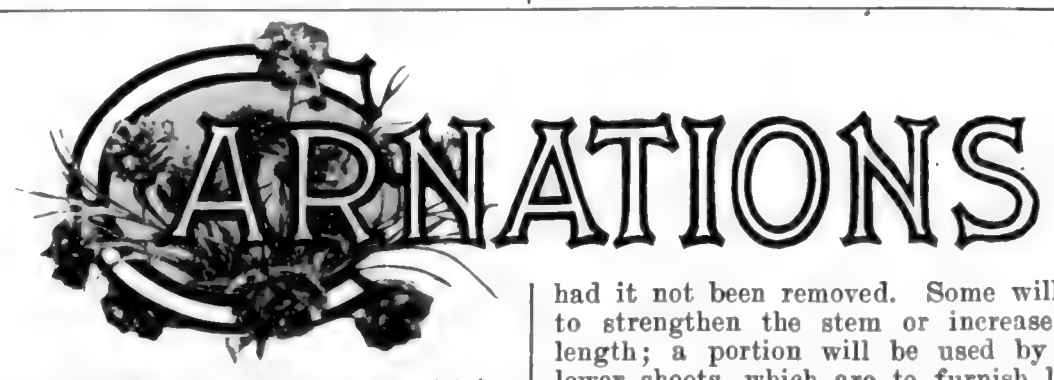
Mrs. H. A. Allen is also of dwarf, strong habit and as a reflexed pink will find a prominent place. Pinks are Wells' strong point. Last year we received three from this source, Duckham, Filkins and Cobbold, all of them very fine, as the shows will later on bear witness, and as private advices report Mrs. H. A. Allen as being an immense flower I look for a record breaker in this variety.

Mrs. W. Duckham reminds me much of Alice Byron, with its dwarf, sturdy foliage and neat, clean growth. Its raiser states that it is a great improvement on Cheltoni, that it is identical in form, but much deeper in color. It may be a better color, though it seems hard to believe that any variety could improve much on Cheltoni in its form, habit or general excellence.

There are many varieties on hand from other sources, one of which, Mrs. S. Shaw, is a bronze sport from Mrs. E. Thirkell. It shows the same small, insignificant foliage as Thirkell, but let not the gentle reader who may happen to be growing Thirkell for the first time imagine from its appearance that it is not worth much. Thirkell can be grown large enough to beat any yellow in cultivation today, and its bronze sport will be assured of a large sale on that account alone. Brian Boru.

Fayetteville, N. C.—Jas. M. Lamb reports a steady increase in the demand for native bog-plants for export.

Chevy Chase, Md.—W. C. Brooke & Co. report carnations doing finely. Bernard Winkler is the grower at this establishment. F. B. Foot, the junior partner, recently returned from a three weeks' trip to New York and Boston, during which he visited many growers.



CARNATION NOTES.—EAST.

Disbudding.

The term disbudding is used in reference to the removal of all surplus growth from the flower stem, whether it be young shoots or buds. It might be generally supposed the only advantage to be gained by the operation would be the increase in size of bloom, but, though this gain alone is sufficient to warrant its being done, there are other benefits to be derived from the practice. It is well to consider these that we may fully realize the importance of carrying this work on at all times.

In no case is it possible for the main bud to take on all the growth that would have been made in the surplus growth had it not been removed. Some will go to strengthen the stem or increase its length; a portion will be used by the lower shoots, which are to furnish later blooms. The remainder, not used by the main bud, is either stored up as a reserve or increases the vigor of the whole plant.

Of course the increase in stiffness or length of stem would hardly be noticed in some varieties and to me is not of such importance as the saving of energy or increase of vigor. It is desirable to make a comparison between disbudded plants and those from which no growth is removed by allowing a few plants to grow at will. By daily observation the advantages referred to can be readily seen.

If disbudding is delayed too long there will be no increase in size of flower, but it does not follow that the earlier it is done the larger will be the bloom; in fact, if buds are removed before they



Cattleya Gaskelliana, as Flowered by A. Herrington, Florham Farms, Madison, N. J.

can be readily taken off, injury to stem or foliage is apt to result. Both hands are needed in the work, one to grasp the stem, the other to remove the bud by a side pull.

Some of the varieties recently sent out require less disbudding than was the case with older sorts. Perhaps in a few years disbudding will be unnecessary except in some varieties. This would not be surprising when we consider the rapid strides that have been made in carnation culture during the past few years.

Tobacco Stems.

For the benefit of P. & P., who inquired last week as to the fertilizing qualities of tobacco stems, the following comparison is given, although, of course, stems vary somewhat:

Stable manure contains ten parts nitrogen, tobacco stems forty-seven; stable manure contains six parts phosphoric acid, tobacco stems fourteen; stable manure contains thirteen parts potash, tobacco stems 120.

It is generally advised to rot the stems in soil in preference to reducing to ashes. GEO. S. OSBORN.

CATTLEYA GASKELLIANA.

Several orchid importers are advertising, just at present, newly imported plants of this fine cattleya and our illustration presents a well flowered plant carrying some twenty-seven or twenty-eight flowers. C. Gaskelliana is grown in quantity at Florham Farms, Madison, N. J., and I am indebted to Mr. Herrington for taking the picture. A batch of several hundred plants of this variety was a handsome sight in June and well worth seeing.

C. Gaskelliana comes from Venezuela and, though slightly paler generally than the type of labiata, is still very beautiful. Personally I always found it very free flowering and easy to handle. It is generally classified as flowering in August and September, but I have never been able to keep established plants back later than July, owing, I presume, to the bright sunlight and warmth of early summer. After flowering the plants often make a blind growth in September or later, but this does not deter them from breaking out strongly shortly after the new year. Grown in a basket suspended from the roof, kept well watered in the spring and not too heavily shaded, C. Gaskelliana flowers well and grows and increases wonderfully year after year. It deserves a place in the front rank as an all-round useful cattleya.

CHAS. H. TOTTY.

BEGONIA REX.

I have about 200 Begonia Rex with good, strong root, which send forth leaves, some growing to be a good size, then begin to curl, turn brown at the edges and drop off. I have them in my propagating house, which is on the north side of the rose house. Could it be possible the fumigation of the roses causes this trouble? L. L. B.

We have never noticed that ordinary fumigation with tobacco hurt the begonias, but a strong dose may injure them. They don't need fumigation and if you can't give them a bench where there is no need of tobacco smoke, then cover thoroughly with newspapers when you have occasion to fumigate. If you find this isn't the trouble, then remove all the soil that will shake off without losing any roots and repot, using one part leaf-mold, one part well rotted manure and two parts fresh light loam. Put them in a shaded house. Although they need no spraying or wetting of the leaves, they like a moist atmosphere.

W. S.

CHAMPAIGN, ILL.—Henry Janecke, with C. C. Ferdinandsen, is visiting at Chicago, from which he will bring his family.

EUCHARIS AMAZONICA.

Although little seen now in our American flower markets, Eucharis Amazonica is a most excellent florists' flower, flowering as it does twice or thrice a year with a minimum of care if given anything like rational treatment.

Those who may have a piece of bench where they can command a brisk bottom heat could secure two or three crops of flowers a year by drying the plants off some time before a crop is needed. If a spare bench is not at command, pot culture may be tried with good results. Our illustration shows a plant shown before the Massachusetts Horticultural Society on August 13 by Henry Wild, gardener to Mrs. A. W. Blake, Brookline, Mass., which carried thirty-one spikes of flower and was awarded a silver medal for superior culture. Mr. Wild stated that the same plant carried a heavy crop of flowers last February, also that he had plants in both shady and sunny houses and that all flowered equally well. For design work eucharis flowers have no superior and the spikes are very effective for room decoration. W. N. CRAIG.

The following cultural notes are supplied by Henry Wild, of the A. W. Blake estate, Brookline, Mass.:

"In repotting eucharis, which is about once in three years, we wash all the soil away with the hose. The smaller bulbs are taken out and potted quite thickly in 8-inch pots. After being grown along for nine months, a top dressing of bone, cow manure and loam is given. When the roots push through, the plants are fed right along until they flower. As soon as the flowers are cut the plants are repotted, and in some cases placed in tubs, three pots to a tub. The compost used is a mixture of coarse loam, cow manure, bone meal, charcoal and sand. A porous compost is desirable.

"Two waterings of lime are given during the year to keep the soil sweet. In repotting the plants, all possible fine soil is shaken from the bulbs. The plants grown in tubs are rested during December and January, the syringe being used to keep the leaves from wilting and pests in check. The tub illustrated was made up of small bulbs potted with 8-inch pots four years ago. The first crop of flowers comes in February. An average night temperature in winter of 55 degrees is given."

DEATH OF DEAN HOLE.

The Rev. S. Reynolds Hole, dean of Rochester since 1887, and for many years president of the Rose Society of Great Britain, died August 27 of heart trouble, passing away while asleep.

Dean Hole was one of those genial clergymen not seldom found among the prelates of the Church of England who combine with thorough ecclesiastic ability and sincerity a wide capacity for the enjoyment of life. With all his fondness for outdoor life it was in his garden that he found his greatest pleasure and the successful cultivation of roses was the thing for which he was most widely known. His gardens at Rochester, near the cathedral, and at Caunton, where for many years he was curate, were filled to overflowing with roses which he loved and cared for as if they had been his children. In the preface to his "Book About Roses," which ran through eighteen editions and was translated several times, he said:

"I write this book about roses because having grown them for more than twenty years, having won more than thirty cups 'open to all England,' having originated the first rose show, and having at most of the subsequent exhibitions acted as judge or exhibitor, I ought to have something to say worth hearing to those who love the rose."

The dean was born in 1819 at Caunton, Nottinghamshire, and was educated at Newark-on-Trent and at Brasenose college, Oxford. He was ordained deacon in 1844, priest in 1845, and vicar in 1850. In 1885 he became chaplain to the archbishop of Canterbury, and a year later select preacher to the University of Oxford. In 1887 he assumed his duties as dean of Rochester.

His best efforts have been given to the welfare of the rose and he has long been one of the most active as well as the most influential and best beloved members of the British Rose Society. His "Book About Roses" has undoubtedly had a wider reading than any other work on the subject.



Eucharis Amazonica Grown in a Tub.

SOCIETY OF AMERICAN FLORISTS.

STATE VICE-PRESIDENTS' REPORTS.

Taken in the aggregate these reports are so voluminous as to preclude their publication in full. There are, however, many points in them of such great value or interest as to warrant a careful consideration. The salient points of a number of the reports follow.

Western New York.

We can easily stand a little more glass. Western New York at present appears to me to be very attractive for the man who wants to invest in glass, especially if his capital is limited. There are many nice little towns which by themselves can afford to support good sized establishments, while any surplus can always be turned over to the stores or commission men in the next big city. Of transportation facilities there is no lack. These remarks about more greenhouses in western New York are not so much meant for the already large establishments, but I rather believe that many a smaller man or, better say, many a man with a small place, can safely increase his glass area. The small man has, and I think always will have, as good a chance to exist as the big fellow, as long as he produces good stuff. We all know it requires brains rather than money to successfully conduct a greenhouse, and just now I think western New York is as good a field as any in the United States.—Chas. H. Keitsch.

Southern Illinois.

I think it easy to account for the falling off in business in some wholesale commission markets since most all the large growers are selling their product direct to the retailer; in fact, it seems most growers are drifting that way, for which, in my opinion, no one is more to blame than the wholesaler himself for the careless way in which cut flowers are handled. In these times of strong competition, the retailer doing a first-class business must have first-class stock, and unless he receives it in first-class condition it is of little or no value to him. I am a grower and speak from a growers' standpoint. I do not approve of the grower selling direct to the retailer, as the wholesale man is our happy medium, and we both, grower and retailer, need him and should strive to protect him, but flowers should be handled as such and not like hay. There is some extensive building going on in and south of Peoria, which means more stock both in roses and carnations for the St. Louis market the coming season.—J. F. Ammann.

Western Massachusetts.

The novel business, which originated here in the beautiful Berkshire hills, of furnishing florists hardy supplies, has steadily increased for the last twenty-five years, until Hinsdale is known as the center for that line of goods, which are gathered from all the towns in the western part of the state, also from Vermont and New York, there being several hundred people employed in this line of industry, the goods being shipped to nearly every city in the country, there being six wholesale dealers besides many who are in it on a smaller scale. The business has become so extensive that certain parties thought it best to have the legislature pass a law prohibiting the gathering of anything unless a permit was obtained or the land was leased for that purpose. This law provides a punishment by imprisonment of not more than six months, or by a fine of not more than $500.—L. B. Brague.

Connecticut.

In July I sent out about fifty letters to the principal growers and dealers in the state, enclosing a question blank, the answering of which would enable me to present a comprehensive report to the society. The circular letter called the attention of the craft to the aims and purposes of our society and the good work already accomplished and also contained a cordial invitation to join the society, for which purpose I enclosed an application blank and a stamped addressed envelope. The result was twelve answers and one application. The answers were all alike, speaking in the highest terms of the prosperous year just passed, and encouragingly of the future, but for all the acknowledged prosperity, there was only one that was prosperous enough, or who considered himself so, to invest a five-dollar bill for membership in our national society.—Theodore Wirth.

Western Missouri.

The past year has been the most successful in the history of the business, all lines showing an increase of from twenty to twenty-five per cent. Many losses from hail occurred during the year. A

few dollars invested on a policy in the F. H. A. is the only safeguard and in view of the complete protection afforded at such small cost it is surprising that anyone would be willing to assume such risks. The best indication of a healthy condition of business is the fact that nearly all growers are adding glass to their ranges. Many complaints are heard from those who purchased carnation cuttings of the new varieties disseminated by certain growers last season, as cuttings costing $10 or $12 per 100 arrived, in many cases, entirely worthless, being either weakly, poorly rooted or diseased. Such prices should obtain good stock.—GEO. M. KELLOGG.

Virginia.

During the past season business has been good in this state. Beauties, carnations and violets head the list of cut flowers. Palm stock is not moving as well as in former years. Lilies, when good, are still profitable and there is a steady demand for good Boston and Piersoni ferns. Paper White narcissus is grown in preference to the high priced Romans for funeral work. In all lines of bedding stuff the growers have cleaned out all on hand, but there could be improvement in this class of stock which would insure better returns for the grower.—H. BROWN.

Rhode Island.

The call for hardy plants and shrubs has been steadily increasing for some time and was felt in the bedding plant trade this spring. There is a very perceptible falling off in the bedding out of the usual plants that have been so extensively grown for the past few years, and an increase in the use of nasturtiums and other annuals. The custom of putting carnation plants into the houses earlier in the fall has been growing, until they now plant them in the house in the spring instead of outdoors. This is the most notable change I have observed in the growing of carnations for winter blooms. One large grower makes it a practice to set out his carnation plants in the field in the latter part of May, as early as he can, and some time from the first to the middle of June he sets them in the houses. If the success that he attains is due even in part to this manner of handling, it certainly is worthy of our imitation.—ROBERT W. GREENE.

Wisconsin.

The plant growers had an extra demand for bedding stock, and a number were cleaned out long before the season ended, especially on S. A. Nutt geranium and coleus. In cut flowers, carnations have been produced in great numbers and at times the wholesale houses ceased to have pleasure in handling them. The same can be said of bulbous stock. The glut which usually occurs at certain seasons was an enormous one. Roses are the more fortunate among the cut flowers; they hold their own.—F. P. DILGER.

New Hampshire.

A large proportion of the growing in this state has been done by the retailer, though we are now witnessing a very marked increase in the amount of glass devoted to wholesale growing. In Nashua a large vegetable grower is this year devoting his entire place to the growing of pinks and chrysanthemums. This gentleman is planting his stuff in the ground, doing away with benches entirely. This is a departure which will be watched with much interest. The state college has erected a range of glass during the past year, which will be used principally for experimental purposes. This will come to be appreciated by the growers of the state because of the opportunity which will be afforded to study the diseases of our greenhouse plants, and the best methods of treating the same.—E. R. SHAW.



Carnation Enchantress at E. A. Stroud's, Strafford, Pa.
(Field-grown Plants, benched early in July and photographed August 7.)

Central Michigan.

From reports I find that the business has increased about twenty-five per cent, and very bright prospects ahead. But I should judge the building will not be over half what it was last year, more attention being paid toward improving the quality of stock grown. Carnation growing has increased to a very large degree and I think when the advantages of our climate are known this branch will receive more attention.—W. C. COOK.

North Carolina.

The high price of cotton the past year has brought prosperity to our farming people but, strange as it may seem, has had a bad effect on the local florist who expected to sell plants in the mill towns, as the high price of cotton has had the effect of running most of the factories on half time; that meant short cash and no luxuries for the people. But on the whole the year's work has been satisfactory and a few report increase in trade.—JAS. M. LAMB.

Ohio.

We have had an exceptional era of prosperity in the season just closed. The demand for bedding stock has especially shown a marked increase over former years, due, I think, to the education of the working and the middle classes in the matter of home adornment. I feel that certain credit should be given for the increased demand in plants and shrubs to the education of the children and also of great numbers of indifferent adults, to appreciate the beauties of the floral kingdom through the expression of sentiment fostered and disseminated by that remarkable and patriotic institution, the Carnation League of America, reared in honor of a clean, upright and sentimental manhood, and which appropriately chose as the emblem of that sentiment, President McKinley's favorite flower, which was worn by over three millions of its members on January 29, 1904.—H. M. ALTICK.

Maine.

The year has been a good one on the whole. We were able to hold our prices up to a better standard than ever before, and so the result in the end has been very satisfactory. But the amount of building is not as large as usual this season. The Maine florists are not getting rich, but they are making some gains and are keeping well abreast of the demand for their goods in the state. A stronger feeling of union and co-operation among them and a larger membership in this society would be both pleasant and beneficial.—H. R. MITCHELL.

New Jersey.

The standing of New Jersey as a horticultural state is interesting. In the number of square feet of glass surface, New Jersey stands fifth in the Union, exceeded only by New York, Illinois, Pennsylvania and Ohio. In value of greenhouse structures it stands forth. In proportion to size, population, and wealth it easily takes first rank among the states in commercial floriculture. Here the growing of roses in large quantities for cut flowers was developed from an early small beginning, and the lead has been steadily maintained until the present time. Taking Chatham, in Morris county, as a centre, within a radius of four miles we find the principal home of the industry, including Madison in the same county, and Summit and Murray Hill in the adjoining county of Union. About fifty growers about Madison tells the story of a locality, small in area but great in the production of the queen of flowers. A fair number of carnations of good quality are also produced in the state. Violets are no longer grown here for market, owing to the diseases which have overtaken them. There are several extensive plant factories. The past year has not come up to the average in profit to the grower and we hear of some going out of business and of fewer "butting in." Horticultural builders are not experiencing altogether a jolly time at present because of the plethoric pocketbooks of the growers. Economy with discretion has become the watchword of growers and a period of conservative ac-

tion on their part seems to have arrived. The fellow who brags of the big pile he has made has not shown up this season. But as some of the causes which have brought a feeling of depression to florists, particularly the growers, are not likely to prevail another year, a looking forward for a better year coming is general.—W. B. Du Rie.

Louisiana.

In the southern part of our country, where many plants grow to perfection outdoors and where roses and other flowers bloom almost the entire year around, demand for plants has been as good as anywhere up north and therefore it was not easy for the gardener to get overstocked. This is an ideal climate for palms and almost any variety can be grown outdoors with slight protection against the hottest rays of the midday sun. Phœnix, chamerops, Washingtonias, sabals, cocos and even latanias and arecas may be grown in full sun and attain a fine, healthy color. It would take two and three years of careful nursing under glass up north to get palms to that perfection which can be done here in one year and our plants are much hardier and stouter and, above all, free from insects and fungous diseases. A good deal of interest has been taken in chrysanthemums and some of the best varieties were grown to as good perfection here as anywhere up north and proved a well paying crop to those that ventured in that undertaking. The cut flower trade has been pretty good during winter and early spring, but few home-grown flowers were sold by our florists, as the demand has been principally for northern roses, carnations, valley and other stuff, as we have no one that makes a specialty of growing any under glass, although the demand is large enough to induce the growing here. The general idea has been that it could not be done profitably here, but I think it could be made a success. Vegetable growing for shipping to northern markets has become quite an industry in lower Louisiana. In the early part of May, in two weeks' time, 37,000 barrels of cucumbers were shipped out of New Orleans. Grand Island and the section along Barrataria Bay produces the finest cauliflower in the United States. Cucumber forcing under glass is quite an item. A few are grown in frames with horse manure to give the necessary temperature, but the best are raised in special houses heated by hot water and prove to be a well-paying crop. There is an immense demand for Louisiana hothouse cucumbers during the months of January, February and March and prices are better than can be realized for any other crop or truck. Horticulture has certainly a future in Louisiana.—Harry Papworth.

Kansas.

Trade in cut flowers was good the past winter, the demand greater than the supply. Trade was also good in plants. There is some greenhouse building this year, and I think there will be more next year.—A. H. Whitcomb.

Kentucky.

From answers to a circular letter sent out the latter part of June, I learn that trade has been on the increase, some reporting a twenty-five per cent increase for the year. New glass is going up everywhere and, while no very large additions are being made, there is enough to exhibit a healthful business condition. —S. M. Harbison.

Alabama.

The season just closing has seen remarkable progress in all branches of our trade, the call being generally for the finest quality of cut flowers. Where a few years ago our citizens were content to spend a few cents, they now spend dollars, and it is with great satisfaction I note that as soon as a new home is completed the next step is to beautify the grounds. The sale of palms and ferns is enormous, with prices far in advance of those received by our friends in the north, east and west. Our state motto, "Here We Rest," does not apply to our profession.—Amy K. Luffman.

Western Michigan.

In consequence of the increased demand for plants and cut flowers beyond the present glass capacity of the growers, large additions are being built at the old places and many new ones are going up. To this can be added the number of old plants that are being torn down and rebuilt along modern lines, which all attests the healthy, prosperous condition of the trade in Michigan. Michigan is noted for its violets. The past season was not a very favorable one, on account of the extreme low prices, yet they are being more extensively planted this year than ever.—Geo. F. Crabb.

CHARLEROI, PA.

The Review has been a great help to me in my business. I started four years ago without any experience whatever. I had two hot-bed sashes at that time and have now 2,000 square feet of glass in greenhouses, having built it out of the profits of the business. Trade was very good here last spring, everything being sold out by Decoration day. There are four of us in business here, with about 30,000 feet of glass. Trade is dull at present, nothing doing but getting things in shape for fall, when we expect a good demand. Jos. Haube.

PLAN FOR HEATING.

Last season I propounded some heating queries to the Review and you kindly offered to supply a plan for heating my range. I did not get it then, because there was a florist here from Chicago who said he could save me considerable money. His plan was to build a brick furnace and put in several coils of 2-inch pipe. It took a lot of coal and as much if not more work than a steam boiler, without giving as much heat as we needed in the coldest weather. Now we shall have to tear it out and try again.

I have three houses, running east and west, the south house 20x100, the middle one 18x100, the next 22x100. These are separated by four-foot partition walls. The south wall is two and one-half feet high, the north five feet. The gables are glass. The south house is twenty-three feet over the glass, used for carnations and 52 degrees required when it is as cold as 20 and 30 degrees below zero outside. The second house is divided by a partition across at the middle, the west end without benches and used for cool stock; 40 to 45 degrees will do here. The north house is partitioned twenty-four feet from the east end and is twelve feet to ridge. The larger section has both solid beds and benches, for roses. The small section is for plants and requires about 55 degrees. At the northwest corner is the office. Back of this is a house 12x24 for palms, and back of this, about midway of the plant, is the boiler room. I believe I would prefer hot water, as the place is hardly large enough for a night man. We use soft coal. W. H. S.

Your plant requires a boiler capable of supplying heat to 2,000 feet of radiation, which is not a large amount to be carried by a single boiler. The arrangement of the partitions in the houses in reference to the location of the boiler house or furnace room renders the piping of the plant somewhat difficult. With hot water it will be somewhat more complicated and difficult to handle than with steam, but there is no reason why hot water should not be made to accomplish the result desired.

It will be necessary to have a deep boiler pit, so that the crown of the boiler may be two feet or more below the floor in the south house. For this house a 3-inch flow pipe will be required. It should extend from the boiler along the line of the partition in the middle house to a point directly under the ridge in the south house, where it may be carried to the ridge and from there allowed to drop toward each end of the house, using a 2-inch pipe under the ridge in each direction from the



Establishment of A. Jablonsky in Course of Erection at Wellston, Mo.

3-inch upright. At each end of the house divide the 2-inch pipe into three 2-inch pipes, one to follow the slope of the roof to the south bench and there divide to supply three 2-inch pipes placed under this bench, which shall extend to the center of the house and there, by a header, be collected into one. The wide benches should each have a 2-inch supply pipe dividing to supply three 2-inch returns under each. These should then be united by a header and all finally collected into a 2½-inch return pipe which should return to the boiler.

The west end of the middle house can be piped by hanging four 2-inch pipes on the north wall and three on the south wall, and feeding all from a 2-inch flow pipe under the ridge. The east end should have a 2-inch riser under the ridge, two 2-inch returns under each side bench and four 2-inch returns under the wide bench. On account of the cross walk through the middle of this section these pipes will have to be carried close to the ground. A 2½-inch riser should be brought from the boiler to a point under the ridge and there carried in an upright to supply the two 2-inch lines going to either end of the house.

The north house, the one twenty-two feet wide, is a little more difficult to pipe by this plan, but it may be done as follows: Bring a 3-inch riser to a point under the ridge and carry a 2-inch one to the west and a 2½-inch line to the east as far as the partition of the room 22x24 feet. At this point insert a tee with a 2-inch opening looking into the room 22x24 feet and another looking down on the west side of the partition. From each carry a 2-inch line, the one in the east section to return by two pipes under the north bench, three under wide bench farthest north, two under the other wide bench and one under the south narrow bench. The other section can be piped by carrying returns from each end of the compartment to the fifty-foot line, using the same number and disposition of pipes as in the house 22x24 feet. If you do not wish to use valves in the flow pipe so as to cut off the house 22x24 feet, both the riser and returns can be carried through without interruption and the size of the riser from the fifty-foot line east need not be increased; a 2-inch line in each direction will be sufficient.

The little house between the office and boiler house requires 184 feet of 2-inch pipe. It should have four lines of 2-inch pipe under the north bench and four lines under the wide bench. A 2-inch line under the ridge will supply both coils.

With such a plant to be run with hot water and soft coal fuel I should advise the use of a steel boiler with jacketed fire box, i. e., inside the shell with water all around and with large return tubes. There are many boilers of this pattern on the market. L. C. C.

STEAM DOME UNNECESSARY.

A boiler is better without the steam dome, says the Practical Engineer. The steam dome is supposed to effect a drying of the steam and also add to the steam space of the boiler. Both of these purposes it certainly performs, so that it cannot be objected to upon the grounds of inefficient service. In the first place, it removes the outlet of the steam to a greater distance from the water surface and consequently there is less chance of carrying water over when the boiler primes slightly. Being of comparatively large cross-section, the velocity of the steam passing through it on the way to the outlet is comparatively slow. This gives the moisture particles entrained with the steam an opportunity to fall out of the steam by mere action of gravity. However, there are other and better ways of securing the same result. The dry pipe is just as useful in obtaining dry steam as is the dome. It is merely a perforated pipe attached to the outlet, but lying wholly within the boiler. The areas of the perforations when taken together are considerably greater than that of the steam main leading from the boiler. The dry pipe is usually placed so as to extend along the upper part of the steam space and parallel to the longitudinal axis of the boiler shell. It thus draws steam from a large portion of the steam space.

Its main advantage over the dome, however, lies in the fact that its attachment to the boiler does not weaken the shell to any appreciable extent. In order to attach a dome, the shell of the boiler beneath the dome is cut away, thus removing a large amount of solid plate, making the boiler considerably weaker under the transverse strains.

I HAVE been pleased with the REVIEW during the past year and could not well afford to be without it.—JOHN W. SCOTT, Lisbon, O.

COLUMBIA, S. C.—Martin Stork, of the Rose Hill Greenhouses, says the florists' business in this state is still in its infancy, but judging from the increasing demands for cut flowers from all sections of the state, it is plain that it is no longer an experiment. Greenhouses are being built and enlarged in a number of the smaller towns.

Vegetable Forcing.

LETTUCE AND RADISH.

At what time should Grand Rapids lettuce be sown to get a crop by November 20? What is the best method of culture? What is a good forcing radish?

J. H. T.

Grand Rapids lettuce takes from ten to twelve weeks from time of sowing the seed until they are large enough to be most profitable to cut, so if you want them at November 20, the sooner you get the seed in the better. For cultural hints see the answer to E. C. L. in the issue of the REVIEW of August 25. In addition to this I would advise to sow the seed rather thinly in flats or cold frame and prick over once before the final planting, setting them about two inches apart each way. Before the plants begin to crowd one another plant out where they are to mature, allowing a space of eight inches each way.

The best forcing radish we have tried is Non Plus Ultra. This is a dwarf, quick maturing variety and one that has always succeeded well with us.

W. S. CROYDON.



Another View of the New Houses of A. Jablonsky at Wellston, Mo.

HOUSES FOR CUCUMBERS.

Different types of houses are utilized in the growing of cucumbers. Market gardeners who raise two or three crops of lettuce during the fall and winter generally plant cucumbers in their lettuce houses in late winter or early spring. These lettuce houses are almost invariably either two-thirds or even-span, and in Massachusetts they are provided with ground beds instead of benches. They are glazed with 16x24 or 16x28-inch glass, and in some of the modern houses 20x30-inch glass is used. The use of this larger glass results in giving a house considerably more light, thus increasing growth. A house glazed with 20x30-inch glass requires only five sash bars to cover a space demanding six sash bars where 16x24 or 16x28-inch glass is used, and the inferior light conditions due to more frequent lapping are avoided.

A modern even-span lettuce house 40x630 feet, constructed with 20x30-inch glass is known to have cost $952 per lineal foot or 23 cents per square foot of ground covered. According to our estimate a house of this size, if constructed with sash bars two inches wide, would by the use of 16-inch glass furnish about 745 square feet more opaque surface, than if glazed with 20-inch glass; or in other words there would be about nineteen per cent. less sash bar surface to

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Kansas.

Kentucky.

Alabama.

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CHARLEROI, PA.

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W. H. S.

3-inch upright. At each end of the house divide the 2-inch pipe into three 2-inch pipes, one to follow the slope of the roof to the south bench and there divide to supply three 2-inch pipes placed under this bench, which shall extend to the center of the house and there, by a header, be collected into one. The wide benches should each have a 2-inch supply pipe dividing to supply three 2-inch returns under each. These should then be united by a header and all finally collected into a 2½-inch return pipe which should return to the boiler.

The west end of the middle house can be piped by hanging four 2-inch pipes on the north wall and three on the south wall, and feeding all from a 2-inch flow pipe under the ridge. The east end should have a 2-inch riser under the ridge, two 2-inch returns under each side bench and four 2-inch returns under the wide bench. On account of the cross walk through the middle of this section these pipes will have to be carried close to the ground. A 2½-inch riser should be brought from the boiler to a point under the ridge and there carried in an upright to supply the two 2-inch lines going to either end of [illegible].

The north house, the one twenty-two feet wide, is a little more difficult to

With such a plant to be run with hot water and soft coal fuel I should advise the use of a steel boiler with jacketed fire box, i. e., inside the shell with water all around and with large return tubes. There are many boilers of this pattern on the market. L. C. C.

STEAM DOME UNNECESSARY.

A boiler is better without the steam dome, says the Practical Engineer. The steam dome is supposed to effect a drying of the steam and also add to the steam space of the boiler. Both of these purposes it certainly performs, so that it cannot be objected to upon the grounds of inefficient service. In the first place, it removes the outlet of the steam to a greater distance from the water surface and consequently there is less chance of carrying water over when the boiler primes slightly. Being of comparatively large cross-section, the velocity of the steam passing through it on the way to the outlet is comparatively slow. This gives the moisture particles entrained with the steam an opportunity to fall out of the steam by mere action of gravity. However, there are other and better ways of securing the same result. The dry pipe is just as useful in obtaining dry steam as is the dome. It is merely a perforated pipe attached

Vegetable Forcing.

LETTUCE AND RADISH.

At what time should Grand Rapids lettuce be sown to get a crop by November 20? What is the best method of culture? What is a good forcing radish?

J. H. T.

Grand Rapids lettuce takes from ten to twelve weeks from time of sowing the seed until they are large enough to be most profitable to cut, so if you want them at November 20, the sooner you get the seed in the better. For cultural hints see the answer to E. C. L. in the issue of the REVIEW of August 25. In addition to this I would advise to sow the seed rather thinly in flats or cold frame and prick over once before the final planting, setting them about two inches apart each way. Before the plants begin to crowd one another plant out where they are to mature, allowing a space of eight inches each way.

The best forcing radish we have tried is Non Plus Ultra. This is a dwarf, quick maturing variety and one that has always succeeded well with us.

W. S. CRAWFORD.



Another View of the New Houses of A. Jablonsky at Wellston, Mo.

so by this plan, but it may be done as follows: Bring a 3-inch riser to a point under the ridge and carry a 2-inch line to the west and a 2½-inch line to the east as far as the partition of the [illegible] 22x24 feet. At this point reduce the west line with a 2-inch opening looking into the room 22x24 feet and another looking down on the west side of the partition. From each carry a 2-inch line [illegible] in the east section to return [illegible] wide bench farthest north, two [illegible] wide bench next the south and two on the narrow bench. The [illegible] can be arranged [illegible] each of the wide benches [illegible] 22x24 feet. [illegible] 22x24 feet. [illegible] 22x24 feet, [illegible] can be arranged [illegible] the [illegible] 184 feet [illegible] should have two lines [illegible] pipe under the north bench [illegible] lines under the wide benches. A [illegible] line under the ridge will supply [illegible]

to the outlet, but lying wholly within the boiler. The areas of the perforations when taken together are considerably greater than that of the steam main leading from the boiler. The dry pipe is usually placed so as to extend across the upper part of the steam space and parallel to the longitudinal axis of the boiler shell. It thus draws steam from a large portion of the steam space.

Its main advantage over the dome, however, rests in the fact that its proper use in the boiler does not weaken the [illegible] [illegible] [illegible]

obstruct light in this house if glazed with 20x30-inch glass than if glazed with 16x24-inch glass. There would also be an improvement in the light conditions owing to the less frequent lapping required by the larger glass.

That this increase in the amount of light is of great advantage in the growing of such crops as cucumbers and lettuce under glass in winter there is no doubt. It has long been known to vegetable physiologists that, where the light conditions fall below the normal requirements of the plant, increasing the amount or intensity of the light by artificial means, such as the use of electricity, etc., considerably accelerates the process of assimilation. It is, indeed, not difficult to observe practical and conclusive demonstrations of the positive beneficial effects which superior light conditions have upon such crops as lettuce and cucumbers in greenhouses. Many experiments have been made by the writer which show this.

The most common type of house used is shown in figure 1. This house is especially built for cucumber growing and would not be adapted to lettuce. Houses of this type are furnished with beds containing about one foot of soil, in which is usually buried 2-inch porous tile for use in subirrigation. This type of house is usually fifteen to twenty-three feet in width and from 100 to 200 feet in length. Many of these houses are provided with two layers of glass throughout, a space of one and a half or two inches being left between the layers. Small ventilators are placed near the top of the roof but seldom on the sides. Some of these houses are built with heavy wooden frames which, together with the small and inferior glass frequently used, results in rendering light conditions too poor for the production of healthy plants or large crops. The outer row of plants is trained to follow up the sides and roof, and, when the house is eighteen to twenty-three feet in width, one or more rows are planted through the middle. The middle rows are necessarily more shaded and invariably prove of little value as crop producers in double glass houses. The house from which the illustration was prepared is 20x106 and cost $16.03 per lineal foot or 80 cents per square foot of ground covered.

The style of house shown in figure 2 is less frequently devoted to cucumbers, but occasionally such houses are made use of for that purpose. It is, however, a typical lettuce house, the highest side being boarded. The method of training the plants is shown in the illustration and is different from that practiced in regular cucumber houses.

This method of training is generally adopted in houses of this type. The house in which the sketch was made is 36x200 and cost $10 per lineal foot or 27 cents per square foot of ground covered.

The cheapest and most economical house to build and operate in the production of cucumbers is an even-span or two-thirds-span house of large dimensions, such as is most frequently used by lettuce growers. The construction, heating and management of a large house are proportionally cheaper than of a small house. It is a significant fact that the largest and most satisfactorily built and best lighted house which we have seen cost the least per lineal and square foot. If a side hill with a southern slope were available, an economical house well lighted and easily heated could be built at probably still cheaper rates.

In conclusion it may be stated that the most important features brought out here are that a large house costs less per unit of structure than a small house. The cost of operating the same is proportionally less. The cost of production is less in a large house than in a smaller one, and it would be more economical to manage one large house 40x300 feet than three small ones 20x200 feet having the same total area. From various observations which have been made on greenhouses, it is evident that cucumber growers have in many instances shown a lack of thought and business ability in the construction of their houses, whereas lettuce and rose growers, who are subject to more competition in their business, are continually making use of the best materials and principles in greenhouse construction and management.—George E. Stone in bulletin of Hatch Experiment Station.

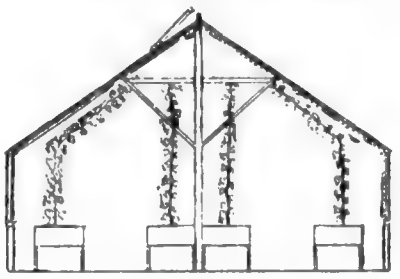


Fig. 1. Typical 20-foot Cucumber House.

BOSTON.

The Market.

There is not much new to chronicle for the past week's market. Roses are coming of somewhat better quality. They include some very good Carnot and Kaiserin from a number of growers. The best bring about $6 per 100. Beauties are rather more plentiful. In addition to Worcester Conservatories, the Waban Consevatories, Anderson and Williams and one or two others are sending in good blooms. Prices range from $6 to $18. Brides and Bridesmaids seldom fetch over $2. A good many of the poorer grades are handled by the fakirs.

Carnations from the new indoor crop are now arriving from several growers. Some nice outdoor stock is also coming in. The best sell at $2 and $2.50. Gladioli are quite plentiful and still sell at $2 to $3. Lily of the valley brings $2 to $4. Asters are very poor, many being badly spotted. Demand for asparagus, adiantum and smilax is light.

Weekly Exhibition.

The last of the free weekly flower shows at Horticultural Hall occurred on August 27. There was not a very large display of flowers, but the fruit and vegetable classes drew fine displays. For collection of fifty vases of asters in not less than twelve varieties, Mrs. J. L. Gardner, Wm. Thatcher gardener, and W. J. Clemson, J. O. Kristenson gardener, won in order named. Two fine collections of thirty varieties of hardy herbaceous plants were staged. Carl Blomberg was first and Walter Hunnewell, T. D. Hatfield gardener, second.

W. G. Winsor showed over sixty varieties of cactus dahlias. The blooms were very fine. Mrs. L. Towle also had a fine collection. E. S. Wheeler showed a collection of seedling gladioli, Mrs. E. M. Gill a general display and L. H. Atkins a table of flowers grown in an apartment house yard, the latter receiving honorable mention. About 150 varieties of fungi containing edible, poisonous, deleterious and "unknown quality" sorts were staged.

The next regular exhibition is the big autumn show of flowers, plants, fruits and vegetables September 22 to 25. A splendid exhibition, which will fill all halls, is expected.

Various Notes.

George Anderson, of Hyde Park, and Mr. and Mrs. E. J. Canning and family, of Northampton, Mass., were among the passengers returning on the S. S. Ivernia, on August 24.

The new flower market under Music Hall is in the hands of a contractor, who hopes to have it completed early in September. The new location is very central and has ample floor space. It unfortunately has a serious defect in lack of light. There are no windows at all, and the only daylight comes from the entrance doors, making artificial light a necessity at all times. The facilities for teams approaching the entrance are also not of the best. We wish the new market a prosperous career, for they undoubtedly have the well-wishes of a large clientele. We honestly believe, however, that a location nearer the South Terminal station would have been more convenient and better in many ways. The auction sale of stalls in the new market occurs on August 31, that in the Columbus avenue market taking place on September 3.

Prize lists containing all prizes offered by or through the Massachusetts Horticultural Society at the coming chrysanthemum and rose shows will be issued in a few days.

John K. M. L. Farquhar sailed for Europe on the S. S. Ivernia on August 30. He will visit Great Britain, Holland, Belgium, France and Germany in the interest of his firm. He carried over in cold storage a box of blooms of Farquhar's new Christmas lily to show to London experts. He will return about the middle of October.

W. E. Doyle had a nice lot of Clerodendron Balfouri in the window of his Boylston street store the past week.

W. N. Craig.

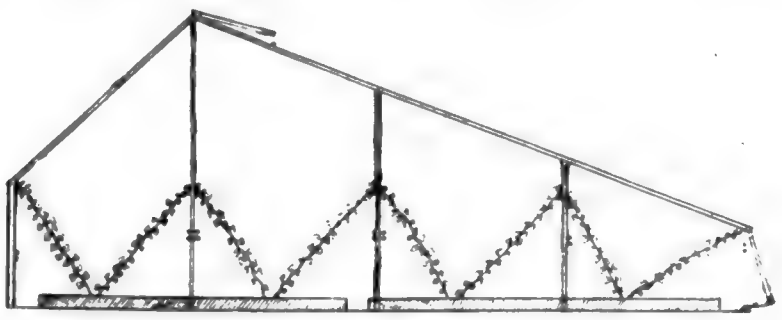


Fig. 2. Lettuce House 36 Feet Wide Planted to Cucumbers.



Fancy Clipped Box Trees at Establishment of Julius Roehrs, Rutherford, N. J.

BUFFALO.

Washington is Popular.

Since our return from St. Louis we find that all our brother florists are well pleased with Washington for next year's convention, and the boys of the capital can rest assured that it will be a rousing, old-time convention. If we remember aright, the first Washington convention was a "buster" in every respect. We promise to be Gude-Gude boys, while all being Freemen in our actions.

A Grand Gladiolus.

Business for the past two weeks has been well up to the average of this dullest of seasons. Carnations are scarcely visible. Sweet peas are getting poor and roses are at their lowest ebb, except Kaiserins and some Beauties. Asters and gladioli are now the staples. Speaking of gladioli, we received a hundred spikes a few days ago from Frank Banning, of Kinsman, Ohio, of a light, soft pink variety named Reuben H. Warder. We think we have seen a good many gladioli in our time, but never, assuredly, have we ever seen such a flower as this. In color, in stoutness of spike and in size and substance of flowers it is wonderful. It simply eclipses all varieties we ever saw. We are told by George Asmus, of Chicago, that when Reuben H. Warder appears in the Chicago market it is fought for and obtains a high price, and no wonder.

Florists' Club Picnic.

Last Thursday the Florists' Club held its annual outing. About 175 turned out. The place selected was a private club house on Grand Island, known as the Half-Past Twelve Club, of which W. F. Kasting is a member. We got off late and before we were far out on the billows of the usually calm but rapid Niagara, a small cyclone met us as it came up from the falls, and seldom has old Niagara put on more airs. The tug went plowing through, but the flat-bottomed scow that held most of the party rose and fell like a bottle-nosed whale and, besides producing that funny feeling in many, it put serious thoughts in others, men (particularly young sinners) as well as women, so much so that as soon as terra firma was reached, hurried preparations were looked up for a safer return. Very few, however, were allowed to leave the crowd. The rain stopped, the wind went down and a start was made to carry out the program of sports which had been carefully prepared. But two events were run, besides the ball game. The hundred-yard dash was won by Charlie Reickert, L. Longley, second, W. Greaver, third. In the ladies' race of fifty yards Mrs. Reickert was first and Mrs. J. Bailey second. All eyes were so intensely fascinated with the action and stride of the winner that no one was placed third. This race was known as the Grand Island Selling Stakes. The first prize was a bottle of whiskey, second a piano and third a baby carriage. Thinking that the ball game was of greater general interest, the east side lined up against the west and the east side won by a score of 8 to 1. The battery for the east was Johnnie Weiss and David Scott, for the west Roland Cloudsley and Robbie Scott, umpire W. F. Kasting. Some thought his decisions impartial, some thought he was horribly rank. He imposed many fines for disputed decisions and sass from the players and W. A. Adams was ejected from the grounds for all-round kicking and back talk.

Then came the inevitable camera, then a most enjoyable repast, marred only by the fact that we couldn't all sit down together. There was irrigation and fumigation in abundance. Then there was dancing. About 9 o'clock the whistle blew, the anchor weighed and "All aboard!" was the word. It's greatly to be deplored that the program could not be run off, but it's going to be. The Buffalo Florists' Derby would have caused much merriment, as it had a large entry list and each contestant had to carry on his back for seventy-five yards a man or boy weighing not less than 130 pounds.

Notwithstanding the subsidence of the storm, the comparative calm and the moon's soft light, a score of the young and nervous element hired hay racks and rode through the woods to the east side of the island to catch another steamer. Recollections of the flat-bottomed scow and fried chicken were too much for them and so they missed a most enjoyable part of the day's outing. An impromptu chairman installed himself and called upon many present for "a few remarks" or a little story from L. H. Neubeck, Wm. Eihmann, Wm. Hewson, C. H. Keitsch, Prof. Cowell, Mr. Collins, of Pine Hill; D. B. Long, Emil Brucker, George Troup, Rudolph Boettger and some others not intentionally omitted. Mr. Long spoke earnestly of the McKinley monument, to which it is the privilege of the florists to contribute $10,000 for its perpetual care. Mr. Long will make an excellent chairman to raise the local offering. George Troup, the able superintendent of our matchless Forest Lawn cemetery, took occasion to say that on his part there was not the slightest wish to infringe or curtail the business done by the florists in Forest Lawn. His first duty and service was to his charge, but he hoped that always would there be most pleasant relations between the superintendent and the florists and whatever he could do to promote that understanding would be his aim. W. S. told of his experience on the field of Chickamauga, when cared for by a colored family, and just then the scow bumped up against the landing place.

In conclusion I am instructed to say by several of those young men who rode through the dark woods on a hay rack, that as they had Mrs. Phil Hauswirth and Mrs. George Asmus, of Chicago, with them, they by no means envied anyone.

W. S.

PAYS FOR MONEY ORDERS.

The Templin & Sons Co., of Calla, Ohio, last spring introduced a feature in their mail order business which was so convenient and satisfactory to their patrons that it would seem worthy of adoption by the seed and plant trade in general. They announced in their catalogue that the cost of every postoffice money order or express money order should be deducted from the amount sent them in ordering seeds, plants, etc., from them. The firm seems well pleased with the results, and will doubtless continue the same liberal offer in future.

T. S. T.

CRESCO, IA.—W. B. Perry says that the general report is that palms are slow sale with Iowa florists.

PHILADELPHIA.

The Market.

Semple's asters are the feature of the market this week. They are very fine and can be had in quantity in all the colors. That the buyers appreciate them is evidenced by the way they are selling. Most orders seem incomplete without a bunch or more of asters. Carnations from freshly planted stock are putting in their appearance. The Leo Niessen Co. has had some fragrant blooms of Flora Hill, Mrs. Lawson and Queen Louise. Dahlias, especially pompons, are becoming more plentiful. They are very nice blooms, but a trifle short in stem. There is a steady demand for fine valley. Tuberoses are in season now. They are not likely to be plentiful. Roses are very abundant and the ordinary grades are cheap, but selected stuff brings fair money for the season.

The Event of the Week.

The event of the week was the opening of the Flower Market on Monday morning. Their new quarters consist of a ground floor 30x60 feet, with the basement underneath. There are twenty-five stalls besides some floor and wall space rented. The office in front is very well lighted. Nearly all the stalls are rented. Being early in the season, about half the growers were represented on the opening day. The location is unsurpassed from a business standpoint, being only one square away from each of the two great railway terminals. Manager Meehan is making preparations for an active campaign during the coming season.

A Clever Contrivance.

It is a privilege to be admitted to the sanctum of a successful business house. It was Phil's good fortune, one afternoon, to pass a too short half hour in the second story front rooms on lower Market street from which Johnson & Stokes conduct their seed business. A pleasant greeting from Walter P. Stokes was followed by an interesting chat, partly devoted to a device which Mr. Stokes has planned and carried out for photographing fruits, vegetables and flowers. His camera, with a short focused lens especially adapted for the work, stands on a frame set on casters, in front of the large window. Just in front of the camera, and connected with the frame, is a sort of easel on which the fruit or vegetable is placed with a background of light gray or dark green cloth, as best suits the coloring of the subject to be photographed. Should a flower be used, a frame with plate glass front skilfully arranged to hold the flower in place is added. The easel can be turned to any angle necessary to avoid or secure shadow, be it horizontal or perpendicular, the camera turning to suit. In a room back of the office the plates are developed, the ruby light being admitted softened to give just the strength desired. Some plates of fine melons were wonderful in their perfection of detail. Mr. Stokes is president of the amateur photographers' association. His work is of a high order and the firm is thus able to illustrate its catalogue with reproductions of the product of their own seed.

Ombre Effects.

Progress in combinations of colors and shades is most strikingly shown in the so-called ombre effects produced in chiffons, chip ribbons and pot covers. The gradual shadings from a deep to a pale tint of color and then to shades of another color that harmonize with the first are exquisite. The softness and beauty of these ombre effects will appeal to the taste of the flower artist at first sight. Another dainty effect is the fairy-like magnolia leaf. This appears to be simply a skeleton leaf; no tissue or sap left, only veins and stem, a graceful green wand that a breath of air will sway. Phil is indebted to the courtesy of M. Rice for a glimpse of these dainties.

Various Notes.

H. Bayersdorfer & Co. have their handsome and spacious warehouse crammed full of beautiful novelties and standards. Some new designs and colorings in Christmas bells are very pleasing. The firm has done a great business in the west lately.

William J. Moore, wholesale florist, has opened for business at 1235-37 Filbert street, where he is ready to see all his old friends.

Edward Reid is receiving some fine Semple's asters in all the popular colors.

Charles P. Poryzees has opened a new store on Fifteenth street, near Chestnut.

Samuel S. Pennock is enjoying an ideal out of door life in a camp in the Adirondacks.

Berger Bros. continue to receive good shipments of fine asters.

Pennock Bros. are displaying some beautiful pink cosmos.

H. Bayersdorfer and Mrs. Bayersdorfer have returned from Atlantic City.

Joseph Heacock has sent out a beautifully illustrated booklet, with photos of his place, his specimen kentias and in raised and colored figures his phones.

Wilmington.

N. D. Gachor, the well known Broad street station florist, declares that carnations are now the best paying flower. This statement is borne out by the building about Wilmington, Del. Nelson Tally has erected two houses, doubling his plant. C. H. Simon has added one house and H. M. Paschall, of Holly Oaks, nearby, has also added one house during the past summer. It is understood that all these houses are for carnations. All the growers named above ship their stock to the Leo Niessen Co.

PHIL.

PITTSBURG.

The Market.

Trade the past week has been reported extremely slow, but in looking through the stores one finds a little doing in all of them, and the proprietors in a good humor, so that it is not as bad as it might be. The stock on show in most of them looks very good for this season. Gladioli and asters are specially fine and roses are improving every day. Carnations are not in evidence at all, but with Harrisii, lancifolium lilies and valley they manage to make a good front and take care of any trade coming their way.

The nights being extremely cool have caused some mildewed stock to appear and the fellow who does not grow roses himself asks the old question, "Do those growers take care of stock all spring and summer, and then allow themselves to be caught napping in the fall; is it carelessness, or do they forget from year to year that their young roses will not stand the cold, damp nights?"

Various Notes.

A crowd of the Pittsburg and Allegheny florists took advantage of the Turners' excursion to Wheeling last Sunday. They took in the parks, ball games and visited their Wheeling friends and got home about midnight, after being held up by a passenger wreck on the B. & O.

There was a kind of harvest home out in Butler county one day last week. Some of the boys went out and all, with the exception of one who was left along the road, got back safely.

Karl Klinke, the Pittsburg Cut Flower Co.'s bookkeeper, is back from the World's Fair. He says he went to see it all, and thinks he did, especially the Pike. He says you are not saving money while in the hands of those fellows.

T. M. Ulam and wife have been spending a couple of weeks in the mountains.

Most of the larger growers have all their stock planted for the winter and are offering their surplus roses and carnations for sale.

Wm. Falconer went from the St. Louis convention to Chicago to attend the convention of the Society of American Cemetery Superintendents.

Frank Faulk, of the Allegheny market, is an expert taxidermist and when the cut flower business is dull he puts in his time mounting fine specimens of fish and birds for the sportsmen of this vicinity. He makes it pay as well as his regular business.

G. & J. W. Ludwig had a busy week with funeral work. Among the designs there was one in particular which was well executed, a scales of life, for which they received $125.

Ed. McGrath, of Breitenstein & Flemm, is visiting New York and Philadelphia.

The Pittsburg Cut Flower Co. have Christmas bells on exhibition. It seems early for Christmas goods, but these boys usually know their business.

HOO-HOO.

ST. LOUIS.

The Market.

Cooler weather the past week has improved stock and business somewhat. Shipping trade, too, seems to be revived at the wholesale houses. In fact the general outlook is very much better, though most of the business is confined to funeral work. On Saturday the floral parade at the World's Fair used up a lot of surplus outdoor stock, which is over-plentiful.

The cool nights have a bad effect on roses, which show traces of mildew. Kaiserin is the best. Meteor and Liberty are also good. Brides and Maids are very poor. Beauties are not first class and, on a limited number of good flowers, are being held at $2 to $2.50 per dozen, the average being worth only 75 cents to $1.25, with plenty of shorts at $5 per 100. Most of the flowers are poorly colored.

In carnations the market has a poor supply at present. The field-grown stock has suffered a great deal of late from the heavy rains. Fancy sorts bring $1.50 per 100, but the bulk sell at from 50 cents to $1 per 100. Asters have shortened in supply, that is, the fancy sorts. There seems to be plenty of common varieties for all demands. Tuberoses are in big supply, more than the trade can

use up. All they bring is $2 per 100. Good long smilax and asparagus are plentiful.

Various Notes.

Most of the S. A. F. delegates have now left the city for home. Harry Papworth, of New Orleans, and A. H. Langjahr and wife, of New York, left Saturday. Robert Craig, of Philadelphia, and a few others are still holding out, taking in all the sights at the World's Fair before returning home.

Chas. C. Young has returned from Atlantic City, N. J., where he spent two weeks during his vacation.

Robert and Carl Beyer have had a busy week of it, arranging Lemp's park for the annual gathering of the St. Louis Schwabenverein, which opened Sunday. The decorations, including the large column of vegetables in different shapes, was a sight well worth seeing.

The general entertainment committee met at Frank Ellis' store on Thursday of last week to settle all bills for the convention. Treasurer Koenig was on hand with his checkbook and a full report can be made at the next regular meeting of the club.

Charlie Kuehn has laid in an extra fine lot of supplies of all kinds, especially in the basket line.

Frank Ellis is receiving daily a fine lot of asters and lily of the valley, which are selling well.

Henry Ostertag had twenty-two automobiles to decorate on Saturday for the floral parade at the World's Fair.

The Florists' Club meeting next Thursday afternoon, September 8, is of great importance to all the members. A full report is expected from all the chairmen of the convention committees, also the superintendent of trade display. The president has appointed ex-Presidents Ammann and Dunford to take charge of the installation ceremonies for the new officers. President-elect Juengel has a big surprise in store for the members when he takes his seat. He will be ably assisted this year by Vice-President Pilcher, Treasurer Meinhardt and the new trustees, Messrs. Weber, Guy and Miller. The only old officer holding office is Secretary Schray.

The display of McCray florists' refrigerators by the Standard Scale & Fixture Co., their representatives here, were the only ice boxes on exhibition in the trade display. They report a number of orders taken during the convention.

The reason our convention was such a great success is that we had the Lord with us, in fact two of them, J. P. Lord, of Lord & Burnham, and L. P. Lord, the paper box man, from Minnesota.

From August 27 to September 7 there will be a special display of asters in the Horticulture building at the World's Fair. There are seven classes and from the entries the exhibition promises to be large. Superintendent Hadkinson is also receiving entries for the dahlia exhibition, which opens September 17 and closes September 27. Entries for these close September 14.

Bowling.

It was decided by the bowlers to play a series of twenty games for the silver water pitcher which the team won in the convention tournament. Every man who enters must roll at least sixteen games to qualify. The first series will be rolled September 5. Two teams rolled a friendly match last Monday, with scores as follows:

Player.	1st	2d	3d	T'l
Beneke	158	199	158	515
Beyer	150	144	132	426
Meinhardt	136	138	127	401
Ellis	165	167	157	418
Ellison	151	128	139	489
Totals	760	776	713	2,249

Player.	1st	2d	3d	T'l
Kuehn	173	192	167	532
Miller	113	182	154	449
Weber	125	173	145	443
Gerlach	115	109	103	327
Beneke, Jr.	148	144	171	463
Totals	674	800	740	2,214

J. J. B.

NEW YORK.

The Market.

The market does not improve as yet and the general opinion is that the first signs of returning life need not be anticipated before the first of October. In the meantime everything is being put in ship-shape for the revival. Stores are being repaired and repainted. New fronts are going in and a general air of enterprise is perceptible everywhere. Outdoor stock shows evidence of the clearer weather and is very abundant. Glodioli seem to hold well at 50 cents per 100. Asters have declined in value and dahlias are apparently unlimited in quantity and beauty.

Various Notes.

Business enterprise in the wholesale line shows no retrograde movement. The march, like that of Japan, goes forward. Twenty-eighth street gives further evidence of youthful vigor. The Youngs are more and more in evidence. John Young, Young & Nugent and Thos. Young, Jr., now see the quartette of wholesalers completed by the opening of the store of A. L. Young & Co., at 54 West Twenty-eighth street. This must be "a name to conjure with."

President Traendly was so pleased with St. Louis that he brought a souvenir back with him in the shape of a case of hay fever, the dark colored air of the Fair city being a little too shady for the lungs of the average New Yorker. Traendly & Schenck are handling some grand Chatenay and Golden Gate this week.

Young & Nugent are busy completing their new front and will have one of the best stores in the street when all the improvements are finished. Arthur Dacre, of this house, leaves next Monday for a two weeks' vacation at Moose Head Lake, Me.

J. K. Allen will be home on Thursday of this week and Miss Reilly, the faithful bookkeeper and manager during his absence in Europe, will start on a well earned holiday on Saturday. Her outing will include a week in the Adirondacks and possibly a visit to the World's Fair.

Mrs. Charles Smith, of Woodside, left for her old home in Scotland on Saturday, by the Lucania, contemplating a six months' visit amid the scenes of her childhood.

The new greenhouses of the Hinode Florist Co., at Whitestone, are nearly completed and their size and facilities will be a surprise to visitors, as well as the quaint Japanese plants which are to be seen there the year around in innumerable quantity and great variety.

Chas. Lenker is building at Freeport.

John Scott is much elated with the success and reception of Scottii at the convention.

Arthur Boddington was more than pleased with the practical cordiality of his reception at the S. A. F. convention. Occupying the same store in which he began business, and with many of the old familiar faces around him, it is hard to realize he ever left it.

Patrick O'Mara returned Monday from his mountain outing in the Berkshire hills with his sister and cousins, where he spent the week succeeding the convention. He shows, with commendable pride, the "spare" prize won in the St. Louis bowling contest and is enthusiastic as to the founding of a New York club early in the fall that can supply material for first honors in the tournament next year at Washington. Evidently he thinks it will be the early birds who will drink from the silver cup in 1905.

Elliott was reshipping his first consignment of 100 cases of Holland bulbs on Monday. His auctions begin September 15, with a general line of palms, bulbs, etc.

Stumpp & Walter Co. report a constant increase in business. A fine stock of freesia bulbs are much in demand and going fast.

H. H. Berger & Co. report the arrival of their Dutch bulbs in splendid condition, hyacinths and tulips being of better quality than in several years. They are so busy they are working nights. Their consignment of kentia seeds will arrive the last of October.

Mr. Wittpen, of McHutchison & Co., arrived in New York Monday on the Kaiser Wilhelm.

Cleary's horticultural hall opens Thursday, September 8, and thereafter every Tuesday and Friday the auctions continue. The first week in October Mr. Cleary conducts the sale at Robert Craig & Son's, in Philadelphia. September 15 the auction of Charles Bird's nursery stock at Arlington, N. J., begins.

Dr. Britton, of the New York Botanical Garden, is enjoying a month's tour in the Bahamas.

Convention Reflections.

The last of the eastern invaders has returned from the wild and woolly west and the general opinion still seems to be, there is only one New York. But the acknowledgment of a delightful visit to the great Fair city, the convention and the exposition is universal. Everybody has only good things to say of the grand hospitality of the St. Louis florists, the faithful and earnest devotion shown by all to the best interests of the visiting brethren and sisters, and the wonderful skill and unanimity of the St. Louis ladies of the St. Louis club in their excellent management of every detail entrusted to their care.

For high class exhibits, unfailing interest and commendable harmony the convention of 1904 goes on record as one of the lifetime memories. To those who remained over to enjoy the Fair, the heat and the cyclones, there were experiences never to be forgotten. That any florist within a thousand miles of St. Louis missed the convention is a mystery to those who attended. More and more these yearly conventions demonstrate their value as reunions, cementers of friendships, fraternal love feasts without which the S. A. F. would disintegrate. Exhibits, sports, receptions, essays upon subjects of universal interest and a disposition to do the things that make for the greatest good to the greatest number; these are the foundations of the continuance of the society, so dear to all of us. Long may it prosper.

J. AUSTIN SHAW.

PACIFIC COAST.

VANCOUVER, B. C.

The Vancouver Floral Co. is adding to its glass and is installing a new boiler. Their carnations and chrysanthemums are looking good. With Watkins and Pont stock is also in fine shape.

On August 29 Jas. Pont, R. Withers, manager of the Vancouver Floral Co., E. Kinnard, Ed Lunnediffe, H. H. Page and M. J. Henry started on one of their periodical trips to the woods, open for "fur, fin or feathers." They generally have a pretty fair commissary department and keep open house for all in the craft.

SAN FRANCISCO.

The Market.

Business is about at a standstill. There has been very little wedding or funeral work during the past week and stock of all kinds has accumulated on the retailers' hands. Asters are very plentiful and very cheap and of good quality. A few chrysanthemums are seen, but they will not be plentiful until next month. Roses are scarce and they are the only flowers that are in demand. The prices remain the same as I quoted last week and carnation rates have not changed. Amaryllis is scarcer and sweet peas are on the wane. Lilium album and rubrum are not as plentiful as they were and are in very fair demand. Valley is plentiful enough to fill all requirements. Tuberoses are offered in quantity. Outdoor stuff, except dahlias, moves very slowly and the bulk of it is passing rapidly out of season.

Various Notes.

L. Wickstrom will move his store about September 1 to 1057 Market street, near the Central theater. It is a much larger and finer store and in a much better locality for business.

J. T. Thorsted, of Fruitvale, has finished erecting two carnation houses on his new grounds situated about a half mile north of his present location. The houses are 25x200 feet and he will plant them principally to Estelle, Enchantress, Queen Louise and Lawson.

Malcolm Lamond, head gardener for the city of Oakland, has received for the town conservatories a large consignment of tropical and hardy palms from Florida and also a fine collection of crotons.

Thomas E. Barlow, one of the best known horticulturists in the northern part of this state, died at Sebastopol, August 23.

H. Plath is on an extended eastern trip. G.

ACACIAS.

The acacias, although not natives of this coast, give us some of our most valuable adjuncts to our own shrubbery. Some of them have proven to be without equals when an evergreen sidewalk or lawn tree is desired. As this is the season of the year when the ripe seed can be gathered, it is also the best time for planting it, and a few suggestions as to varieties that are particularly valuable, as well as a few hints on their growing, are in order.

A very good sample is A. mollissima. This grows to a height of fifty feet, has light fern-like foliage and in the springtime is literally covered with masses of golden yellow blooms. These fragrant flowers are sold in great quantities on the street corners during their season. The seed of this variety should be soaked about twenty-four hours before planting, as this makes easily a difference of three months in its germinating properties. Plant in flats and keep lightly shaded for a couple of months, when the young plants will have attained a height of a couple of inches. They can then be placed in the open, but if the weather gets too frosty or too wet they should be brought under cover. If the seed has not been sown too thickly, in which case it is hard to keep them from damping off, they will be ready to plant in thumb pots early in March. They should be kept inside for a month or so, until they become established, and about a year from the time the seed was planted they will have attained the height of twelve inches, when they are ready to be shifted into 4-inch pots. They will stand from five to six feet high the following spring, when they will be ready for sale. A six-foot tree looks better, of course, if transplanted into a 6-inch pot, but there is no trouble in handling this variety in a smaller sized pot.

The next variety of acacia in value is the well known blackwood, A. melanoxylon. This is a shade easier to handle than the variety I have previously described and is one of the best for sidewalk planting. It is a more erect grower and a very vigorous tree. They require the same treatment from seed as the A. mollissima, but will make a heavier tree in a shorter time. Do not let the plants stand too long in one place without lifting them up occasionally, for otherwise they are bound to root through and the acacia family do not recover easily when the roots are broken.

One of the most beautiful varieties we have here is A. linearis. This is inclined to spread more after the fashion of the willow. They do not seed freely. I put a couple of large plants in 8-inch pots in the greenhouse and cut them down to within five feet from the soil. They made a great quantity of young shoots and I had no difficulty in rooting them in boxes of sand. This sort takes about twice as long to make a tree large enough to be salable, but it is always in demand at very good prices. The A. floribunda is of dwarfish growth and is more suitable for lawn planting than for sidewalk. It is a fairly fast grower and blooms throughout the year. It is easily grown from seed. A. latifolia grows fairly fast, but I do not find it as satisfactory a sort to grow as A. melanoxylon. A. pycnantha is the golden wattle of Australia and is of rapid growth. A. pravissima is a variety that is peculiar in that it has thorny foliage. It is a fast grower and for a thick hedge has few equals. It grows easily from seed and is very hardy. A. dealbata, the silver wattle, is a very striking tree that is covered in spring with feathery blossoms of a beautiful golden yellow. It is not so hardy as some of the other sorts, but it is a valuable tree.

There are a great many other kinds. G.

Sault Ste. Marie, Mich.—W. E. F. Weber has added 1,000 feet of glass to his place this summer and, having everything in good shape for fall, is visiting at Belleville, Ill., and taking in the World's Fair at St. Louis.

MANCHESTER, MASS.

The annual summer show of the North Shore Horticultural Society took place on August 25 and proved the finest the society had ever held. There were prizes offered in no less than 108 regular classes, in addition to a number of specials. For best display of flowers arranged for effect, H. L. Higginson, Joseph Clark, gardener, won the silver medal; Mrs. R. C. Hooper, William Swan, gardener, being second. The latter showed the best twenty plants arranged for effect. Among the other successful exhibitors were Miss A. G. Thayer, Mrs. W. D. Denegre, W. B. Walker, Mrs. S. V. R. Crosby, Philip Dexter, F. Jackson, A. Jackson, Mrs. M. B. Mason, Mrs. C. H. Tweed, Mrs. S. P. Blake, W. Scott Fitz, Mrs. G. E. Cabot, Mrs. G. McLane, Mrs. T. J. Coolidge, Mrs. Scott Annable and N. J. Murray. In the way of miscellaneous exhibits Blue Hill Nurseries had a fine collection of tritomas, Southworth Bros., a collection of phlox, and R. & J. Farquhar their new Christmas lily, which received a first-class certificate. The show was a most creditable one in every way.

W. N. Craig.

Milwaukee, Wis.—Wm. Geuder, employed by the C. C. Pollworth Co., was seriously injured by being thrown from his wagon by a runaway horse on August 21.

100,000 EXTRA STRONG
Asparagus
Plumosus Nanus
2-INCH, $20.00 PER 1,000
Cash, Express Prepaid;
$2.50 at 1,000 Rate.
CALIFORNIA CARNATION CO., Loomis, Cal.
Mention The Review when you write.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.
Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.
F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

ASPARAGUS
PLUMOSUS NANUS.
From flats, $1.75 per 100; $15.00 per 1000.
Strong 2-in. plants, 2.00 " 20.00 "
New Crop Shasta Daisy Seed,
Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.
Loomis Floral Co., Loomis, Cal.
Mention The Review when you write.

Now Then! FOR BUSINESS.

It hasn't been a bad Summer, but Autumn is at hand and we want to make things hum. We can't do it without your help. **Send us your orders** and we'll take such good care of them that we'll all do more business this season than ever before.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.25
12-inch stem	.75
Short stem.....$3.00 to $4.00 per 100.	

	Per 100
Brides and Maids	$2.00 to $5.00
Meteors and Gates	2.00 to 5.00
Liberty	3.00 to 6.00
Kaiserin	3.00 to 8.00
Carnations	1.00 to 1.50
Asters	.50 to 2.00
Valley	2.00 to 4.00
Gladioli .....per doz., 25c to 35c	
Tuberoses, " 35c to 50c	
Auratum lilies, " $1.25 to $1.50	
Longiflorums " 1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns .....per 1000, $1.00	.15
Galax, Green and Bronze, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.75
Smilax.....per doz., $1.25	8.00

Subject to change without notice.

CHICAGO.

The Market.

Several times this season we have reported the dullest week of the summer, only to find one duller, but that should be a safe designation for the present period for it is certainly the worst to date and it doesn't seem possible that things could be more stagnant. There is a fair amount of shipping but it is almost impossible to fill orders with any degree of satisfaction, so poor are the average receipts. Local demand is very light, funeral work having amounted to very little for some time.

Beauties are not quite so plentiful as a week ago, but there are plenty of the moderate lengths. Other roses are coming in much more freely and Brides and Maids average very poor. Prices are lower than for a long time, plenty of short stuff being offered at $5 per thousand. The best stock cut is from old plants. Chatenay is also plentiful and receipts of Liberty are ahead of requirements. Kaiserin is in demand. Carnations are sold very cheap because of large receipts, low quality and lack of demand. A few are now being cut indoors but are so short that the outdoor stock generally finds preference.

The aster glut is heavier than ever and prices run all the way from 2 cents a bunch to 2 cents apiece, occasionally higher for fancy stock, and one sale of 15,000 was reported last Saturday at 1 cent a bunch. A great many go to the dump. Gladioli are in nearly the same fix as asters. Not many dahlias are seen, but enough. Tuberoses move slowly. There are large offerings of "green goods," especially asparagus.

Various Notes.

H. H. Battles, the well known Philadelphia retailer, was a caller at the REVIEW office while in Chicago for a couple of days on his way home from the World's Fair, where he was one week behind the conventionites. Another caller was Wm. Falconer, president of the Pittsburg Florists' Club, who was in town to attend the convention of the Amerian Association of Cemetery Superintendents.

George Weinhoeber says that, while there has been little doing this summer, it has been no more dull than last year, when they felt that they did a very fair summer business.

Ed Winterson took four days' vacation last week, which is worthy of note because of the way he is sticking to business these times when persuasion is wasted on the buyers.

The wholesalers will next week begin keeping open until six o'clock. Most of them this week resumed issuing their weekly price lists. In Hunt's list we read that "Chatenay will be more abundant the coming season than last and promises to be a big factor from now on." And then there is this cheerful report: "The past dull season has been one of the liveliest dull seasons for July and August that we have ever had."

Frank Fischer will give up his lease on the old Hilmers place at Blue Island and will probably go back to Joliet. The place has never been wholly repaired since the big hail storm two years ago.

August Dressel, Louis Gresenz, Sam Pearce, George Damm and Alex. Henderson were over to St. Joe the other day on a fishing expedition. They tell some great stories of Pearce's success as a fisherman, but he owns up that he didn't get even a bite.

The F. E. Butler Floral Co. has been incorporated by F. E. Butler, S. Butler and J. F. Butler, capital stock $2,500. As stated last week, they will soon open a retail store at 291 Dearborn street.

Mrs. J. B. Deamud is recovering from an illness of a couple of weeks' duration.

J. A. Budlong has had a particularly good cut of Beauties this summer. His place is all in nice shape and the boys at the store are looking forward to a very good season.

D. W. Brant is cutting roses from carried over stock. His carnations, the plantings of which have been increased this year, are looking good.

M. Winandy is now operating ten houses which have heretofore been leased to a vegetable grower and has them all planted to carnations. This gives him twenty houses in this flower.

The Sprague, Smith Co. sold two carloads of glass at Saginaw to repair the recent loss by hail.

Sinner Bros. say that they find Liberty a good money maker, better than Meteor at all seasons.

S. S. Skidelsky was a recent visitor. He reports having sold over 40,000 of the carnation Fred Burki. This is the white which made such a good impression at the Carnation Society's show at Detroit. It is to be sent out in January. Wietor Bros. have ordered 2,500.

Frank Banning, of Kinsman, O., is sending local commission houses some very fine gladioli of a variety called Reuben H. Warder. Amling received a box of them Sunday morning so badly bruised by rough handling in transit as to be almost unsalable.

F. W. Timme cut his first asters August 29. He has a particularly good strain which he has spent years in working up.

Mr. and Mrs. George Asmus have been visiting at their old home in Buffalo.

Visitors: J. F. Sullivan, Detroit; L. Cole, Battle Creek; C. P. Mueller, Wichita, Kan.

HARRISON'S PEONY MANUAL.

A Manual on Propagation and Cultivation of the Peony has just been issued by C. S. Harrison, of York, Neb. In the introduction we find it stated that the pamphlet was written and compiled for two reasons; first, because there was no work on the subject in the English language; second, because there ought to be. A chapter is devoted to each phase of peony growing, discussing it from the standpoint of one who has spent almost a lifetime with the flower. Then there are a number of extracts from the writings of well known peony growers and a long list of varieties with descriptions generally as a result of the author's trials. All this makes up a book very interesting to every peony grower, but the idea of the manual is to introduce the flower to the masses.

THE YOUNGEST FLORIST.

Here are some more young florists. Byrne Bros., of Buffalo, are aged 20 and 22. They conduct a retail store at 658 Main street and now have in course of erection two large modern greenhouses on a tract of seven acres of well adapted land which they bought to afford opportunity for expansion.

SAGINAW, MICH.—The Wm. Roethke Floral Company is very busy repairing the damage done by the hail storm July 22. Their entire place of 80,000 feet of glass was practically destroyed and the task on which they are now engaged is in many respects worse than starting new.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia ; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

CLOVER seed prices are the highest in years.

THE Iowa Seed Co., Des Moines, makes a profitable specialty of importing parrots.

THE Harrisii crop is proving equal to all requirements, large sizes as well as small.

TOO much rain in northern New York and Canada is likely to shorten the pea crop there.

ON September 1 there remained 175 acres of onion sets to be harvested in the Chicago district.

HJALMAR HARTMANN, of Copenhagen, Denmark, expects to be in Chicago by the end of the week.

THE steamer Trinidad, from Bermuda, arriving at New York August 22, brought 513 cases of Harrisii bulbs.

O. H. R. WIESE, representing David Sachs, of Quedlinburg, Germany, expects to reach Chicago September 5.

S. B. DICKS, representing Cooper, Taber & Co., London, England, is due to reach Chicago September 2.

S. F. LEONARD, of Chicago, is making a business trip covering the seed growing points on the Pacific coast.

THE steamer Potsdam, from Amsterdam, arriving at New York August 23, had on board 1,897 cases of Dutch bulbs.

YELLOW onion sets are offered at 4 cents per pound at Louisville, Ky., whites at 5 cents per pound, for immediate delivery.

J. M. LAMB reports the outlook for the North Carolina bulb crop very good as to quality, but the quantity will hardly meet the demand.

J. W. RATEKIN, Shenandoah, Ia., reports 1,500 acres Pride of the North sweet corn already past danger of frost, with all varieties maturing nicely.

SEEDSMEN will be interested in the method by which Johnson & Stokes illustrate their catalogue as described in the Philadelphia letter in this issue.

ADAM CURRIE, of Currie Bros., Milwaukee, has been appointed a member of the international jury of awards on vegetable food product exhibits at the World's Fair.

SECRETARY KENDEL has issued the proceedings of the twenty-second convention of the American Seed Trade Association and has also prepared as a separate pamphlet the address of George H. Maxwell. The latter is for general distribution.

THE week's reports from the bean fields are quite discouraging. Black wax is showing considerable rust and other wax sorts are not up to the average. Green pods, excepting Longfellow, promise better. Valentine will probably give the best yield.

E. H. ULLERY & Co., Omaha, Neb., who recently made an assignment of their seed stock and fixtures, have made a payment to their creditors of 33 1-3 cents on the dollar.

THE Cleveland Seed Co., Rochester, has passed into the hands of S. M. Pease, H. H. Pease and C. R. Millham, who will grow peas, beans and sweet corn for the wholesale trade.

HEAVY rains in western Iowa and eastern Nebraska make the prospect for sweet corn and vine seeds rather hard to estimate. The present conditions are unfavorable for these crops.

GRAND RAPIDS, MICH.—Alfred J. Brown Seed Co. is now located at the corner of Ottawa and Louis streets. Its new building has been refitted with improved machinery, making it an up-to-date seed warehouse.

THE Harry N. Hammond Seed Co., Bay City, Mich., announces that the good will, fixtures, stock of seeds, warehouse and all its property and assets will be sold at public auction on September 6 at 2 o'clock in the afternoon.

EUROPEAN SEED CROP.

It is now possible to give some particulars as to the probable yield of the seed crops in the coming season; the information supplied is based upon a personal survey of the crops in the principal seed growing districts of Great Britain, says the Gardeners' Chronicle, August 20:

Peas.—It is only a reasonable expectation that after the very wet season of last year the condition of stock-seeds would be so indifferent that the growth of the plants would be correspondingly inferior, the result being that the present season's harvest is likely to be a very thin one. Another factor as governing the scarcity was the fact that the price fetched by peas last season was so high as to be a great inducement to sell what would otherwise have been sown, and so the breadths put out are smaller than usual. It seems quite certain that seed peas will gradually rise in value, and some sorts will be as dear as last year. This remark applies particularly to the late varieties, especially as it is anticipated that none will be forthcoming from the continent.

Broad Beans.—The crops in Lincolnshire and in the adjacent bean-growing districts are seriously affected by the black or smother-fly; though it is probable, given the continuance of fine weather, the samples will be good.

Beans, Kidney, Runner and Dwarf.—Generally speaking, the breadths and plants are thin, and in certain localities, where there have been recent rains, the flowers are now setting their pods more numerously than previously. Reports from Germany are of a more favorable character.

Turnips.—So extremely short is the yield that it is said the crop may be written off as practically nil. It is confidently expected that prices for the best qualities of seeds will be very high.

Mangel Wurzel.—The plants did not thrive in a satisfactory manner, and thus the yield of seed has been materially affected. Golden Tankard and Golden Globe, with other forms of the choicer stocks of Globes, will command double the prices of last year.

Cabbages.—Varieties chiefly grown for cutting in spring have run to bloom in a very imperfect manner. In more favorable localities, where there is an improved growth, the crop appears to be satisfactory.

Onion.—The onion plant for seed is not so plentiful as last year, and bulbs for planting for seeds another year appear to be scarce and small. It is assumed that the plantations made for seeds in 1905 will be as limited as those in 1904.

Carrot.—The seed crop in this country so far looks well. From France comes the report there is great danger to the carrot crop from the small white maggot which appears in the flower-heads and practically destroys the crop.

Lettuce.—Very little lettuce is now grown in this country for seed-saving. In the lettuce-growing districts of France and Germany the crops are favorable.

Parsley.—Good breadths are out for seed purposes and so far the crops promise very well.

Home-grown Flower Seeds.—Seeds of nasturtium were scarce last year, but this season promises a good crop. Sweet peas are also promising well. Wallflowers all promise well except the yellow section, of which there is a likelihood of a scarcity.

WARREN, O.—Adgate & Son are building a rose house 24x100 and changing from hot water to steam, putting in a fifty horse-power boiler. All the local growers have their carnations benched. Business has been good because of much funeral work.

GREENSBURG, IND.—The Greensburg Floral Co. is moving the greenhouse to a new and very good location at the corner of Broadway and McKee street, only two blocks south of the Court House. Mrs. H. Demer is the proprietor and J. H. Demer the florist and manager.

FLORISTS' BULBS

—OF—

HIGHEST QUALITY.

Get our prices before buying elsewhere. . .

E. F. Winterson Co. { E. F. Winterson, John P. Degnan, L. H. Winterson

Established 1894

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

Mention The Review when you write.

Now Ready for Delivery

LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.

W. W. RAWSON & CO., Seedsmen.

12-13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

BODDINGTON'S "GIGANTIC" CYCLAMEN.

Unequaled for Size and Quality of Bloom.

Separate varieties or mixed, $1.50 per 100 seeds; $12.00 per 1000 seeds.

SEND FOR BULB CATALOGUE --- NOW READY.

ARTHUR T. BODDINGTON, Seeds, Bulbs and Plants, 342 West 14th Street, **NEW YORK.**

Mention The Review when you write.

FREESIA BULBS

	Per 100	1000
First Size, 5/8-in. and up,	$ .75	$6.50
Extra Size, 3/4-in. and up,	.85	7.00
Mammoth.....	1.00	8.00

Sample of 40 Bulbs, each size, sent for $1.00

STUMPP & WALTER CO., 50 BARCLAY ST., NEW YORK. Branch Store: 404 East 34th Street

Mention The Review when you write.

Thorburn's Bulbs

OUR WHOLESALE
TRADE PRICE-LIST
OF
HIGH CLASS BULBS
AND
CHOICE FLOWER SEEDS
FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHRISTMAS
Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price, per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,
The Originator, GRAND VIEW, N. J.
POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.

SPECIAL OFFER OF
PAPER WHITE NARCISSUS.

We have received a shipment of these bulbs direct from France, in first size bulbs measuring 13 cm., **$7.50 per 1000;** Grandiflora, **$9.50 per 1000;** in cases of 1300 and 1400 each.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

MICHELL OFFERS THE GROWERS

ANTIRRHINUM. (Snap Dragon.)

	Trade pkt.	Oz.		Trade pkt.	Oz.
Dwarf Mixed	15c	40c	Queen of the North — Giant White	15c	60c
Giant Scarlet	20c	60c	Tall Mixed	10c	30c
Giant Yellow	20c	60c			

CENTAUREA IMPERIALIS. (Giant Corn Flower)

	Trade pkt.	Oz.	⅛ Oz.		Trade pkt.	Oz.	⅛ Oz.
Deep Rose	15c	75c	40c	Purple	15c	75c	40c
Lavender	15c	75c	40c	White	15c	75c	40c
Lilac	15c	75c	40c	Yellow	15c	75c	40c
Pink	15c	75c	40c	Choicest Mixed	15c	50c	40c

HENRY F. MICHELL CO., 1018 Market Street. **PHILADELPHIA, PA.**

Mention The Review when you write.

NOW READY
Paper Whites--Romans--Callas and Freesias.

PAPER WHITE GRAND. NARCISSUS—13-15 centimeters (1500 in a case), fine bulbs, Per doz., 20c; per 100, $1.25; per 1000, $10.00.

FRENCH WHITE ROMAN HYACINTHS—12-15 centimeters, extra quality (2000 in case). Per doz., 50c; per 100, $2.75; per 1000, $26.00.

FREESIA REFRACTA ALBA—(Bermuda grown), large flowering, 90 per cent. pure white, fine, 3/8-1/2-inch....per doz., 12c; per 100, 50c; per 1000, $3.50. 1/2-3/4-inch ....per doz., 15c; per 100, 75c; per 1000, $5.50.

DUTCH BULBS READY. Send for new AUTUMN BULB LIST.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Bamboo Plant Stakes, Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, 1/4 to 3/8 inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, 1/4 to 3/8 inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Lawn Grass Seed in bulk and packages



Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Burpee's Seeds Grow

Mention The Review when you write.

SAMUEL S. PENNOCK,

BEAUTIES, VALLEY.

See our Special Offer of extra field-grown carnations on page 731

The Wholesale Florist,

Commencing Sept. 1 open daily 7 a. m. to 6 p. m.

PHILADELPHIA.

Mention The Review when you write.

CATERPILLARS.

I would be pleased to have you give me a little advice on two things, a grey caterpillar and a grey miller. Can you tell me whether these millers produce the caterpillars? If one is the cause of the other, will you please tell me what to do in order to either prevent or destroy these pests, without injuring my plants? R. L. S.

As our correspondent does not name the plants infested by the caterpillars and moths or "millers," we are unable to tell whether these are outdoors or in the houses. Caterpillars, as is well known, are the larvæ of moths and butterflies and if we can destroy the latter before the eggs are laid, which hatch the destructive caterpillars, much good will have been accomplished. It is, however, a difficult task to do so. Even were fumigation used strong enough night after night to kill the moths in the greenhouses, we are still likely to have a crop of caterpillars. It is well to kill all possible butterflies by hand and thus lessen the crops all we can.

At this season a caterpillar of the nature named attacks the foliage on chrysanthemums. Hand picking every morning, looking under the foliage, is the only safe cure. Spraying with insecticides of a poisonous nature cannot be recommended.

Caterpillars are numerous just now and much watchfulness is needed. A great damage is speedily done. We think hand picking the safest remedy for R. L. S. if his plants are indoors. For outdoor trees and shrubs use Disparene at the rate of four pounds to fifty gallons of water for any which may appear. As this insecticide whitens the foliage and adheres closely to it, plants indoors and those grown for cutting outside should not be sprayed with it. W. N. Craig.

Charles City, Ia.—M. H. Weatherbee is giving most of his space to carnations, the stock looking fine.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR RENT—Venen Greenhouses: fairly well stocked; hot water heat; electric light; centrally located; office and salesroom; good increasing trade; fine opening for good florist. Address E. E. Venen, Conneaut, Ohio.

FOR SALE—Or rent, 14 000 feet of glass, with well-established trade, near Indianapolis; all newly planted; best soil in country; $1.000 cash, balance long time; owner wishes to retire. Address No. 11, care Florists' Review, Chicago.

WANTED—A partner for commercial place near Chicago; small capital necessary only. Address No. 9, care Florists' Review, Chicago.

SITUATION WANTED—Young man with eight years experience in general work; would like position in central or southern California; first-class references from prominent eastern firms. Address R. E. Woodruff, General Delivery, Tacoma, Wash.

WANTED—A good rose and carnation grower; good place for a competent man. Address, with references, No. 10, care Florists' Review, Chicago.

WANTED-Gardener on private place near Chicago; all-round man wanted; $50 month and house. Address No. 12, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot; also some 4-inch. W. H. Salter, Rochester, N.Y.

FOR SALE—Or lease. 86 acres, with two residences; new modern cement greenhouses, 10.000 feet of glass; a fine retail and wholesale trade, no competition; in city of 10,000 people and trade of ten other smaller towns; variety of good soils near houses; telephones, street cars; horses, wagons and tools; also heavy stock of roses and carnations newly benched, also general plant stock; do a large market garden and plant trade beside floral business. Would sell or lease all or part of land. Entire place for $14 000 or lease on five-year term, stock and all, $1.650 per year. Brookside Floral Park, Noblesville, Ind.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—Cheap, florist ice box, 6 ft. wide, 3 ft. deep, 8 ft. high; 1 large plate glass front door, side door for ice; good keeper. Address Z. D. Blackistone, 14th and H Sts., N. W., Washington, D. C.

WANTED—Young man, 18 to 20 years, with some experience; will room and board him; a good chance for the right one; state reference and salary expected. Max Schreiber, Box 670, McDonald, Pa.

WANTED—To rent greenhouses with stock. Address No. 201, care Florists' Review, Chicago.

WANTED—Partner with about $3 000 cash to take half interest in 10 000 ft. greenhouse plant and 15 acres ground near Chicago, well stocked with plants; splendid opportunity; practical man preferred. Address No. 200, care Florists' Review, Chicago.

SITUATION WANTED—By young man, German, single, age 32; 15 years experience in palms, ferns, cut flowers, bedding and forcing stock; good references; private or commercial. No. 5, care Florists' Review, Chicago.

FOR SALE — Horizontal tubular hot water boiler in first-class condition, 9 ft 6 in. long, 36 inches in diameter; price, with grate bars, front and breeching complete, $90 00; small florists's ice box, little used, $30.00; practically new Deane steam pump, $25.00; above prices cash f. o. b. St. Louis, Mo. J. W. Dunford, Clayton, Mo.

FOR SALE—Boiler 40 in. x 14 ft., 3-in. flues and fittings; also florist wagon. Mrs. Aug. Marx, 1317 N. Michigan Avenue, Saginaw, W. S., Mich.

FOR SALE—Hitchings boiler No. 17. $65. Geo Milne, 14 Lincoln St., Winchester, Mass.

FOR SALE—15 horse-power, upright, steel boiler; fitted for steam or hot water. Price $50.00 f. o. b. Chase & Son, New London, Ohio.

FOR SALE—Three acres; 3 large greenhouses complete new 7-room house; best soil and location; half hour from New York City, on Long Island; terms to suit. John A. Rapelye, Elmhurst, L. I.

SITUATION WANTED—In flower store; good designer and plant salesman; 10 years in last place; Eastern States preferred. Address 14, General Delivery, Charlestown, Boston, Mass.

WANTED—A good second hand boiler capable of heating about 2500 feet of 4-inch pipe warm enough for carnations. Apply, stating particulars, to Morton's Evergreen Lodge, Clarksville, Tenn.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—At a bargain, or exchange, greenhouse 110x20 feet; town of 4000; only greenhouse in place. Mrs. Thos. Denham, Whitehall, Mich.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Six greenhouses, good location; sickness cause of sale; reasonable price. Address Anton F. Schramm, 2476 Cherry Street, Toledo, Ohio.

WANTED—Before September 15, a first-class grower of roses and carnations; wages $60.00 per month; place permanent. Address No. 4, care Florists' Review, Chicago.

FOR RENT—Small greenhouse business in growing Connecticut town; fine miscellaneous stock; good trade; failing health sole reason for renting; terms very reasonable; immediate possession. Address No. 6, care Florists' Review, Chicago.

WANTED—A good rose and carnation grower, must be steady and sober, wages $12.00 per week. Write or call on J. F. Ammann, Edwardsville, Ill.

FOR SALE—Or Rent; old established greenhouses with 6000 feet of glass, with all the paraphernalia incidental to business of this kind. Will make low rent to desirable tenant. Prefer to sell as the owner is non-resident and through physical disability will never again be able to resume the business. This place has good nine-room house and barn, also good heating plant in greenhouses. Will sell much below value and on most any terms to responsible party. Former tenant did thriving business. Just the place for live man. For particulars address Clarence E. Smith, 145 La Salle Street, Chicago.

NEVER ON THE MARKET BEFORE.

Exceptional opportunity for a man of small means to secure the lease, good-will and stock of an old established business of several years standing; no opposition, in a city of 4000; centrally situated; free water; electric light, telephone service; 3200 ft. glass; landlord does all repairs; **RENT Eighteen Dollars a Year**; price to include all stock, tools and implements of trade; over 1000 carnations planted, also roses, etc.; two hundred and fifty dollars, net. Apply No. 14, care Florists' Review, Chicago.

FOR SALE.--Greenhouses.

About 3500 feet of glass; steel boiler, 20 3 inch-flues, with steam dome, hot water heat, or can use steam in very cold weather, set in brick with brick smokestack; large stock of the best six geraniums for the wholesale rooted cutting trade; also stock plants of begonias, coleus, fuchsias, Boston ferns, Vinca var., etc.; about 1100 carnations, Joost, Queen Louise, Estelle; all the above are healthy and almost enough outside to fill the houses full; about 4000 gladioli just coming into bloom; nearly 3000 Shasta daisies planted out, enough flowers can be cut next spring and summer from the daisies to pay for the whole outfit; coal $1.50 per ton, delivered; city water cheap; wholesale and retail business established to take all you can raise; on street car line, best location in fine city of 100.000 population; will sell all the above for $600.00, half cash balance on payments; will also sell the land or rent it; old age and failing strength the reason. Address

D. SMEATON,

38th Street, DES MOINES, IOWA.

FOR SALE

On account of moving to our new location we offer **FOR SALE** our old established stand at a figure representing less than one-half its actual value. The place consists of store and 10,000 sq. feet of glass, stock, fixtures and buildings. Ground space 100x195 to alley, the lease on which runs 11 years from November 1st, 1904.

THE LOCATION on the Boulevard is one of the best in Chicago for the Retail Florist Trade. This is an excellent opportunity for anyone desiring to step into **an old established, good paying business, requiring only a small outlay of capital.**

It will pay you to investigate.

Estate of S. MUIR,

3530 Michigan Boulevard, CHICAGO.

DO YOU WANT

☞ GOOD VALUE?
☞ FRESH STOCK?
☞ PROMPT DELIVERY?

THEN PLACE YOUR REGULAR OR SPECIAL ORDERS FOR CUT FLOWERS AND GREENS WITH

THE LEO NIESSEN CO., 1217 Arch St., **Philadelphia, Pa.**

Mention The Review when you write.

ASTERS. Write for prices on **JOOST, HILL, LAWSON** and other field-grown Carnations.

EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., **PHILADELPHIA.**

Mention The Review when you write.

BERGER BROTHERS, ASTERS

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. **PHILADELPHIA.**

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CHOICE

PANSY SEED

Special mixture from named varieties, or colors separate if desired.

Extra Fine Strains

Trade Pkt., 25c; ¼-oz., 75c; oz., $2.50.

MURRAY'S SEED STORE

PEORIA, - - ILLINOIS

Mention The Review when you write.

Extra strong and healthy CARNATION PLANTS. Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$6.00	Lawson	$8.00
Market	6.00	Joost	5.00
McGowan	4.00	Estelle	8.00
Lord	6.00	Fenn	5.00
Maid	8.00	Gomez	5.00
Enchantress	8.00	Ad. Cervera	5.00
Nelson	5.00	Prosperity	5.00

FRANK H. KIMBERLY,

Townsend Ave., **NEW HAVEN, CONN.**

Mention The Review when you write.

FIELD-GROWN CARNATIONS.

1000 Fair Maid	per 100,	$6.00;	per 1000,	$50.00
1000 Joost	"	5.00	"	45.00
1000 Mrs. Lawson	"	8.00	"	70.00
250 Enchantress	"	8.00		.....
250 Prosperity	"	6.00		.....
1000 Ethel Crocker	"	....	"	....
1000 Flora Hill	"	....	"	....
1000 Wm. Scott	"	....	"	....
1000 Portia	"	....	"	....

C. F. Edgar & Co. WHOLESALE FLORISTS, 1516-18 Sansom St., PHILADELPHIA, PA.

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JOSEPH HEACOCK

WYNCOTE, PA.

Grower of

Kentia Belmoreana and Kentia Forsteriana

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Aug. 31.

		Per doz.
Beauties, Specials	$2.00 to	3.00
" Extra		1.50
" Medium		1.00
" Short	.50 to	.75
Queen of Edgely, Medium		1.00
" " Short	.50 to	.75
		Per 100
Bride and Bridesmaid	4.00 to	5.00
" " Specials	2.00 to	3.00
Kaiserin, Firsts	4.00 to	6.00
" Seconds	2.00 to	3.00
Liberty, Firsts	4.00 to	6.00
" Seconds	2.00 to	3.00
Cattleyas	40.00 to	50.00
Carnations, Common	.75 to	1.00
" Fancy		1.50
" Novelties	2.00 to	3.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprengeri Sprays	35.00 to	50.00
Asters, Ordinary	.75 to	1.00
" Fancy	1.50 to	2.00
Dahlias, Ordinary	.50 to	1.00
" Fancy		1.50
Hydrangeas	2.00 to	3.00
Lilium Auratum, doz.	1.00 to	1.50
" Harrisii, doz.	.75 to	1.00
Smilax	10.00 to	12.50
Sweet Peas	.25 to	.40
Petunias, double	.50 to	.75
Yellow Daisies	.75 to	1.00
Tubroses	2.00 to	4.00

CYCLAMEN

GIGANTEUM. Finest Giants, mxd., strong 2½-inch, showing flower buds, $1.00 per 100.

PRIMROSES.

Finest grown large flowering, fringed, single and double, mixed, 2-inch, $2.00 per 100.

PRIMROSE Seed. Finest Chinese grown, mixed, 500 seeds, $1.00; ½-pkt., 50c.

CYCLAMEN Giganteum. Finest mixed, 200 seeds, $1.00; ½-pkt., 50c.

CINERARIA. Finest large-flowering Dwarf, 1000 seeds, 50c.

DAISY. Double Giants, mixed, 1000 seeds, 25c.

PANSY GIANT The finest large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50c.

☞ 500 seeds of **"Giant Mme. Perrett"** added to every $1.00 pkt. of Giant Pansy Seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in **CUT FLOWERS**

WRITE FOR PRICES ON FIELD-GROWN CARNATIONS.

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Carnations, Valley, Yellow Daisies

1432 South Penn Square, **Philadelphia.**

Mention The Review when you write.

CUT ROSES DIRECT

From Grower to **DEALER**

Brides, Maids, Meteors, Short Beauties, and Sprengeri. Other goods later.

PRICES LOW. GOODS HIGH.

FREDERICK D. STEIN, "The Rose City," MADISON, N. J.

Mention The Review when you write.

Boston Ferns...

10-inch pans.....$1.50 each
12-inch pans..... 2.00 each

Pandanus Veitchii 6-inch pots, $1.00 each. Nicely colored.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

Cut Flowers We are cutting Beauties, Perles, Golden Gates, Maids, Brides, Ivory, Kaiserins, Woottons and Meteors in Roses, as well as Red, White and Pink Carnations and some fancy Semple Asters in white and colors.

Write—**GEO. A. KUHL, PEKIN, ILL.**

If in need of **Rose Stock**, still have good assortment.

Mention The Review when you write.

BOUVARDIAS.

Red, White, Pink, strong, field-grown plants, $1.25 a dozen, $8.00 a 100.

CHARLES E. MEEHAN,

Musgrove and Slocum Sts., GERMANTOWN, PA.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

KAISERIN ROSES, ASTERS, CARNATIONS

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., **PITTSBURG, Pa.**

Always mention the Florists' Review when writing advertisers.

Charles Millang, 50 W. 29th St. **New York**

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
WHOLESALE COMMISSION,
The largest commission house in America for Roses, Violets and all other varieties of Cut Flowers.
57 W. 28th Street, NEW YORK.
My large shipping trade enables me to command the highest prices.
Telephone 2200 Madison Square, which ring, connects you with all our TELEPHONES.
Special arrangements this season for the extensive handling of American Beauties.
Mention the Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality **American Beauties** and all other varieties of Roses.
Telephone 902 Madison Square. **Carnations**
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
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ESTABLISHED 1872.
JOHN J. PERKINS
WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK.
Tel. No. 956 Madison Square.
WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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ALEX. J. GUTTMAN,
Wholesale Florist.
hipments daily all over the country.
Correspondence Suggested.
52 West 29th St., - NEW YORK.
Tel. 1664-1665 Madison Sq.
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FRANK MILLANG,
CUT FLOWER EXCHANGE.
Coogan Building, 55-57 West 26th St. NEW YORK CITY.
Phone 299 Madison Square.
Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Aug. 29.

		Per 100	
Beauties,	Specials	$12.00 to	$15.00
"	Extra	8.00 to	12.00
"	No. 1	4.00 to	6.00
"	Shorts	1.00 to	3.00
Brides and Maids,	Specials	3.00 to	4.00
" "	Extra	1.50 to	2.00
" "	No. 1	1.00 to	1.50
" "	No. 2	.25 to	.50
Golden Gate		2.00 to	4.00
Liberty		1.00 to	8.00
Mme. Chatenay		2.00 to	4.00
Meteor		1.00 to	3.00
Orchids, Cattleyas		40.00 to	60.00
Carnations, Common			.50
" Selects		.75 to	1.00
" Fancies		1.00 to	2.00
Adiantum Cuneatum		.25 to	.50
" Croweanum		1.00 to	1.25
Asparagus Plumosus, Strings		25.00 to	50.00
Asparagus Sprengeri		8.00 to	10.00
Asters		.50 to	3.00
Dahlias		.50 to	1.00
Daisies		1.00 to	2.00
Gladioli		.35 to	.75
Lilies		4.00 to	6.00
Lily of the Valley		1.00 to	2.00
Smilax		6.00 to	8.00
Stocks	per bunch,	.05 to	.10

I WOULD not want to do without the REVIEW.—J. H. FIESSER, West Hoboken, N. J.

THAT little one-inch advertisement in your valuable paper did the work all right as usual.—J. F. Ammann, Edwardsville, Ill.

FRANK H. TRAENDLY. CHARLES SCHENCK.
TRAENDLY & SCHENCK,
Wholesale Florists
AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

FORD BROS.
111 W. 30th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
A complete assortment of the best in the market can always be relied upon.
Mention The Review when you write.

Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
Mention The Review when you write.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
Mention The Review when you write.

JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY.
Tel. 854 Madison Sq.,
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
Mention The Review when you write.

JOSEPH S. FENRICH
WHOLESALE FLORIST,
48 W. 30th Street, New York City.
Telephone No. 325 Madison Square.
Mention The Review when you write.

GALAX LEAVES.
Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.
Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.
L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. **New York**
Mention The Review when you write.

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Opened for business at

WM. J. MOORE, 1235=37 Filbert St., Philadelphia,

WHERE HE WILL BE HAPPY TO SEE HIS CUSTOMERS AND CONSIGNORS.
HE WILL BE PREPARED TO FILL ORDERS FOR CUT FLOWERS DURING THE COMING SEASON.
AND HOPES THAT ALL HIS OLD FRIENDS WILL FAVOR HIM WITH THEIR BUSINESS.

WILLIAM J. MOORE,

WHOLESALE FLORIST, 1235-37 Filbert Street, PHILADELPHIA.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention.
L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.
11 Province St., BOSTON, MASS.
Mention The Review when you write.

A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of
EVERGREENS
GALAX, Bronze or Green
$1.00 per 1000.
FERNS, Fancy, $1.50 per 1000. Dagger, .75 "



468 Sixth Avenue, NEW YORK
Between 28th and 29th Streets.
Telephone 1431 Madison Square.
Mention The Review when you write.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of
EVERGREENS
FANCY and DAGGER FERNS, Brown and Green GALAX.





55 West 28th Street, Bet. 6th Ave. and Broadway, **New York City.**
Leucothoe Sprays, Holly, Princess Pine.
☞ October 1st we move to our new and commodious premises,
45 WEST 29TH STREET.
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For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
Caldwell The Woodsman Co., Evergreen, Ala.
or their agents:—J. B. Deamud, Chicago, Ill.; W F. Kasting, Buffalo, N. Y.; Leo Niessen, Philadelphia, Pa.; J. M. McCullough's Sons, Cincinnati, O.; Reed & Keller, New York City; Holton & Hunkel Co., Milwaukee, Wis.; Barteldes & Co., Denver, Colo.; G. M. Kellogg, Kansas City, Mo.; H. G. Berning, St. Louis, Mo.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Buffalo, Aug. 31.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	4.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.20 to 2.00
Gladiolus	.50 to 2.50
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.15 to .20

THAT was a grand hit, that adv. I had in the Easter number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

Fresh GREEN GALAX

EXTRA FINE. Now ready for shipping by express.
All orders have our personal and prompt attention.

C. W. BURLESON & SON, LINVILLE, N. C.

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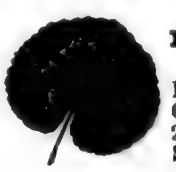
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N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square
Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.
Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.
Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.
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ROSES High Grade cut blooms at all times

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SOUTH PARK FLORAL CO.
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MILWAUKEE, -- WIS.

GALAX--GALAX--GALAX

Galax—Bronze or Green	$1.00 per 1000
Ferns—Dagger or Fancy	.75 "
Ivy Leaves—English	5.00 "
Sphagnum Moss	.60 bbl. sack

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For plants or bulbs address
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Dahlia Specialist. ATCO, N. J.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Aug. 31.

		Per doz.
Beauties,	Long stems	$3.00
"	30-inch "	2.50
"	24-inch "	2.00
"	20-inch "	1.50
"	15-inch "	1.25
"	12-inch "	1.00
	Shorts....per 100, $4.00 to $5.00	
		Per 100
Bridesmaids,	Specials	$4.00 to $5.00
"	Firsts	2.00 to 3.00
Brides,	Specials	4.00 to 5.00
"	Firsts	2.00 to 3.00
Liberty,	Specials	5.00 to 6.00
"	Firsts	2.00 to 4.00
Golden Gate,	Firsts	4.00 to 5.00
"	Seconds	2.00 to 3.00
Kaiserin,	Firsts	6.00 to 8.00
"	Seconds	3.00 to 5.00
Meteor,	Firsts	4.00 to 5.00
"	Seconds	2.00 to 3.00
Ivory,	Firsts	4.00 to 5.00
"	Seconds	2.00 to 3.00
Perles,	Firsts	4.00 to 5.00
"	Seconds	2.00 to 3.00
La France		5.00 to 6.00
Chatenay		3.00 to 5.00
Carnations		.50 to 1.50
Asters		.50 to 2.00
Tuberoses		1.00 to 2.00
Easter Lilies	per doz.	1.50
Auratums	"	1.25 to 1.50
Gladioli		1.00 to 3.00
Dahlias		1.00 to 3.00
Asparagus,	Strings	25.00 to 50.00
"	Stays....per bunch,	.25 to .35
Sprengeri	"	.25 to .35
Smilax	....per doz.	1.25

AT THE SIGN OF THE JACK ROSE.

A Daily Cut from 40 Growers

"Highest Qualities" as well as "Under Grades" at ruling market quotations

We can and will supply your Cut Flower wants to advantage.

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Wholesale Growers and Shippers of CUT FLOWERS

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With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

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Hunt's Flowers Go Everywhere.

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Greenhouses at Hinsdale, Ill.

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Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.

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Brides and Maids Cut from old Plants . . . .

Extra long stems, good buds, exceptionally good stock for this season of the year. . . . At very low prices for immediate shipping orders.

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Write for special quotations on large orders.

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WHERE WE SHALL BE PLEASED TO SEE YOU OR TO HEAR FROM YOU AT ANY TIME.

The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., **Philadelphia**

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Wholesale Cut Flower Prices.

St. Louis, Aug. 31.

		Per doz.
Beauties,	Specials	$2.00 to $3.00
"	Extra	1.00 to 1.50
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$3.00 to $5.00
" "	Extra	1.50 to 2.50
" "	No. 1	.50 to 1.00
Carnot		4.00 to 5.00
Golden Gate		3.00 to 4.00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 5.00
Meteor		2.00 to 5.00
Carnations,	Common	.50 to .75
"	Fancies	1.00 to 2.00
Adiantum Cuneatum		1.00 to 1.25
"	Farleyense	1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 35.00
"	Sprays	1.00 to 1.50
"	Sprengeri "	1.00 to 1.50
Asters		.75 to 2.00
Gladiolus		2.00 to 3.00
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Tuberoses		1.50 to 2.00

Milwaukee, Aug. 31.

		Per 100
Beauties,	Extra	$25.00
"	No. 1	10.00 to 13.00
"	Shorts	4.00 to 8.00
Bride and Bridesmaid,	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 3.00
Golden Gate		2.00 to 5.00
Kaiserin		2.00 to 6.00
Liberty		2.00 to 6.00
Mme. Chatenay		2.00 to 5.00
Meteors		2.00 to 5.00
Carnations,	Common	.75 to 1.00
"	Selects	2.00
Adiantum Cuneatum		1.00
Asparagus plumosus,	Strings	35.00 to 50.00
" "	Sprays	3.00 to 4.00
"	Sprengeri "	3.00 to 4.00
Asters		.50 to 1.50
Gladiolus		.75 to 2.00
Lilium Auratum		1.00 to 1.50
Lily of the Valley		2.00 to 4.00
Smilax		8.00 to 10.00
Sweet Peas		.25 to .40

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Why Don't You? Go see THE FLOWER GROWERS' MARKET, 60 Wabash Avenue, CHICAGO, or address—

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Consignments solicited. Special attention given to shipping orders.

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All Flowers in Season

CONSIGNMENTS SOLICITED

Prompt returns and best of care given all consignments.

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36 EAST THIRD ST., Cincinnati, Ohio.

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Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

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Wholesale Cut Flower Prices.

Cincinnati, Aug. 31.

		Per 100
Beauties,	Extra	$15.00 to $20.00
"	No. 1	10.00 to 12.50
"	Shorts	4.00 to 8.00
Brides and Maids,	Extra	4.00
" "	No. 1	3.00
" "	No. 2	2.00
Golden Gate		2.00 to 4.00
Kaiserin		2.00 to 6.00
Liberty		2.00 to 6.00
Meteor		2.00 to 4.00
Perle		2.00 to 3.00
Sunrise		2.00 to 3.00
Carnations,	Common	.50
"	Selects	.75 to 1.00
"	Fancies	1.50 to 2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	35.00 to 50.00
"	Sprays	4.00 to 5.00
"	Sprengeri, "	2.00 to 3.00
Asters		.25 to 2.00
Dahlias		2.00 to 4.00
Daisies		.25 to 1.00
Gladiolus		2.00 to 3.00
Lilium Longiflorum		8.00 to 12.00
Smilax		10.00 to 12.50
Tuberoses		2.00 to 3.00

Pittsburg, Aug. 31.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	12.00 to 15.00
"	No. 1	6.00 to 10.00
"	Shorts	3.00 to 5.00
Brides and Maids		2.00 to 6.00
Cusin		2.00 to 4.00
Kaiserin		2.00 to 10.00
Liberty		3.00 to 6.00
Mme. Chatenay		2.00 to 4.00
Carnations, Common		.50 to 1.50
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	25.00 to 50.00
"	Sprays	1.00 to 2.00
"	Sprengeri "	1.00 to 3.00
Asters		.50 to 3.00
Gladiolus		2.00 to 4.00
Lily of the Valley		4.00
Smilax		10.00 to 12.00

"I SHOULD not care to be without the REVIEW, as one article is often worth more to me than the cost of many years' subscription."—CHAS. H. ZUNDEL, Haverstraw, N. Y.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

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SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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WASHINGTON, D. C.

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Blackistone,

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S. B. Stewart,

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M. A. BOWE,

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J. J. BENEKE,

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Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

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Strong field-grown. All first size. Free from disease.

Enchantress.....$8.00 per 100

The following at $6.00 per 100:

Mrs. Lawson, Glacier, Avondale, Gaiety, Norway, Mrs. Joost, White Cloud, Flora Hill, Harlowarden.

Double Sweet Alyssum

to plant with Carnations.

Bushy, out-door grown plants from 2¼-inch pots, $3.00 per 100.

Nathan Smith & Son,

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We are offering the best quality of

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that we have ever had at this season of the year.

Special good values in 3, 4, 5 and 6-inch. Specimen plants in 7, 8 and 10-inch.

PLUMOSUS and SPRENGERI,

from seedlings, up to 5-inch, all sizes.

Also offer a number of **FICUS,** from 18 to 36 in. high, at special low prices.

A big stock of **SANSEVIERA.**

PRIMROSES and CINERARIAS,

in 2 and 3-inch pots.

Write **GEO. A. KUHL, PEKIN, ILL.**

LAWSON....

Strong field plants, not picked over.

$50.00 per 1000.

GEO. J. BALL, BERTEAU AND WESTERN AVENUES

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Lorraine Begonias...

I have a few hundred good healthy Lorraine Begonias. 2-inch, $1.75 per doz; $12.00 per 100. 50 at 100 rate. STRICTLY CASH.

JOHN DOUGHTY,

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ROSES. CARNATIONS.

Strong 3-inch stock. Will soon do to cut from.

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Perles, extra fine	5.00	
Joost, Armazindy, very strong	5.00	45.00

BOSTON FERNS—Choice, fresh looking plants, 2½-inch $4.00, 3-inch $8.00, 4-inch (extra strong, good as 5-inch), $15.00 per 100.

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Extra strong—Wolcott, Prosperity, Hill, Wood, Palmer, Higinbotham, $6.00 per 100; $50.00 per 1000. Strong plants—Wolcott, Prosperity, Hill, Wood, Palmer, Higinbotham, White Cloud, Apollo, Estelle, $5.00 per 100; $45.00 per 1000. Joost, extra strong, $4.50 per 100; $40.00 per 1000.

ROSE PLANTS—4000 2½-in., extra fine Maids, $20.00 per 1000. 3000 3½-in. Brides and Gates, $35.00 per 1000. STEVIA—2½-in. strong, $18.00 per 1000. MUMS—Duckham, $10.00 per 100. Riemer, Chadwick, Plumridge, Salter, Willowbrook, Parr, Intensity, Kalb, Jones, Yellow Jones, Chatauqua Gold, Gold Mine, Pockett, $18.00 per 1000; $2.00 per 100.

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MORTON GROVE, ILL.

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Galax Leaves and all Decorative Greens.

Agents for CALDWELL'S PARLOR BRAND WILD SMILAX

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Hanfling & Kleppner,

Manufacturers and Importers of all kinds of

WILLOW AND FANCY BASKETS and FLORISTS' SUPPLIES,

114 West 28th Street, Between 6th and 7th Aves., New York.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

SOLD ALL PLANTS.

Please discontinue my advertisement as I have sold all my carnation plants from the advertisement in your paper. I enclose $3 to pay for the service.

THOS. H. PATERSON.

Baltimore.

KANSAS CITY.

On August 23 seven Kansas City florists accepted the invitation of Geo. M. Kellogg to visit his large establishment at Pleasant Hill and sample the many delicacies that are produced in his spacious gardens and lakes. We were conducted through nearly seven acres of greenhouses by Mr. Bastien and, for the season, we found stock remarkably promising.

Mr. Kellogg adheres to the solid bed plan and from the manner in which the establishment expands we can but conclude that he finds profit therein. The several houses of Meteors and American Beauties excited the admiration of all. Golden Gate and Ivory are grown the second and third year with no limit to cutting. Two of the newer introductions, Uncle John and General MacArthur, are in prime condition. Mme. Chatenay has been given more space, for there is no doubt but what this rose with its friend, Sunrise, has come to stay.

Three large houses of Boston ferns show the demand is not diminishing in this line. When we asked about the Piersoni and its future the answer received was certainly of a doubtful nature.

Carnations were all under glass and the bulb question was being handled with interest. Harrisii comes to the front in the lily line, although longiflorum can hardly be dispensed with.

The large lake that supplies the plant with water was an unexpected point of interest from the fact that Mr. Bastien had thoughtfully provided fishing tackle and we found the victims easily landed.

We were then escorted to Mr. Kellogg's residence, where an elegant luncheon was served with Mrs. Parker and Miss Bush as genial hostesses. Those participating in the pleasure trip were J. Tobler, of Westport; F. C. Oakley, of Kansas City, Kan.; E. A. Humfeld, D. Freudenthal, E. D. Ellsworth, L. M. Schwager and C. M. Wise, of Kansas City.

Friends of Miss Ethel Parker, granddaughter of Geo. M. Kellogg, will be pleased to learn of her marriage to A. E. Shurling, of Oregon, Mo. The ceremony was celebrated at the house of the bride's parents, at Pleasant Hill.

L. M. S.

SCHUYLERVILLE, N. Y.

Miss Rogers, who is very pleasantly situated on the corner of Broadway and Washington avenue, and whose place always looks especially neat and attractive, has just been adding more room to meet the needs of her steadily increasing trade. It is a new carnation house, right up to date, iron benches, etc., and a propagating house. This gives her about twice as much glass as heretofore and she hopes to be able to meet all demands, but looking at the past it may be predicted that it will only be a short time before she will have to add more. The construction work has been under the charge of the president of the Chatham Floral Co., who also furnished the heating plant.

BELLEVILLE, ILL.—E. W. Guy is entertaining his father, T. M. Guy, of St. Joseph, Mo.

JOLIET, ILL.—John Lambert has presented the plants in his conservatories to local charitable institutions and closed the conservatories.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

SNYDER BROS., Minersville, Pa., have purchased what is known as the Cockill farm on the Llewellyn road and will establish a nursery business there.

THE nurserymen of Florida are largely increasing their plantings, especially of citrus trees, much stock now being exported to the West Indies, Mexico, South America and Africa.

THE growing season of 1904 to date has generally been much more favorable than in 1903. With an ordinary digging season nurserymen should be able to get good stocks into the storage houses and be much better fixed for spring than they were the past season.

THE American Peony Society has issued a bulletin stating the plan under which the society will co-operate with the horticultural department of Cornell University in a study of the peony to correct nomenclature. All interested growers are invited to send three plants of each variety for test to John Craig, Ithaca, N. Y.

THE Association of American Cemetery Superintendents met in Chicago August 23 to 25. The following new officers were elected: President, James H. Morton, Boston, Mass.; vice-president, E. G. Carter, Chicago; secretary-treasurer, Bellett Lawson, Harrisburg, Pa. The next meeting will be held in Washington, D. C., at a date to be selected by the executive committee.

PEONIES.

Rosea Superba. Fine, large, rosy pink, 4 to 6 eyes, $10.00 per 100.

Humei. Bright, rosy pink.....4 to 6 eyes, $6.00 per 100.

Batavia Greenhouses, Batavia, Illinois

Mention The Review when you write.

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices. Ask for prices. Catalogue free on demand. No agents.

Mention The Review when you write.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

CALIFORNIA PRIVET

400,000, 1 year,	2 to 4	branches,	12 to 18 inches.
300,000, 2 year,	4 to 8,	"	20 to 24 "
250,000, 2 year,	6 to 10,	"	24 to 36 "
50,000, 2 year,	6 to 12,	"	36 to 48 "
25,000 3 year,	8 to 12,	"	36 to 48 "

Two and three years. Has been transplanted. Write for Trade List and Prices.

J. H. O'HAGAN, River View Nurseries, Little Silver, N. J.

Mention The Review when you write.

CLEARING OUT

SALE OF NURSERY STOCK

Land taken into the city cause for wanting to sell the entire Nursery Stock in one lot or part. A good bargain to anyone who will buy the entire lot. Stock is all merchantable size.

6,200	**Shade Trees**—	Ranging from 7 to 15 feet, average 12 feet, mainly comprising Sugar and Norway Maples, Linden, Elms, Horse Chestnut, etc.
4,900	**Evergreens**—	Spruce, Arbor-vitae and Retinospora, in variety, ½ to 10 feet high.
5,400	**Shrubs**—	In variety, 1 to 4 feet high.
300	**Yucca**—	Strong, 6-year-old Clumps.
300	**Privets**—	Standards, nice heads, 6-year-olds.
400	"	Round Bushes, shorn 6-year-olds.
30,000	"	Heavy, for Hedging, 3-year-olds.
100,000	"	Strong, for Hedging, 2-year-olds.

SEND FOR LIST

C. RIBSAM & SON, Trenton, N. J.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

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The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

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W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

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VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

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Apple Seedlings, Apple Grafts

FOREST TREE SEEDLINGS, GENERAL NURSERY STOCK

WE ARE PREPARED to furnish Nebraska or Kansas-grown Apple Seedlings, and will contract to furnish piece root or whole root grafts in quantities. We issue no retail catalogue, and want replies from nurserymen or planters who buy in large quantities. Wholesale Price List ready Sept. 1. Satisfaction guaranteed.

SHENANDOAH NURSERIES,

D. S. LAKE, Prop. SHENANDOAH, IA.

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POT-GROWN

Strawberry Plants!

CLYDE, GLEN MARY, BUBACH, HAVILAND, SHARPLESS, BRANDYWINE, $2.50 per 100 —— $20.00 per 1000

CASH WITH ORDER.

J. H. RAINSBURY, Bernardsville, N. J.

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PETERSON NURSERY,

170 La Salle St., CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Information.

Always mention the Florists' Review when writing advertisers.

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STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
LAWSON	"	6.00
ELMA	"	6.00
GOODENOUGH	"	5.00
MACEO	"	5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. No bud on them.

Wolcott, $6.00; Estelle, $6.00; Alba, $6.00; Enchantress, $8.00; Lawson, $6.00; Queen Louise, $5.00; Manley, $5.00; Lord, $5.00; Fenn, $5.00; Lorna, $5.00; Glacier, $5.00; M. Glory, $5.00; America, $5.00; Joost, $5.00; Red Wing, $5.00; Gomez, $5.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

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100,000 Field Carnation Plants

One of our customers, to whom we sent 3000 carnation plants, said: "We compliment you on the quality of your plants," and ordered 1000 more.

1st size, $7 per 100; 2nd size, $5 per 100.

Lawson, Nelson, Floriana, McKinley, Fair Maid, Morning Glory, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud, Prosperity, Bradt, Maceo, Gomez, Crane, Adonis.

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

CARNATIONS

FIELD-GROWN. Nice size to plant.

Enchantress, $10 00 per 100. Gov. Wolcott, $5.00 per 100. Boston Market, $6.00 per 100. Mrs. Lawson, $5.00 per 100; $40.00 per 1000.

BOSTON FERNS—Nice plants, 2½-inch, $4.00 per 100; 3-inch, $7.00 per 100; 4-inch, $15.00 per 100.

PANSIES—Roemer's Superb Prize, plants ready Sept. 20th, at $3.00 and $4.00 per 1000.

S. T. DANLEY, MACOMB, ILL.

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FIELD-GROWN

Carnations...

500 Genevieve Lord, 500 Gov. Roosevelt, 350 Floriana, { $ 6.00 per 100. 50.00 per 1000.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

Fred Burki is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA.

S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

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ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

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Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
LAWSON	$6.00	$50.00	FLORA HILL	$5.00	$45.00
ROOSEVELT	6.00	50.00	PERU	5.00	45.00
GOV. WOLCOTT	6.00	50.00	TRIUMPH	5.00	45.00
PROSPERITY	6.00	50.00	CRANE	6.00	50.00

J. A. BUDLONG, 37 and 39 Randolph Street, CHICAGO, ILL.

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Piersoni Ferns

Good Stock. Prompt Shipment. Bargain Prices.

To reduce our stock we are offering the following, strong-rooted runners $2.00 per 100; 2½-inch, $4.00; 3-inch, $6.00; 4-inch, $15.00; 5-inch, $25.00; 6-inch, $35.00; 7-inch, $50.00 per 100.

Also **Bostons** in all sizes, of finest quality. Write for prices.

Violets, **Marie Louise,** strong field-grown plants, $4.00 per 100.

DAVIS BROS., - Geneva, Ill., and Morrison, Ill.

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15,000 EXTRA FINE ROSE PLANTS

3-inch pots, propagated for our own use, Bride, Bridesmaid, Golden Gate, Ivory, Meteor, $4.00 per 100; $35.00 per 1000.

A. GUDE & BRO.

1124 F Street N.W., WASHINGTON, D. C.

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H. Weber & Sons CARNATIONS!

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Always mention the Florists' Review when writing advertisers.

Carnations.

Fine, healthy field-grown plants. Ready to bench now.

Mrs. Thos. Lawson	$6.00	per 100;	$50.00	per 1000
Queen Louise	6.00	"	50 00	"
Mrs. Geo. Bradt	6.00	"	50.00	"
Norway	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Joost	5.00	"	40.00	"
Genevieve Lord	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Jerome Jones Chrysanthemum, fine strong plants, in 2-in. pots, $3.00 per 100; $25.00 per 1000.

Perle Roses, strong, 4-inch pots.....$8.00 per 100
Golden Gate Roses, strong, 4-in. pots 8.00 "

Asparagus Plumosus, 3-inch pots, $5.00 per 100; $40.00 per 1000.

Aspidistras, green leaved, 4, 5 and 6-inch pots, 5 to 15 leaves per plant, $5.00 per 100 leaves; $40.00 per 1000 leaves.

I. H. MOSS, GOVANSTOWN, BALTIMORE, MD.

ASPARAGUS SEEDLINGS from flats, ready for 2-in., strong and thrifty.

PLUMOSUS NANUS, True, $12.00 per 1000; 250 at 1000 rate; $1.50 per 100.

PLUMOSUS, True. $12.00 per 1000; 250 at 1000 rate; $1.50 per 100.

PLUMOSUS NANUS, 2½-in., ready for benching from open ground, $20.00 per 1000; $2.50 per 100.

Prepaid. Cash with order. Large lots, write us.

GILLETT & JAMES,

Yalaha Conservatories, - YALAHA, FLA.

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FIELD-GROWN CARNATION PLANTS

White:	Per 100	1000
Bride	$10 00	....
Queen	8 00	$60.00
Boston Market	7.00	60 00
Lillian Pond	6 00	50.00
Peru	6 00	....
Queen Louise	6.00	50.00
Glacier	5 00	....

White:	Per 100	1000
Flora Hill	$5.00	$45 00
McGowan	4.00	35.00
Mrs. Fisher	4 00	35.00
Pink:		
Dorothy	6 00	....
McKinley	6.00	....
Nelson	6.00	....

Pink:	Per 100	1000
Challenger	$5 00	....
Melba	5.00	$40.00
Dean	5 00	40 00
Joost	5 00	40 00
Scott	4.00	...
Morning Glory	5.00	....
Fair Maid	6.00	....

Red:	Per 100	1000
Crane	$6.00	....
Portia	4 00	....
Crimson:		
Harry Fenn	6.00	....
Variegated:		
Prosperity	6.00	$50.00

Well grown, large, bushy plants free from all disease.
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

LOUISVILLE, KY.

Business the past week has shown no signs of improving. We are having very dry weather again and carnations in the field are suffering for the want of rain.

Joseph Coenen and his son have returned from a two weeks' visit at the World's Fair.

Ferdinand Link, a promising young florist, has added another greenhouse to his plant.

Miss Violet Rudy, daughter of T. B. Rudy, is spending the summer in Carrolton, Ky.

Jno. Bohrman will go some time in September to visit the World's Fair.

Henry Fuchs is adding two more houses to his plant.

Wm. Mann has sold out his business to Beutel & Frederick. The latter has been employed for a number of years by Jacob Schulz. The craft wish them success.

Fred Haupt and wife have gone to California to attend the Knights Templar conclave.

The next meeting of the Kentucky Society of Florists will be held at Chas. Reimers' on Hite avenue. Everybody is invited to be present.

Geo. Schulz has two houses of carnations which were planted in April and grown without glass, which are hard to beat.

A. Heitz has a very fine lot of potted chrysanthemums for his cemetery trade.

HY. LICHTEFELD.

CATALOGUES RECEIVED.

Clucas & Boddington Co., New York, bulbs; Rose Hill Nurseries, New Rochelle, N. Y., plants; J. A. Peterson, Cincinnati, plants; M. Crawford Co., Cuyahoga Falls, O., strawberry plants; Foley Mfg. Co., Chicago, greenhouse material; John Peed & Son, London, Eng., bulbs; Wm. Bull & Sons, London, Eng., bulbs.

NEWPORT, R. I.—The annual exhibition of the local horticultural society will be held September 20 to 22. The members are all working to make it the most successful show on record. A lengthy and liberal premium list has been issued. A special feature will be the showing of cactus dahlias.

SURPLUS
CROCKER CARNATION PLANTS
4,000 No. 1 Field-grown Plants.
$4.00 per 100—$35.00 per 1,000.
J. W. DUDLEY & SON, PARKERSBURG, W. VA.
Mention The Review when you write.

FIELD-GROWN
CARNATION PLANTS.
Send for my list of varieties and prices.
SOL GARLAND, Jr., Des Plaines, Ill.
Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c
Enchantress	light pink	10c
Lawson	pink	7c
Mrs. Potter Palmer	scarlet	6c
Chicago	red	6c
J. H. Manley	scarlet	6c
Mrs. E. A. Nelson	pink	6c
Gov. Roosevelt	crimson	6c
Maceo	crimson	6c
Floriana	pink	5c
Ethel Crocker	pink	5c
Eldorado	yellow	5c
Success	light pink	5c
Oriole	scarlet	5c
Mermaid	pink	5c
Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.
Mention The Review when you write.

NEW SCARLET CARNATION
THE CARDINAL!
AN IMPROVED ESTELLE IN EVERY RESPECT.
Winner of 1st PRIZE, BEST 100 SCARLET, AT DETROIT.
READY JANUARY 1. $12.00 per 100; $100.00 per 1000.
INTRODUCERS { E. G. HILL CO., Richmond, Ind.
S. S. SKIDELSKY, Philadelphia, Pa.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

60,000 FIELD-GROWN CARNATIONS
CLEAN, HEALTHY, STOCKY PLANTS.
Enchantress.....$7.00 to $8.00 per 100
Lawson..... 4.00 to 5.00 per 100
Flora Hill, Crane, Guardian Angel,
Morning Glory, America, Higinbotham,
Dorothy Whitney, Apollo, Roosevelt,
Harlowarden, Gomez, Lillian Pond,
Prosperity, Stella, Alba,
E. A. Nelson, Marquis.
Above varieties $4.00 to $5.00 per 100; $35.00 to $45.00 per 1000. Write for prices on large orders.
300 long heavy strings Asparagus plumosus, and 200 long Smilax ready to cut, cheap.
W. H. WATSON,
LAPEER, MICH.
Mention The Review when you write.

FIELD-GROWN CARNATION PLANTS.
8000 Queen Louise...$5.00 per 100; $45.00 per 1000
2000 Enchantress.... 8.00 " 75.00 "
1000 Norway..... 6.00 per 100
500 Prosperity..... 6.00 "
CASH WITH ORDER.
W. E. HALL, - CLYDE, OHIO.
Mention The Review when you write.

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Florists' Review
When Writing Advertisers.

FIELD-GROWN
Carnations.
Extra strong, healthy plants.
Queen Louise, Norway, White Cloud, Lorna, Prosperity, Flora Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Ready for immediate shipment. All of the above varieties, $8.00 per 100; $50.00 per 1000.
ORDER NOW.
Price quoted is for first-class selected stock. Can supply cheaper grades if desired.
CHAS. W. McKELLAR,
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

Field-Grown Carnations.
Strong Healthy Plants.
Lawson.....$6.00 per 100; $50.00 per 1000
Flora Hill..... 5.50 " 45.00 "
White Cloud..... 5.00 " 40.00 "
Guardian Angel..... 5.00 " 40.00 "
CASH WITH ORDER.
OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.
PETERSON AVE., NEAR ROBEY ST.
Mention The Review when you write.

CARNATIONS.
STRONG FIELD PLANTS.
12,000 LAWSON.....per 1000, $50.00
10,000 WHITE CLOUD ..... " 45.00
10,000 FLORA HILL..... " 45.00
IMMEDIATE DELIVERY.
WEILAND & RISCH,
59 Wabash Avenue, CHICAGO

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
The Queen	$8.00	$75.00
Lillian Pond	6.00	50 00
Gov. Wolcott	6 00	50.00
Her Majesty	6.00	50.00
Marian	5.00	45 00
Queen Louise	5.00	45.00

White:	Per 100	1000
White Cloud	$5 00	$45.00
Hill	5.00	....
Mary Baker	5.00	....
Pink:		
Enchantress	8.00	70 00
Lawson	6 00	50.00

Pink:	Per 100	1000
Fair Maid	$6.00	$50.00
Alpine Glow	6 00	50.00
Mrs. Nelson	5.00	45.00
Floriana	5.00	45.00
Joost	4.00	35 00
Melba	4.00	35.00

Pink:	Per 100	1000
Crocker	$4.00	$35 00
Crane (Red)	6.00	....
Variegated:		
Prosperity	6.00	45.00
Gaiety	6.00	45.00
Marshall Field	7.00	....

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

Mention The Review when you write.

CARNATION PLANTS

FINE, HEALTHY STOCK. NO STEM-ROT.

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	4 00	35 00
Higinbotham, pink	5 00	45 00
Flora Hill, white	4 00	35 00
White Cloud, white	5 00	45 00
Queen Louise, white	5 00	45 00
Peru, white	5 00	45 00
Joost, pink	4 00	35 00
Lord, pink	4 00	35 00

George Reinberg

51 WABASH AVENUE,

CHICAGO.

Mention The Review when you write.

THE BEST

Is the Cheapest in the End.

52,000 Large, bushy, healthy field-grown Pink Plants.

	Per 100		Per 100
Enchantress	$7.00	Cervera	$ 5.00
The Queen	7.00	Glacier	6.00
Bradt	6.00	Cressbrook	5.00
Queen Louise	5.00	Marshall Field	6.00
Lillian Pond	5.00	May Naylor	6.00
Fair Maid	6.00	Her Majesty	6.00
Floriana	6.00	Dor'thy Whitney	8.00
Boston Market	6.00	Mrs. M. A. Patten	14.00
Goodenough	6.00	White Lawson	14.00

CASH.

C. L. HOWE,

CARNATION SPECIALIST,

DOVER, N. H.

Mention The Review when you write.

ROSES CLOSING OUT PRICES.

2½ and 3-inch, extra choice stock Golden Gate, Bride, Bridesmaid, $20.00 per 1000. Mme. Chatenay, $30.00 per 1000.

Above prices cash with order.

JOHN BROD, Niles Center, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Indianapolis

See what Others Think of it

TESTIMONIAL.

RICHMOND, IND., Dec. 24, 1903.

Messrs. BAUR & SMITH, Indianapolis, Ind.

GENTLEMEN:—We have a water famine at our place and I have not been able to water my plants for such a long time the soil was as dry as the dust in the street, so we hauled water this week and got the plants watered well Wednesday. We are drilling our well deeper but have no water yet. Now the reason I tell you this is, I did not like Indianapolis so well on account of the petals cupping so. Well, I got water to them and I am surprised; even with the drought, it is one, two, three over Lawson to-day, petals straight and form and size grand in every respect. I will grow it in place of Lawson and Dorothy. How early can you deliver to us 1000 good cuttings? Let me know at once and oblige.

Yours truly,

CHAS. KNOPF.

We have about 5000 fine Field-Grown Plants to sell this Fall at **$12** per 100; **$100** per 1000. First come, first served.

BAUR & SMITH,

330 W. 38th Street,

INDIANAPOLIS, IND.

Mention The Review when you write.

FIELD-GROWN CARNATIONS!

RELIABLE STOCK.

Lady Bountiful.....**$12.00 per 100**

Harlowarden, Palmer } **$80.00 per 1000**

Norway, Guardian Angel, Joost, Morning Glory, Melba, Scott, Genevieve Lord, Higinbotham, Marshall Field } **$40.00 per 1000**

Less lots 1c higher. Cash with order.

PERCY JONES, Flower Growers' Market.

60 Wabash Ave., **CHICAGO.**

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$4 00	$35 00
PERU	6 00	50 00
WHITE CLOUD	4 50	40 00
NORWAY	5 00	40 00
QUEEN LOUISE	5 00	40 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	5 00	45 00
GUARDIAN ANGEL	4 00	35 00
McKINLEY	6 00	50 00
Light Pink:		
MRS. HIGINBOTHAM	4 00	35 00
Red:		
CHICAGO	6 00	50 00
MRS. INE	4 00	35 00
ESTELLE	6 00	50 00
Maroon:		
ROOSEVELT	6 00	50 00
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

Rose Plants

Strong stock, from 2½-inch pots.

LOW PRICES TO CLOSE OUT

UNCLE JOHN

THE FINEST PINK ROSE yet introduced, BEAUTIFUL COLOR, FREE BLOOMER, BEST MONEY MAKER.

$20 per 100; **$150** per 1000.

	Per 100	Per 1000
GOLDEN GATE	$2 50	$20 00
3-inch pots:		
CHATENAY	5 00	40 00
BRIDESMAID	3 50	30 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

CINCINNATI.

The Market.

Business is still good, in fact considerably better than it was at this time last year. This is due, doubtless, to the fact that there are many more flowers now than I have ever seen at this time of year. While stock was rather scarce last week, there was any quantity in sight this week, and buyers could get whatever they wanted, except carnations. A few field-grown ones are seen, but the quality is very poor. It will not be long, though, till several growers will begin to cut from indoors. Asters are coming by the thousands and the price has suffered in consequence, but very few of them have found their way to the dump. Gladioli are not so plentiful and sell fairly well. Some of very good quality are to be had. Tuberoses are a little scarce and those that do come in sell quickly.

Beauties are still in good supply and demand. Some fine Kaiserin also sell well. Brides, Maids and other roses from new stock are short-stemmed and in many cases are hard to move at a satisfactory price, but they go well for funeral work.

Various Notes.

E. G. Gillett and family have just returned from St. Louis and report a fine time spent at the S. A. F. convention and attending the Fair.

Max Rudolph and Gus Adrian are home after an extended trip about the Great Lakes. They spent a good deal of time in fishing and it is needless to say anything in regard to the numbers or size of the finny tribe that fell victims to their hooks.

J. Baer and wife are now at St. Louis attending the fair.

Wm. Bolia died during the past week. He was born in Germany and has been in business near this city for many years. He was about 65 years old.

C. J. Ohmer.

BUCKLEY'S

August Bargains!

Here is your chance to secure the following first-class stock at rock bottom prices for a few days.

CARNATIONS from field. Our plants are just the right size for planting and shipping, strong, healthy, free from all disease. Francis Joost, Marquis, Prosperity, Lawson, Norway, Glacier, $4.00 per 100; $40.00 per 1000.

GERANIUMS—Strong 2½-inch. J. Viaud, Mrs. E. G. Hill, Beaute Poitevine, S. A. Nutt, Bruanti, $1.50 per 100; $15 00 per 1000.

SMILAX—Strong 2¼-inch. We have the best stock in the market at $1.25 per 100; $10.00 per 1000.

ASP. PLUMOSUS NANUS — Beautiful stock from 2¼-inch pots, $2.50 per 100; $24.00 per 1000.

ASP. SPRENGERI — Strong plants from 2¼-inch pots, $1.50 per 100; $14.00 per 1000.

SPOT CASH.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

CYCLAMEN

I have a few hundred Cyclamen, best possible strain, mixed colors, well grown; not drawn by crowding, 2½-inch, $7.00; 3-inch, $10.00 per 100.

— STRICTLY CASH —

John Doughty, 300 Kimberly Ave., NEW HAVEN, Conn.

Mention The Review when you write.

FOR THE FALL TRADE. See Wholesale List "No. 5" for complete list of FORCING STOCK and DECORATIVE PLANTS.

	Per 100
ASPARAGUS PLUMOSUS ROBUSTUS	$4 00
ASPARAGUS PLUMOSUS	3.00
" SPRENGERI	2.50
PTERIS TREMULA	2.50
" ARGYRAEA	2.50
SMALL FERNS for DISHES, full list of best dwarf varieties $25 00 per 1000.	3.00
SMALL PALMS for CENTER PLANTS to Dishes—(2½-inch pots, 6 to 8 inches high)—	
Areca Lutescens	6.00
Kentia Belmoreana	8.00

ARAUCARIA EXCELSA at 50c, 60c, 75c, $1.00, $1.50 each.

BOSTON FERNS from bench—

4-inch pot size.. .....15c each
5-inch pot size .....25c "
6-inch pot size .....35c "

KENTIAS—Belmoreana and Forsteriana.

LATANIA BORBONICA.

CYCAS REVOLUTA.

Full range of sizes.
In grand condition.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Hardy Pompon Chrysanthemums. Small flowering or Button var....$2.00 per 100.

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, Mme. Conover, Jean Viaud, Granville (single), &c., $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety	per 1000, $15.00, 40c	$1.00
Hibiscus, 5 varieties		3 00
Lemon Verbena	per 1000, $20 00, 50c	2.50
Lantanas, 10 varieties	per 1000, $17.50, 40c	2.00
Maranta Messangeana	75c	4 00
Nymphaea Odorata Gigantea	60c	3.50
Plumbago, Blue and White 3-inch		3.00
Smilax	per 1000, $15.00,	2.00
Swainsona Alba	40c	2.00
" Roses	40c	2.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

Mention The Review when you write.

A. Plumosus Nanus.

2¼-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Mention The Review when you write.

TEN THOUSAND

Boston Ferns

From bench, $15.00 and $30.00 per 100.

Clumps of 3 and 4 planted together, extra bushy, $25 00 to $30.00 per 100.

PIERSONI, fine stock, $20.00 and $25.00 per 100.

Anna Foster, true, selected, $15.00 and $20.00 per 100.

FERNS for DISHES, 3-in., extra fine, $5.00 per 100. **BOSTONS** in pots, from 2½-in. to 12-in., 4c to $4.00 each.

CARL HAGENBURGER,

WEST MENTOR, OHIO.

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Last Call--Stock Must Be Sold

Boston Ferns—Nice young plants out of 2½-in. pots, $2.75 per 100. **Kentia Palms**—Cool grown and stocky, 3½-in. pots $12.00 per 100. **Coleus**—Golden Bedder, Verschaffeltii, and 10 other varieties, 2-in. pots, $2.00 per 100. **Stevia**—Fine stocky plants. 2-in. pots, $2.00 per 100. **Smilax**—2½-in. pots, $1.75 per 100; $15.00 per 1000.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Cyclamen Giganteum

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 3-in., $3.00 per 100. **Boston Ferns,** from bench, large plants, ready for 6-in. pots, $15.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

Always mention the Florists' Review when writing advertisers.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 8 to 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 11 to 13 in. high, 3 to 4 tiers, 60c. 5½-in. pots, bushy plants, 14 to 16 in. high, 3 to 4 tiers, 75c. 6-in. pots, bushy plants, 16 to 20 in. high, 4 to 5 tiers, 80c, 90c, $1.00.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch and 4-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c to 20c each.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

Asparagus Plumosus nanus—3-inch, strong, $6 00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5½-in., 25c to 30c.

Piersoni Ferns—Pot-grown, 4 to 6 fronds, $8.00 per 100; 4-in., 25c.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—5½-in. pots, strong, 35c; 6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—Variegated grass, $1.00 per doz.

Primula Chinensis for Xmas blooming. Rupp's best strain, 4-in., $8.00 per 100.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants. Bell Phone Tioga 3669A.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots.....2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $4.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens.....3.50 each
10-inch pans, fine specimens.....5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3.00 per 100	$ 25.00 per 1000
3 -inch pots	6.00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140.00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $35.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Boston Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. Dorchester, Mass.

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Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

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ZIRNGIEBEL GIANT PANSIES.

Market and Fancy Strains are the finest grade this season that we ever sent out, when large size and colors are wanted.

As growers, we know every strain of note in cultivation, and we can recommend our Pansies as unequalled.

New Crop Seed ready now in trade packages of either strain, at $1.00 each.

DENYS ZIRNGIEBEL, Needham, Mass.

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VIOLETS

Imperial, an improved Marie Louise, from 2-in. pots $25.00 per 1000; from 3-in. pots, ready in about two weeks, $4.00 per 100; $35.00 per 1000. Lady Campbell, 2-in., $2.00 per 100; 3-in., $35.00 per 1000. Field-grown carnations, write for varieties and prices.

CRABB & HUNTER, Grand Rapids, Mich.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

SEASONABLE STOCK

We have the following in first-class shape. If you are in need of any of these, you cannot do better either in plants or prices.

Asparagus Sprengeri 2½-in. pots, $2.00 per 100; $18.00 per 1000. We have 100,000 of these in fine shape.

Asparagus Plumosus 1¼-inch pots, $2.00 per 100; $18.00 per 1000. This is fine young stuff.

SMILAX—1¼-in. pots, $1.50 per 100; $12.00 per 1000. This is also fine.

Let us have your order at once.

THE GOOD & REESE CO., Springfield, Ohio

THE LARGEST ROSE GROWERS IN THE WORLD.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pot, $20 per 1000;	$2.50
Sprengeri, October 1st, 2¼-in. pots	2.00
Chinese Primroses, 2¼-in. pots	2.00
Forbesi	2.00
Cinerarias, September 1st	2.00
Pansy Plants, September, $2.50 per 1000	.60
Pansy Seed, large flowering, oz., $4.00.	

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,

Keap Street Greenhouses, BROOKLYN, N. Y.

ORCHIDS

ARRIVED—In Superb Condition
Large quantities of Cattleyas in variety.
Oncidiums in variety, and a fine lot of
ODONTOGLOSSUM CRISPUM.
Write for special list No. 12.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

OUR IMPORTATION OF

Cattleya Labiata

Has reached us in splendid condition. Write for samples. Don't delay.

Cattleya Percivaliana expected daily.

Price list of **Crotons, Dracaenas, Palms, etc.,** sent on application for Fall delivery.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

PALMS.

Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Double sweet alyssum, bushy, outdoor grown, from 2¼-in. pots, $3.00 100.
Nathan Smith & Son, Adrian, Mich.

Alyssum, dbl. giant, 3-in., bushy, $2.50, 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, 3 tiers, 8 to 10 to 11 in. high, 50c; 5½-in., 3 to 4 tiers, 11 to 13 in. high, 60c; 5½-in., 3 to 4 tiers, 14 to 16 in., 75c; 6-in., 4 to 5 tiers, 16 to 20 in., 80c, 90c, $1.00.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 5-in., $1.00 each. Cash or satisfactory references.
D. U. Augspurger & Sons, Peoria, Ill.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

ARDISIAS.

Ardisia crenata, 2-inch, 10c; 3-inch, 25c; 4-inch, 35c each.
Siebrecht & Son, New Rochelle, N. Y.

ASPARAGUS.

Asparagus seedlings from flats, strong, thrifty, ready for 2-in. Plumosus nanus, true, $12.00 1000; $1.50 100. Plumosus, true, $12.00 1000; $1.50 100. 250 at 1000 rate. Plumosus nanus, 2½-in., ready for benching from open ground, $20.00 1000; $2.50 100. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

First-class stock at bargain prices; 5 per cent discount for cash with order.

	Per 100
Plumosus, Flats	$ 2.00
Plumosus, 2½-in.	2.50
Plumosus, 3-in.	6.00
Plumosus, 5-in.	20.00

No charge for packing.
THE NUNNALLY CO., Atlanta, Ga.

Asparagus plumosus nanus, 3-in., $8.00 100; $75.00 1000; 2-in., $4.00 100; $35.00 1000. A. plumosus nanus seedlings, $2.00 100; $18.00 1000; 5000 lots at $16.00 1000. A. Sprengeri, 2-in., $2.00 100; $18.00 1000; 5000 lots at $16.00 1000. Cash or satisfactory references.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus decumbens, 2-in. pots, $3.00 100. A. plumosus, 2-in. pots, 50c doz., $3.00 100. A. Sprengeri, strong, 3-in., 75c doz., $5.00 100; from flats, $1.00 100; 2½-in. pots, $2.00 100.
C. Eisele, 11th & Jefferson Sts., Phila, Pa.

Asparagus plumosus nanus, 2½-in., $3.00 per 100; $25.00 per 1,000.
Sprengeri, 2½-in., $2.00 per 100; $17.50 per 1,000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¼-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, well established, 2½-in. pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus plumosus nanus, extra fine, 3-in., $5.00 100; $50.00 1000; 4-in., $10.00 100; $80.00 1000; 5-in., 2-yr.-old, $14.00 100; $120.00 1000. Cash.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Asparagus plumosus, 2-in. pots, $2.00 per 100. Asparagus Sprengeri, 4-in. pots, $7.00 per 100. Cash.
Seidewitz, 36 W. Lexington St., Baltimore, Md.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash, or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus plumosus. Get them while they are cheap and replant your bed; extra strong 3-inch, ready for 5-inch, $5.00 per 100.
Weber Bros., Ironton, Ohio.

Asparagus Sprengeri, 3-in., $3.00; 4 and 5-in., $6.00 per 100, all extra strong. A. plumosus nanus, 3-in., $4.00. Cash.
N. P. Colberg, Morris, Ill.

Asparagus plumosus nanus. Get them while you can, quick; 2½-in., ready for 4-in. shift, fine as silk, $3.00 per 100. Cash.
McDonald & Steele, Crawfordsville, Ind.

Asparagus plumosus nanus out of 2¼-in. pots, $2.50 per 100. Cash. Ask for price on large lots.
J. H. Flesser, West Hoboken, N. J.

Asparagus plumosus nanus, extra fine, 2½-in., $6.00 100. Cash.
John Doughty, 200 Kimberly Ave., New Haven, Conn.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

5,000 Asparagus Sprengeri plants, choice stock, 4 to 7-inch pots, or exchange for carnation plants. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri. Strong plants from 2¼-in. pots, $1.50 100; $14.00 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, about 200 extra fine plants in 3 and 3½-inch pots, 6½c.
R. G. Hanford, Norwalk, Conn.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 3-in., ready to be shifted into 4-in., $2.75; a few 4-in., $7.00.
Robert Buck & Co., Greenfield, O.

Asparagus plumosus and Sprengeri from seedlings up to 5-in.; all sizes. Write
Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000. Express prepaid.
California Carnation Co., Loomis Cal.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus Sprengeri seedlings, $1.00 per 100; $7.50 per 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, 3-in., $5.00 100; $40.00 1000. Isaac H. Moss, Govanstown, Balto., Md.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 100. E. Knabe, Frankfort, Ind.

Asparagus plumosus, 3-in., strong, $6.00 100. G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100. L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 2-in., $2.50 100. White's Conservatory, Sandusky, Ohio.

1000 Sprengeri, big 3-in., $25.00. Cash.
Roney Bros., West Grove, Pa.

Plumosus, fine strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

ASPIDISTRAS.

Aspidistras, green leaved, 4, 5 and 6-in., 5 to 15 leaves per plant, $5.00 100 leaves, $40.00 1000 leaves.
Isaac H. Moss, Govanstown, Balto., Md.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

I have a few hundred good healthy Lorraine begonias, 2-in., $1.75 doz.; $12.00 100. Cash.
John Doughty, 200 Kimberly Ave., New Haven, Conn.

Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Begonias, 12 varieties, 2 and 2½-in. pots, 40c doz., $2.50 100.
Harmon & Henderson, Iola, Kan.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D.
Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Jerusalem cherries, 2-in., ready for 3s, 40c doz., $1.50 100. Xmas (celestial) peppers, 2¼-in., 40c doz., $2.00 100; 3-in., 75c doz., $5.00 100. Ready for a shift. Fruit setting.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

BOUVARDIAS.

Bouvardias, red, white and pink, strong, field-grown, $1.25 doz., $8.00 100.
C. E. Meehan, Musgrove & Slocum Sts., Germantown, Pa.

BULBS.

	12	100	1000
HYACINTHS. Roman, white.			
11x13	$ .35	$ 2.50	$22.00
12x15	.45	2.75	26.00
13x15	.50	3.50	32.00
Dutch, Roman, miniature.	.40	2.25	20.00
PAPER WHITES.			
13 cms., true grandifl.	.20	1.00	8.75
Trumpet Major XXX	.25	1.50	12.00
LILIUM CANDIDUM.			
Mammoth, thick petaled.	.75	5.50	50.00
Extra size	.60	4.50	42.00
OXALIS.			
Bermuda buttercup	.15	.85	7.00
Giant fl., white, rose	.20	1.00	8.00
Giant fl., lavender	.15	.75	6.00
FREESIA.			
½ to ¾ inch	.12	.60	6.00
¾ inch up	.20	1.00	8.00
⅝ to ½ inch	.10	.50	4.00
CALLAS.			
3x5 inch circ	.50	3.50	30.00
4x6 inch circ	.75	5.50	50.00
5x7 inch circ	1.00	7.50	70.00
Monsters, 7-in. up	1.50	10.00	
LILIUM HARRISII. Semper Idem.			
5x 7, case 400	.50	3.25	30.00
6x 7, case 300	.60	4.50	40.00
7x 9, case 200	1.00	7.50	72.00
9x11, case 100	2.00	15.00	
CYCLAMEN per. gigan.	1.10	8.00	

H. H. Berger & Co., 47 Barclay St., N. Y.

JUST NOW we have in stock, Harrisii, candidum, callas, freesias, French Romans, paper whites. Dutch bulbs will arrive very soon. When you want good bulb stock from the best growers, try
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Lilium longiflorum—Bermuda.

Inch.	Case.	100	1000
5 to 7	400	$3.50	$30.00
7 to 9	200	7.00	60.00

Lilium Harrisii—True.

Inch.	Case.	100	1000
5 to 7	400	$4.50	$40.00
7 to 9	200	8.50	80.00
9 to 11	100	18.00	175.00

Full line of fall bulbs. Quality is my first consideration. Send for catalogue—just issued.
A. T. Boddington, 342 W. 14th St., N. Y.

	12	100	1000
Narcissi paper white grand.			
13—15 centi., case 1500	20c	$1.25	$10.00
Hyacinths French Roman white 12—15 centi., case 2000	50c	2.75	26.00
Freesia refracta alba.			
⅜—½-inch	12c	.50	3.50
½—¾-inch, large fl.	15c	.75	5.50

Dutch bulbs ready. Send for new bulb list.
Johnson & Stokes, 217-219 Market St., Phila.

LILIUM HARRISII. Being heavy importers we are in a position to furnish the best quality at the price of some inferior grades frequently offered.

Size.	Case.	12	100	1000
5 to 7	500	$0.75	$ 4.00	$ 36.00
7 to 9	250	1.30	8.00	78.00
9 to 11	100	2.50	16.00	155.00

New wholesale bulb list ready now.
Henry F. Michell Co., Philadelphia, Pa.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Japanese-grown FREESIA BULBS, ⅝ to ½-in., packed 10,000 bulbs in a case. Sold in original cases only. Send for prices, which are very reasonable; only a few cases left.
This is the introduction of Japanese-grown freesias in this country. Write or telegraph for a case at once.
Suzuki & Iida, 31 Barclay St., New York. N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

Calla bulbs now ready; they are dug when well ripened and cured in the shade up to fine grade. From 1¼ to 1½ to 2 inches in diameter. State amount and size wanted. Will send samples and price reasonable.
Ed. Wagner, 3rd & Madison Sts., Oakland, Cal.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Poet's narcissus, large, dbl. white, grandiflora; home-grown, acclimated blooming bulbs, the best flower grown next to peonies for Decoration day, $1.00 per 100; $7.50 per 1,000.
F. A. Baller, Bloomington, Ill.

Romans and paper whites, ready now. We have the pick of the French crop. Special large purchases of select crops enable us to sell you the BEST BULBS at lowest price.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Paper whites direct from France; first size, $7.50 1000; grandiflora, $9.50 1000.
N. LePage, Mt. Vernon, N. Y.

Florists' bulbs of highest quality. Get our prices before placing your order.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Write for prices.
John F. Croom & Bro., Magnolia, N. C.

Now ready. Lilium Harrisii, longiflorums, freesias, buttercup oxalis.
W. W. Rawson & Co., Boston, Mass.

Spider Lily bulbs, $10.00 per 1,000. Special price on large lots.
T. K. Godbey, Waldo, Fla.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex.

Cactus plants and seeds. Orders solicited.
A. B. Nickels, Laredo, Tex.

CARNATIONS.

Field-grown carnations. Queen Louise, 1st size, $5.00 per 100; 2nd size, $4.00 per 100. Enchantress, $7.00 per 100. Cash with order.
Leonard Cousins, Jr., Concord Junction, Mass.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants.

	100	1000		100	1000
Bride	$10.00	..	Dorothy	$6.00	..
Queen	8.00	$60	McKinley	6.00	..
B. Market	7.00	60	Nelson	6.00	..
L. Pond	6.00	50	Challenger	5.00	..
Peru	6.00	..	Melba	5.00	$40
Q. Louise	6.00	50	Dean	5.00	40
Glacier	5.00	..	Joost	5.00	40
F. Hill	5.00	45	Scott	4.00	..
McGowan	4.00	35	M. Glory	5.00	..
Mrs. Fisher	4.00	35	Fair Maid	6.00	..
Crane	6.00	..	Portia	4.00	..
H. Fenn	6.00	..	Prosperity	6.00	50

We guarantee all of the above stock to be in first-class condition.
The Leo Niessen Co., Philadelphia, Pa.

Field-grown plants, clean, healthy, stocky.
Enchantress ..... $7.00 to $8.00 per 100
Lawson ..... 4.00 to 5.00 per 100

Flora Hill	Crane
Guardian Angel	America
Morning Glory	Apollo
Marquis	Roosevelt
Higinbotham	Gomez
E. A. Nelson	Harlowarden
Dorothy Whitney	Stella
Alba	Pond
Prosperity	

Above varieties, $4.00 to $5.00 per 100, $35.00 to $45.00 per 1000.
W. H. Watson, Lapeer, Mich.

ECLIPSE, our introduction for 1905 is a grand pink carnation, lighter in color than Lawson with no cerise or magenta shadings. Price, $12.00 per 100; $100.00 per 1000. Special price on large lots.
LADY BOUNTIFUL and THE BELLE, $6.00 per 100; $50.00 per 1000. We have large stocks of the three varieties and can guarantee early delivery.
Also the 1904 novelties and the best of the standard sorts.
Our stock is grown to produce strong, healthy cuttings in preference to bloom.
F. DORNER & SONS CO., La Fayette, Ind.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	5.00	45	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Norway	5.00	40
F. Hill	4.00	35	Q. Louise	5.00	40
Peru	6.00	50	Harlowarden	4.50	40
W. Cloud	4.50	40	Roosevelt	6.00	50

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

10,000 extra fine field-grown carnations.

	100	1000		100	1000
Harlowarden	$5	$40	Cressbrook	$5	$40
L. Pond	5	40	Indianapolis	10	
Norway	5	40	Avondale	5	
W. Cloud	5	45	Nelson	6	50
F. Hill	5	40	Higinbotham	5	40
Reliance	8	75	Palmer	5	40
Bountiful	12	100	Whitney	6	50
Moonlight	10	75	Prosperity	5	
McKinley	5		H. Fenn	5	40
Fair Maid	6		Tiger	5	40
M. Field	6	50			

Chicago Carnation Co., Joliet, Ill.

Carnations, field-grown, good stocky plants, free from disease. 1000 Marquis, extra fine; 2000 Hill best all-round white; 500 America, good red, larger than Crane; 500 Gomez, good crimson; 200 Morning Glory; 100 Crane, to close out at $4.00 per 100 or $30.00 per 1000. 500 at 1000 rate, or will exchange some for Asparagus plumosus, Boston ferns, Rex begonia, Dracaena indivisa or Marie Louise violets at market rates. D. P. Smith, Flint, Mich.

SURPLUS CARNATIONS.

2000 Q. Louise	350 Wolcott
1000 Lawson	2000 F. Hill
150 W. Cloud	500 Lorna
200 Daybreak	400 Dorothy
100 Apollo	800 Estelle.

$5.00 per 100; $45.00 per 1000. Cash with order. Limestone land, no stem-rot. I give my personal attention to packing. U. S., Wells Fargo and American express.
W. SABRANSKY, Kenton, Ohio.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson	$6.00	$50
Wolcott	6.00	50	Nelson	5.00	45
Her Maj'ty	6.00	50	Floriana	5.00	45
Marian	5.00	45	Prosperity	6.00	45
Q. Louise	5.00	45	Gaiety	6.00	45
W. Cloud	5.00	45	Field	7.00	..
Enchant.	8.00	70	The Queen	8.00	75
Fair Maid	6.00	50	Hill	5.00	..
Alpine Glow.	6.00	50	Melba	4.00	35
Joost	4.00	35	Crocker	4.00	35
Mary Baker.	5.00		Crane	6.00	

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnations. Good strong plants in A No. 1 condition.

	Per 100		Per 100
Joost	$4.00	Wolcott	$5.00
America	4.00	Marquis	5.00
Cressbrook	5.00	Lillian Pond	5.00
Nelson	5.00	White Cloud	4.00
Flora Hill	4.00	Norway	4.00
Roosevelt	5.00	Sunrise	4.00
Daybreak	4.00	Eldorado	4.00
Glacier	5.00		

J. B. HEISS, Dayton, Ohio.

Carnations. Large, bushy field-grown plants.

Per 100:			
Enchantress	$7.00	Glacier	$6.00
The Queen	7.00	Cressbrook	5.00
Bradt	6.00	M. Field	6.00
Queen Louise	5.00	May Naylor	6.00
Her Majesty	6.00	D. Whitney	8.00
Mrs. Patten	14.00	White Lawson	14.00
Pond	5.00	Fair Maid	6.00
Floriana	6.00	B. Market	6.00
Goodenough	6.00	Cervera	5.00

C. L. Howe, Dover, N. H.

Field-grown carnations, reliable stock.

	1000		1000
Harlowarden	$50	G. Angel	$40
Higinbotham	40	Norway	40
Marshall Field	40	Joost	40
G. Lord	40	Melba	40
Palmer	50	Scott	40
Morning Glory	40		

Lady Bountiful, $12.00 per 100.
Less lots 1 cent higher. Cash with order.
Percy Jones, 60 Wabash Ave., Chicago.

10,000 healthy, field-grown carnation plants.

Per 100:			
Wolcott	$6.00	Harry Fenn	$5.00
Estelle	6.00	Lorna	5.00
Alba	6.00	Glacier	5.00
Enchantress	8.00	M. Glory	5.00
Lawson	6.00	America	5.00
Q. Louise	5.00	Joost	5.00
Manley	5.00	Red Wave	5.00
Lord	5.00	Gomez	5.00

Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Carnations, field-grown, strong, healthy, free from disease at following low prices, $5.00 per 100, for varieties listed below:

Glacier	Morning Glory
White Cloud	Guardian Angel
Flora Hill	Marquis
Queen Louise	Crane
Ethel Crocker	Armazindy
Mrs. Joost	Bradt
Prosperity	

G. Van Bochove & Bro., Kalamazoo, Mich.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$30.00	M. Glory	$4.00	$35.00
Jubilee	3.50	30.00	Peru	4.00	35.00
Bradt	3.50		D'yb'k, w.	4.00	35.00
Glacier	4.00	35.00	Lawson	4.50	42.00

250 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

150,000 field-grown carnations.

Q. Louise, white	6c	Maceo, crimson	6c
Enchantress, lt.p'k.	10c	Floriana, pink	5c
Lawson, pink	7c	Crocker, pink	5c
Mrs. Palmer, sc'let	6c	Eldorado, yellow	5c
Chicago, red	6c	Success, lt. pink	5c
J. H. Manley, sc'let	6c	Creole, scarlet	5c
Mrs. Nelson, pink	6c	Mermaid, pink	5c
G. Roosevelt, cr'son	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

Carnations, extra strong, stocky plants.

	100		100
Enchantress	$8.00	Nelson	$5.00
Lawson	8.00	Joost	5.00
Q. Louise	6.00	H. Fenn	5.00
B. Market	6.00	Cervera	5.00
Lord	6.00	Gomez	5.00
Prosperity	5.00	McGowan	4.00

Frank H. Kimberly, New Haven, Conn.

STRONG FIELD-GROWN CARNATIONS.

	Per 100		Per 100
Lawson	$6.00	Maceo	$5.00
Bradt	6.00	Fair Maid	6.00
Joost	5.00	Scott	3.00
Challenger (very free scarlet)			6.00

J. W. HOWARD, Woburn, Mass.

CARNATIONS—Continued.

Healthy field-grown carnations.

	100	1000
Flora Hill, extra fine	$3.00	$27.00
Thos. Cartledge, best prolific red.	3.00	27.00
Norway	3.00	27.00
America	3.00	27.00
Joost	3.00	27.00
Tidal Wave	3.00	27.00

Dinstel Bros., 1056 No. 62d Ave., Chicago.

Carnations from field.

1000 Queen Louise	per	1000,	$40.00
1000 Lawson	"	"	50.00
600 Gov. Wolcott	per	100,	6.00
500 Queen	"	"	6.00
200 Cressbrook	"	"	4.00
500 Marquis	"	"	4.00

Quidnick Greenhouses, Anthony P. O., Quidnick, R. I.

Surplus carnation plants.

425 White Cloud	3c each
500 Marquis	3c "
750 Lawson	3c "
1400 Flora Hill	4c "
800 Crane	3c "
200 Morning Glory	3c "
1500 Queen Louise	3c "

Sunnyside Greenhouses, Owosso, Mich.

Field-grown carnations. 3900 Harlowarden, 500 Estelle, 500 Palmer, 400 Lawson, 150 Nelson, $5.00 per 100; $45.00 per 1000. 700 Enchantress, $6.00 per 100; $55.00 per 1000. 1700 Higinbotham, 200 Marshall Field, 2100 Norway, $4.50 per 100; $40.00 per 1000. 500 Lady Bountiful, $12.00 per 100; $100.00 per 1000. 500 per 1000 rate.
Frank Fischer, Box 82, Blue Island, Ill.

Carnation plants guaranteed No. 1.

	Per 100		Per 100
Enchantress	$8.00	Hill	$5.00
Lawson	6.00	Glacier	5.00
Pond	6.00	Joost	5.00
Queen Louise	5.00	Crane	5.00

Also twenty other varieties. Cash with order. Smith & Gannett, Geneva, N. Y.

Field-grown carnations, healthy and stocky. Per 100:

Prosperity	$4.00	Louise	$5.50
McGowan	5.50	Scott	3.50
Gomez	5.00		

Cash with order.
Can ship the same day order is received.
Jos. H. Black, Son & Co., Hightstown, N. J.

Field-grown carnation plants. Extra strong. Wolcott, Prosperity, Hill, Wood, Palmer, Higinbotham, $6.00 100; $50.00 1000. Strong plants Wolcott, Prosperity, Hill, Wood, Palmer, Higinbotham, W. Cloud, Apollo, Estelle, $5.00 100; $45.00 1000. Joost, extra strong, $4.50 100; $40.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnations. Strong, healthy plants, ready for immediate delivery.

	100		100
1200 Eldorado	$5.00	250 Daybreak	$5.00
1000 Prosperity	6.00	250 Lawson	7.00
1000 Rose Queen.	5.00	400 Crane	6.00

5000 Queen Louise, $6.00 100; $50.00 1000. Cash.
W. B. Du Rie, Rahway, N. J.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5	$45	Nelson	$5	$45
G. Angel	4	35	Higinbotham	5	45
Hill	4	35	W. Cloud	5	45
Q. Louise	5	45	Peru	5	45
Lord	4	35	Joost	4	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

Fine, field-grown carnations, ready to bench:

	100	1000		100	1000
Lawson	$6	$50	Flora Hill	$5	$40
Q. Louise	6	50	Joost	5	40
Norway	6	50	G. Lord	5	40
Mrs. Bradt	6	50	Mac Richm'd	5	40
Pond	5	40			

Isaac H. Moss, Govanstown, Baltimore, Md.

Field-grown carnations, strong, healthy plants.

	100	1000		100	1000
Lawson	$6.00	$50	White Cloud	$5.00	$40
Flora Hill	5.50	45	G. Angel	5.00	40

Cash with order.
Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Carnations, fine, stocky, field-grown plants.

	100		100
2000 Lawson	$6.00	1000 Fair Maid	$6.00
1000 Marquis	5.00	500 Enchant.	10.00
1000 G. Angel	5.00	500 F. Hill	5.00

G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Choice field-grown carnations. Per 100:

Floriana	$6.00	Manley	$5.00
Crocker	7.00	Melba	5.00
J. H. Manley	7.00	Norway	5.00
Perrine	6.00		

10% discount on above prices for cash.
John A. Kepner, Box 3, Harrisburg, Pa.

75,000 field-grown carnations, clean, healthy.

	100	1000		100	1000
Lawson	$6	$50	Hill	$5	$45
Roosevelt	6	50	Peru	5	45
Wolcott	6	50	Triumph	5	45
Prosperity	6	50	Crane	6	50

J. A. Budlong, 37-39 Randolph St., Chicago.

Field-grown carnations. Our Wolcott plants are exceptionally fine.

	100	1000		100	1000
Wolcott	$6	$55	Joost	$4	$40
McKinley	5	45	Estelle	5	45
Glacier	5	45			

A. C. Canfield, Springfield, Ill.

Carnations, good healthy plants, free from disease.

Lawson,	White Cloud,
Roosevelt,	Prosperity,
Crocker,	Floriana,
	Q. Louise,

Write for prices.
W. W. COLES, Kokomo, Ind.

Field-grown carnations. Flora Hill, Queen Louise, Joost, McKinley, 1sts, $8.00 100; 2ds, $6.00 100. Lawson, 1sts, $10.00 100; 2ds, $8.00 100. Firsts, Enchantress, $12.00; Adonis, $14.00; Estelle, $10.00 100. Cash.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Field-grown carnation plants, medium size.

	Per 1000		Per 1000
8,000 Lawson	$35.00	1,000 Norway	$30.00
8,000 Flora Hill	30.00	500 Manley	40.00

If the entire lot is wanted I will make them at $30.00 per 1000. Cash with order.
Peter J. Schumer, Evanston, Ill.

60,000 field-grown carnations, clean, healthy plants.

	100		100
Enchantress	$8	G. Angel	$4 to 5
Lawson	5 to 7	M. Glory	5 to 6
F. Hill	4 to 6	Prosperity	6

Also others. Write for prices on large lots.
W. H. Watson, Lapeer, Mich.

Carnations, strong, healthy stock.

	1000		1000
Harry Fenn	$50.00	Rosalind	$50.00
Lawson	50.00	Servia	40.00
Gov. Wolcott	50.00		

Geo. Milne, 14 Lincoln St., Winchester, Mass.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Lawson	$6.00
Goodenough	5.00	Elma	6.00
Boston Market	6.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Field-grown carnation plants.

	100	1000		100	1000
Q. Louise	$5.00	$45	Norway	$6.00	
Enchantress	8.00	75	Prosperity	6.00	

Cash with order.
W. E. Hall, Clyde, Ohio.

Field-grown carnations, good healthy stock.

150 Norway	100 Joost
100 Hill	75 Albertina
75 Dorothy	50 Crocker

Price, $3.00 per 100.
Wagner Park Conservatories, Sidney, O.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Field-grown carnations, extra strong. Lawson, Boston Market, Prosperity, Floriana, Glacier, Joost, Gomez, Crane, Morning Glory, Eldorado and Nelson, $5.00 per 100, $40.00 per 1000. Cash.
R. Engelmann & Son, Pittsfield, Mass.

Field-grown carnations, extra strong, healthy plants, $6.00 100; $50.00 1000. Q. Louise, Norway, W. Cloud, Lorna, Prosperity, F. Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Chas. W. McKellar, 51 Wabash Ave., Chicago.

INDIANAPOLIS, the best pink carnation introduced. We shall have about 5000 fine field-grown plants to sell this fall at $12.00 per 100, $100.00 per 1000. First come, first served.
Baur & Smith, 330 W. 38th St., Indianapolis.

Carnations, strong, field-grown, free from disease. Enchantress, $8.00 100. Mrs. Lawson, Glacier, Avondale, Gaiety, Norway, Mrs. Joost, White Cloud, F. Hill, Harlowarden, $6.00 100. Nathan Smith & Son, Adrian, Mich.

Carnations, field-grown, stocky. Gov. Wolcott, Cervera, Bradt, $6.00 per 100. Queen Louise, Norway, Joost, Challenger, Maceo, $5.00 per 100. W. G. Kroeber, 355 North St., New Bedford, Mass.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $8.00 per 100; $75.00 per 1000. 1000 Gov. Wolcott, $6.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Field-grown carnations, strong stock. Enchantress, $8.00 100; Queen Louise and Genevieve Lord, $5.00 100. Cash. Satisfaction guaranteed or money refunded.
Hugh Chesney, Farmington, Conn.

Field-grown carnations, Flora Hill, Peru, White Cloud, Queen Louise, $4.50 100. Lawson, $5.00 100. Scharff Bros., Van Wert, O.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Field-grown carnation plants. Enchantress, Lawson, Fair Maid, The Queen, $6.00 per 100; $50.00 per 1000. White Cloud, Murphy's White, Joost, $5.00 per 100; $40.00 per 1000.
H. F. Littlefield, Worcester, Mass.

Carnations, field-grown, strong, healthy stock. Enchantress, $8.00 per 100; Lawson, Boston Market, $6.00 per 100; Fair Maid, $5.00 per 100. Cash with order.
Chas. H. Green, Spencer, Mass.

10,000 field-grown carnations, clean and free from disease. Mrs. Thomas W. Lawson, Gov. Wolcott, Prosperity, Queen Louise, Estelle, Harlowarden, $8.00 100.
THOMAS JONES, Short Hills, N. J.

10,000 field-grown carnations. Flora Hill, Norway and Maceo, which we will sell for cash at $3.50 per 100 or $30.00 per 1000. Will be ready September 1.
Arlin & Arlin, Clyde, Ohio.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, 100 plants, $4.50; 1000 plants, $38.00. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Field-grown carnations, strong and healthy, No. 1 stock, Flora Hill, $4.50 100; Queen Louise, Lawson, Prosperity, $5.00 100; Crocker, $3.00 100. Cash.
Farnam P. Caird, 271 River St., Troy, N. Y.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

Carnations, pot-grown. Strong, healthy, bushy plants, 4½-in. pots, $50.00 per 1000. 250 at 1000 rate. Lawson, Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations, healthy, field-grown plants. F. Hill, Her Majesty, Prosperity, Crane, Estelle, Joost, Sybil, Mrs. Roosevelt, $4.00 and $5.00 per 100. Carl Rauth, Springfield, Ill.

Carnations, field-grown, nice size to plant. Enchantress, $10.00 per 100; B. Market, $6.00; Wolcott, $5.00; Lawson, $5.00 100; $40.000 1000. S. T. Danley, Macomb, Ill.

Strong, stocky carnation plants from the field, ready now. Queen, $7.00 100, $65.00 1000; Fair Maid, Prosperity, $5.00 100. Cash.
John Barr, South Natick, Mass.

Carnations. Fine large, healthy plants. 400 Crocker, 100 Joost, 100 Fair Maid, 100 Daybreak, 3c each. 500 Boston Market, 5c.
Riverside Greenhouses, Gardner, Mass.

Carnations, strong field plants. 12,000 Lawson, $50.00 per 1000; 10,000 White Cloud and 10,000 Flora Hill, $45.00 per 1000.
Weiland & Risch, 59 Wabash Ave., Chicago.

Carnations, field-grown. 1000 Guardian Angel, 1000 Joost, 2000 Lord, 2000 Marquis, good stock, $4.00 per 100; $35.00 per 1000.
B. Hasslebring, Flint, Mich.

Carnation plants, strong from field. Harry Fenn, Fair Maid, Boston Market, $6.00 per 100. Maceo, Manley, $5.00 per 100.
R. D. Kimball, Waban, Mass.

8000 Lawson $4.00 100; $37.50 1000
2500 Norway 4.00 100; 35.00 1000
Stock clean and healthy. Cash.
Kring Bros., Fairbury, Ill.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

First-class field-grown carnation plants, 500 Fair Maid, 200 Enchantress, 300 Stella, 2000 Queen, $5.00 100, cash.
Geo. E. Buxton, Nashua, N. H.

100,000 field carnation plants. 1st size, $7.00. 2nd size, $5.00 per 100. See display adv. for list of varieties.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation plants, W. Lawson, Queen Louise, extra strong plants at $5.00 100, $40.00 1000. 250 at 1000 rate.
W. Hoffmann, Poughkeepsie, N. Y.

Carnations from field. Joost, Marquis, Prosperity, Lawson, Norway, Glacier, $4.00 100; $40.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

5000 Mrs. Joost carnations. Fine, field-grown, good clean plants, $40.00 per 1000.
Harry F. Evans, Rowlandsville, Station F, Philadelphia, Pa.

Field-grown carnations. 500 Genevieve Lord, 500 Gov. Roosevelt, 350 Floriana at $6.00 100; $50.00 1000. Chas. H. Totty, Madison, N. J.

Carnation plants, first-class stock.
1000 Norway .....$4.00 per 100
2000 Mrs. Ine ..... 4.00 per 100
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

Carnation MOONLIGHT.
Fine plants, $10.00 per 100.
JOHN HARTJE, 3129 No. Illinois St.,
INDIANAPOLIS, IND.

Healthy, field-grown carnations, Joost, Flora Hill and Queen Louise, to close, $5.00 per 100. Cash, please. H. M. Totman, Randolph, Vt.

Carnations. 350 Ethel Crocker, 125 Scott, $5.00 per 100. Fine plants; satisfaction guaranteed. S. M. Harbison, Danville, Ky.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

10,000 fine, large, healthy carnation plants. It is surplus stock and will sell cheap.
A. Coombs, West Hartford, Conn.

Surplus stock. 4000 Crocker No. 1 field-grown plants, $4.00 100; $35.00 1000.
J. W. Dudley & Son, Parkersburg, W. Va.

Carnation THE QUEEN, the best paying white, $6.00 per 100; $50.00 per 1000.
Larchmont Nurseries, Larchmont, N. Y.

Carnations, Joost, Armazindy, very strong, $5.00 100; $45.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Carnations. 1000 Fair Maids and 500 Gov. Wolcott, $5.00 per 100.
A. Batley & Son, Maynard, Mass.

1000 carnations, assorted best kinds for $40.00. Last chance.
C. P. Nichols, Northfield, Minn.

10,000 field-grown carnations. Strong plants free from all disease.
Lebanon Greenhouses, Lebanon, Pa.

Field-grown carnations. Write for varieties and prices to
Crabb & Hunter, Grand Rapids. Mich.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations, field-grown. White Lawson, $15.00 per 100. Frank Danley, Macomb, Ill.

CHRYSANTHEMUMS.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100.
WIETOR BROS., 51 Wabash Ave., Chicago.

Duckham, $10.00 100. Rieman, Chadwick, Plumridge, Salter, Willowbrook, Parr, Intensity, Kalb, Jones, Yellow Jones, Chautauqua Gold, Goldmine, Pockett, $18.00 1000; $2.00 100. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS suitable to bench for late flowers. Varieties and prices on application. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son., White Marsh, Md.

Jerome Jones chrysanthemums, fine plants, 2-in., $3.00 100; $25.00 1000.
Isaac H. Moss, Govanstown, Balto., Md.

Chrysanthemums, choice stock, 4 and 5-in. pots, $4.00 to $6.00 per 100.
J. A. Kepner, Box 3, Harrisburg, Pa.

CINERARIAS.

Cinerarias in 2 and 3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

Cinerarias, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Send in your order now for a copy of the Florists' Manual.

COLEUS.

Coleus G. Bedder, Verschaffeltii and 10 other var., 2-in., $2.00 100. Cash.
Converse Greenhouses, Webster, Mass.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000.
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CYCAS.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
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Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
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Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
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Cycas revoluta, all sizes in grand condition.
Storrs & Harrison Co., Painesville, O.

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Cyclamen persicum splendens giganteum. Finest strain in the world, in four true colors, extra well-grown stock from 3-inch pots, $7.00 per 100; $65.00 per 1000. Satisfaction guaranteed.
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Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors.
C. Winterich, Defiance, Ohio.

Cyclamen, best strain mixed, 2½-in., $7.00 100; 3-in., $10.00 100. Cash.
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Cyclamen giganteum, fine strain, 4-in. pots, $10.00 per 100. Thaddeus N. Yates & Co., 7356 Germantown Ave., Philadelphia, Pa.

Cyclamen giganteum, large flowering, 4-in., $10.00 100; 5-in., $15.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong, 4-in. pots, $10.00 100.
G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen gig., mixed, strong 2½-in., $4.00 100. John F. Rupp, Shiremanstown, Pa.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

DAHLIAS.

Dahlias. Half a million pot-roots ready for dispatch from November 1. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogue free. The Horticultural Company, Champion Dahlia Specialists, Cheadle-Hume, Cheshire, England.

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Dracaena indivisa, strong, 6-in. pots, $3.00 doz.; 5-in. pots, $2.50 doz. D. indivisa latifolia, 5-in. pots, $3.00 doz.
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Dracaena indivisa, extra strong plants, 5-inch, $3.00 doz.; 6-inch, $4.00 doz.; 7-inch, $6.00 doz.
Siebrecht & Son, New Rochelle, N. Y.

Dracaena indivisa, 3-in., extra strong, ready for 4 or 5-in., $5.00 per 100. Cash.
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BOSTON FERNS.	Each
7-inch, strong plants	$1.00
7-inch, extra strong plants	1.25
8-inch, strong plants	1.50
9-inch, strong plants	2.00
10-inch, strong plants	2.50
12-inch, strong plants	3.00
14-inch, strong plants	4.00

Siebrecht & Son, New Rochelle, N. Y.

10,000 Boston ferns from bench, $15.00 and $20.00 100. Clumps of 3 and 4 planted together, extra bushy, $25.00 and $30.00 100. Piersoni, fine stock, $20.00 and $25.00 100. Anna Foster, true selected, $15.00 and $20.00 100. Ferns for dishes, extra fine 3-in., $5.00 100. Bostons in pots, from 2½-in. to 12-in., 4c to $4.00 each.
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FERNS OUR SPECIALTY.
Assorted ferns for jardinieres, good varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.
Fresh fern spores gathered from our own stock and guaranteed good, 35c per trade packet; 12 packets for $4.00.
Mention FLORISTS' REVIEW when writing.
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SCOTTII, very heavy, 4-in. pot plants, ready for 6-in., $12.00 doz.; $75.00 100. 25 at 100 rate. Strong transplanted runners from bench or 2¼-in., $4.00 doz.; $25.00 100; $200.00 1000. Strong 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea.
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PIERSON FERNS.	
Strong rooted runners	$3.00 per 100
Strong 2½-in pots	5.00 per 100
Strong 3-inch pots	8.00 per 100
ANNA FOSTER FERNS.	
Strong rooted runners	3.00 per 100

Baur Floral Co., Erie, Pa.

FERNS. 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
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CENTER MARKET,
WASHINGTON, D. C.

Ferns for fern dishes, divide into 5 to 8, in all leading sorts, 2¼-in. pots, $3.25 100; 3-in., $6.00 100. Ferns from flats in finest assortment, $1.50 100; $12.00 1000. Fern spores in all leading sorts, sep. or mixed, pkt., 25c.
H. H. Berger & Co., 47 Barclay St., N. Y.

Boston ferns, 6-in., 2 ft. high, 18 to 20 fronds, 40c each; 5½-in., 25c to 30c. Piersoni ferns, pot-grown, 4 to 6 fronds, $8.00 100; 4-in., 25c. Ferns for fern dishes, mixed, 2½-in., 4c.
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Pteris tremula and P. argyreae, $2.50 100. Small ferns for dishes, full list of best dwarf varieties, $3.00 100; $25.00 1000. Boston ferns from bench, 4-in., 15c; 5-in., 25c; 6-in., 35c.
Storrs & Harrison Co., Painesville, O.

Japanese fern balls in splendid condition, $9.00 doz. Boston ferns, fine, 50c, 75c, $1.00, $1.50, $2.00 each. Ferns for dishes, $4.00 100; smaller plants, $3.00 100. Cash, please.
A. Schultheis, Box 78, College Point, N. Y.

Piersoni ferns, strong rooted runners, $2.00 100; 2½-in., $4.00; 3-in., $6.00; 4-in., $5.00; 5-in., $25.00; 6-in., $35.00; 7-in., $50.00.
Bostons in all sizes of finest quality. Write for prices. Davis Bros., Geneva, Ill.

Pierson ferns, 2½-in., 5c; 3-in., 12c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Bostons, 2½-in., 3½c; 3-in., 8c; 6-in., 50c. All grand stock ready for repotting. Cash, please.
A. J. Baldwin, Newark, Ohio.

Boston ferns, 5 to 6-in., lifted from bed, $22.50 100; 3-in., pot-grown, $8.00 100; $75.00 1000; 2½-in., $4.00 100; $40.00 1000. Cash or satisfactory references.
D. U. Augspurger & Sons, Peoria, Ill.

Piersoni ferns from bench, $4.00 per 100; 2¼-in., $5.00 per 100; 5 and 6-inch, extra fine, ready to shift, $50.00 to $75.00 per 100. 25 at 100 rate.
Chas. F. Seltzer, 20-30 Oswego St., Utica, N. Y.

Boston ferns, 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100.
Piersoni ferns, 3-in., $10.00; 4-in., $20.00 per 100. Fine stock.
S. M. Harbison, Danville, Ky.

Boston ferns from 2½-in., $3.00 per 100; from beds, strong, $2.00 per 100. Piersoni ferns, strong, from beds, 2 to 4 leaves, $4.00 per 100. A. L. Hatch, Rockledge, Fla.

Piersoni ferns from bench, 5-in., 25c; 6 and 7-in., 30c; runners, 2c; extra strong, 4c. Boston ferns from bench for 5-in., 10c; runners, 1c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis exaltata Bostoniensis, nice young plants, $15.00 per 1000. All orders accompanied with cash filled first. Send P. O. order on Little River. Soar Bros., Little River, Fla.

Boston ferns, cut from bench, $5.00 100, $40.00 1000, Anna Foster ferns, cut from bench, $5.00 100, $40.00 1000. Larger plants, 25c to 50c each. L. H. Foster, Dorchester, Mass.

Boston ferns from bench, ready for 6 and 8-in., 25c each. Anna Foster ferns ready for 8-in., 50c each. I have a large stock.
A. B. Campbell, Cochranville, Pa.

Piersoni ferns, 5-in., $6.00 doz.; 6-in., $9.00 doz.; 7-in., $12.00 doz.; extra fine specimens in 18-in. hanging baskets, $7.50 each.
J. A. Peterson, Westwood, Cincinnati, O.

Boston and Anna Foster ferns. Extra fine plants from bench, ready for 4 and 5-inch pots, $15.00 per 100. Cash with order.
Port Allegany Greenhouses, Port Allegany, Pa.

Fine Bostons from bench, ready for 5 and 6-inch pots, $15.00 per 100; only 300 remaining. Cash with order, please.
J. A. Swartley & Sons, Sterling, Ill.

Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up.
John Bader, Troy Hill, Allegheny, Pa.

Special lot of 3, 4 and 5-in. Bostons and Piersoni, Asparagus plumosus and Sprengeri, 2½, 3, 4 and 5-in. Write
Geo. A. Kuhl, Pekin, Ill.

Piersoni ferns, 2½-in., $10.00 100. Bostons, 2½-in., $6.00, 3-in $10.00, 4-in. $15.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, choice, 2½-in., $4.00 100; 3-in., $8.00; 4-in., extra strong, good as 5-in., $15.00 100. W. H. Gullett & Sons, Lincoln, Ill.

50 Boston ferns, 5-inch pots, 25c each; 40, 6-inch pots, 35c each; 20, 8-inch pots, 75c each. Harry T. Miller, Salem, Ohio.

Best quality Boston and Piersoni ferns in 3, 4, 5 and 6-in. Specimens in 7, 8 and 10-in. Write Geo. A. Kuhl, Pekin, Ill.

Boston ferns from bench, $10.00, $12.00 and $15.00 per 100. Extra strong stock. Cash.
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PIERSONI FERNS. Fine plants from bed, for 3 to 4-in. pots, $4.00 per 100, Cash.
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Piersoni and other ferns. Grand stock.
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Boston ferns. We have a fine lot, 2½-in. to 8-in. Write for special prices.
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40,000 ferns for jardinieres in 2 and 2½-inch pots, ready September 1. Cash.
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Boston ferns, nice plants, 2½-in., $4.00 100; 3-in., $7.00; 4-in., $15.00.
S. T. Danley, Macomb, Ill.

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Boston ferns, nice young plants out of 2½-in. pots, $2.75 100. Cash.
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Bostons, 10-in. pans, $1.50 each; 12-in. pans, $2.00 each.
J. Welsh Young, Germantown, Pa.

Boston ferns, strong 2½-inch pots. $3.00 per 100. C. M. Niuffer, Springfield, Ohio.

Boston ferns for 5 and 6-in. pots, 15c and 20c. Benj. Connell, West Grove, Pa.

Boston ferns, 6-in., 40c each.
National Plant Co., Dayton, Ohio.

FORGET-ME-NOTS.

Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
Eden Nurseries, Port Allegany, Pa.

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Genistas, 3-in., $4.00 100.
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Send in your order now for a copy of the Florists' Manual.

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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, Mme. Canovers, Jean Viaud, Granville (single), etc., 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, strong 2½-in. Viaud, Mrs. E. G. Hill, Poitevine, Nutt, Bruanti, $1.50 100; $15.00 1000. Buckley Plant Co., Springfield, Ill.

Geraniums, all colors, single and double, 3 to 4-in. pots, $4.00 per 100, less 15% for cash.
J. A. Kepner, Box 3, Harrisburg, Pa.

We offer 500 geraniums, elegant young stock, in 20 best sorts for $10.00.
The E. G. Hill Co., Richmond, Ind.

Bismarck, fancy bronze, 3-in., $3.00 100. Cash. Roney Bros., West Grove, Pa.

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Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli. More than a million bulbs, in 100 named varieties, as well as choice mixed at lowest prices. Inspection of stock invited.
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Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

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Hardy plants. Pyrethrum roseum clumps, $3.00 100. Lemon lily, $2.00. Gaillardia grandiflora, $4.00. Stokesia cyanea, $4.00. Shasta daisy, $2.00. Narcissi, mixed, mostly single white, 50c 100, $3.00 1000. Spotted callas, $2.00 100. Myrtle vinca minor, established plants, $2.00 100; $15.00 1000; strong rooted cuttings, $1.00 100; $8.00 1000. Hollyhocks, separate colors, $2.00 100. Pinks, $3.00 100. Sweet williams, dbl. and single, $2.00 100. Funkia variegata, $4.00 100. Tritoma Pfitzeri, $5.00 100. German iris candida, $3.00 100. These are a few sample prices. I have other stock at lowest price to the trade only. Send for list. S. J. Galloway, Eaton, Ohio.

BERBERIS THUNBERGII, 20,000 extra strong, bushy stock, from 12 to 15 inches, at $6.00 per 100; 100,000 seedlings, extra fine field-grown stock, $7.00 per 1000. Prices on application on larger quantities. Terms net cash.
LIGUSTRUM IBOTA, 30,000, choice stock, from 10 to 18 inches, $12.00 per 1000.
The Continental Nurseries, Franklin, Mass.

Complete Stock, Fruit and Ornamental Trees, Shrubs, Vines, etc. Send list for prices.
FRANKLIN DAVIS NURSERY COMPANY, BALTIMORE, MD.

Privet, silver maples, Carolina poplars, Lombard poplars, Catalpa speciosa, and vines, all in surplus. Also large assortment of other shrubs and trees.
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Specimen trees in car load or less quantities; also the new shellbark HORNOR'S SPECIAL.
Chas. B. Hornor & Son, Mt. Holly, N. J.

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PLANTS FOR PARK PURPOSES.

[The following is a paper by J. T. D. Fulmer, of Des Moines, reprinted from the bulletin of the Iowa Park and Forestry Association.]

By greenhouse plants we mean all tender plants usually found in stock in a commercial greenhouse. There are two ways in which such plants are used in parks; first, in a flowergarden; next in small beds scattered throughout the parks.

We think, however, that the former way is to be preferred, as it is most effective, and if so arranged will prove attractive. This can only be done by arranging colors so as to harmonize and blend together.

There are many kinds of greenhouse plants, and one has a great variety to select from in forming a garden suitable for a park, notwithstanding a greater variety is required for such a garden than is required on a private estate. There is always an abundance however, if one will study to group them aright.

The cannas are fine and stately and when planted in beds of but one color to a bed they make a good showing, especially if surrounded by Pennisetum Rupelianum. Black Beauty canna is the finest of the dark-foliaged varieties and when bordered with Golden Bedder coleus is exceedingly attractive. This variety of canna should not be allowed to bloom.

The caladium is very stately and if bordered with Coleus Verschaffeltii is very handsome. Geraniums are always welcome in any garden, if they are not planted so as to put pink and red shades together. If pink and red must be used in the same bed put something between them. Madame Salleroi is a good border for the zonal geranium, as is also Stevia variegata, santolina, alternanthera and Archryanthes Emersonii.

Salvia, if grown from cuttings, is a grand plant, and can be used as a border for Florence Vaughan canna or as a separate bed bordered with Abutilon Savitzii.

Then there are the tender roses in variety, the heliotrope, acalyphas, begonias, dahlias, ageratum, petunias, coleus and a host of others suitable for such work.

The Musa ensete makes a fine centerpiece and should be backed up with cannas or caladiums.

Then in this garden of ours there should be carpet bedding also, and for this we have the Stevia variegata, santolina, Abutilon Savitzii, Acalypha tricolor and A. Macafeeana, alternanthera, echeveria and some of the small sedums.

I cannot say that I disapprove the use of flags, clocks, calendars and the like, for we see the same idea carried out in many places. Flowers are used in the decoration of carpets and lace curtains and if permissible there, certainly in parks also, worked out with live plants, especially if well done.

The general grouping of all the beds should be so arranged as to allow plenty of room for spectators to move among them conveniently.

Then also must be included sub-tropical bedding; and here is an opportunity for arranging a portion of the greenhouse plants which will always prove attractive. The use of Abyssinian banana, large specimen palms, agaves, dracænas, pandanuses, crotons and some of the many beautiful grasses are allowable.

And just here let me say that all plants should be plainly labeled so that visitors can easily understand what they are, and my observations lead me to say that a garden thus arranged will draw the greater part of the visitors to our city parks. For there is no doubt but that a place can be made more attractive by the use of flowers than in any other way.

FROM OUR ENGLISH EXCHANGES.

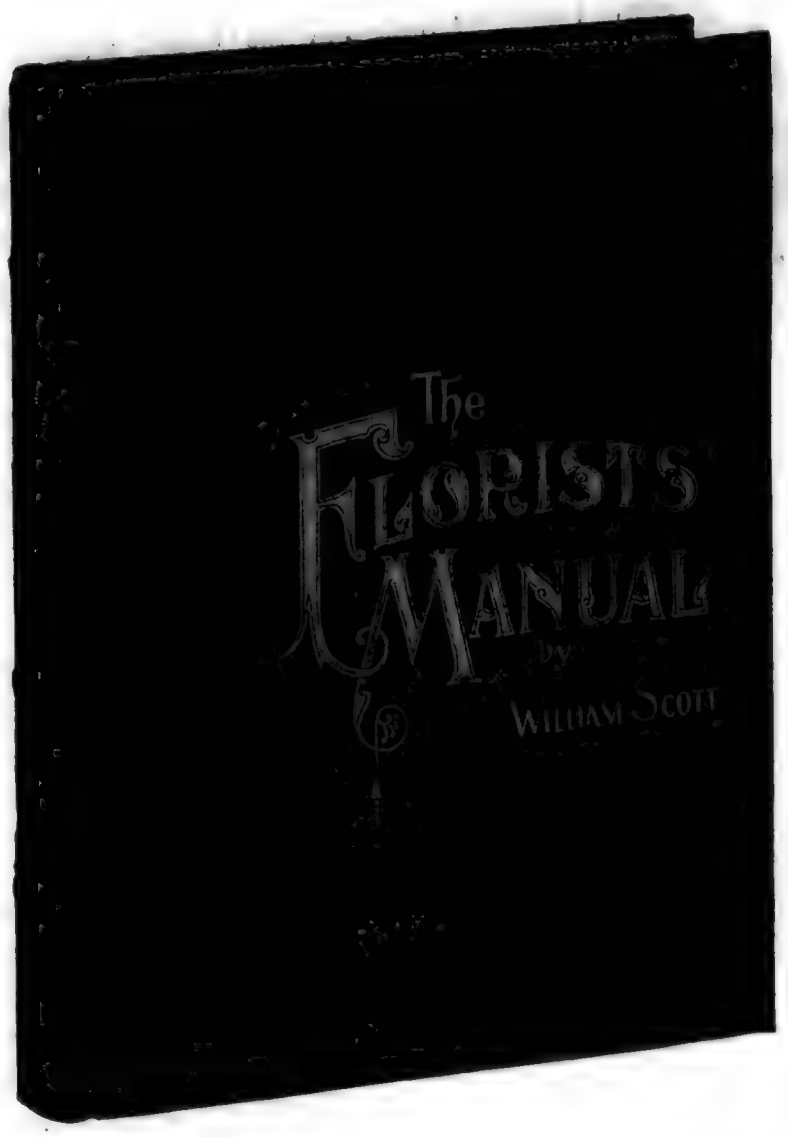
The Gardeners' Chronicle.

THE GENERAL opinion is that sawdust is worse than useless, but it becomes valuable if burnt. It is suggested to burn it mixed with vegetable rubbish, then to sift the ashes and mix them with sifted earth. This has been proved by experience to be a very valuable top-dressing.

SO LONG as the clear stem below the tulip flower will snap sharply on being bent, the time for lifting the bulb has not come, but when the stems will bend double without snapping off, the bulbs may be taken up. The florist takes the greatest care of his bulbs when lifted; they are placed in drawers having receptacles answering to the position of the bulb in the bed. As a rule the tulip cabinet is so constructed that air can circulate among the drawers, ensuring cool and dry conditions for the bulbs.

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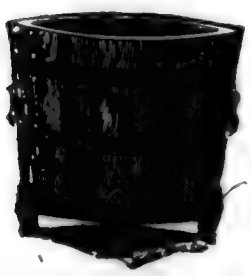
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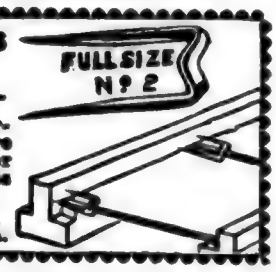
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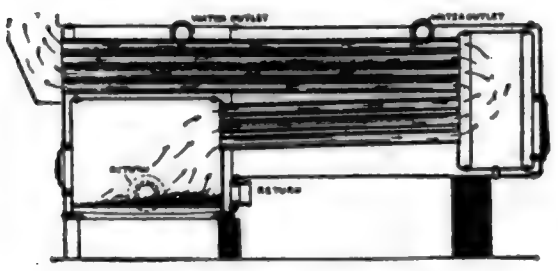
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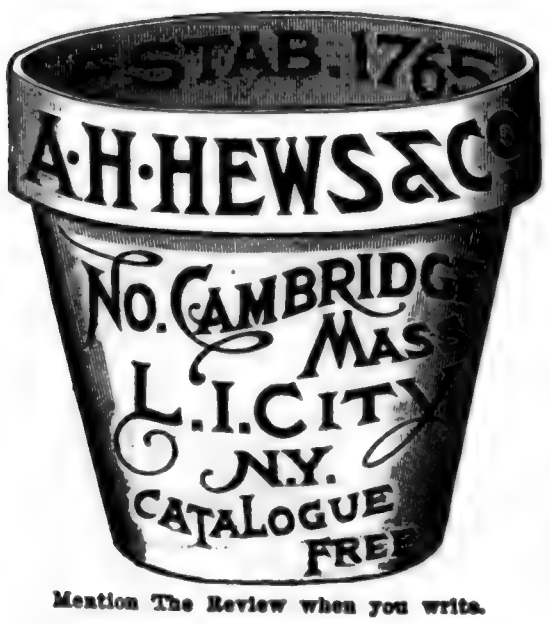
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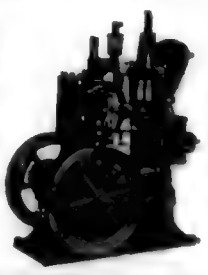
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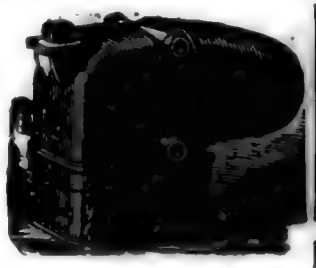
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Greenhouse Material,



Washington Red Cedar, Louisiana Cypress.

If you intend to build ask for our NEW CATALOGUE -- it will interest you.

A. DIETSCH CO., 615 -- 621 Sheffield Avenue, **Chicago, Ill.**

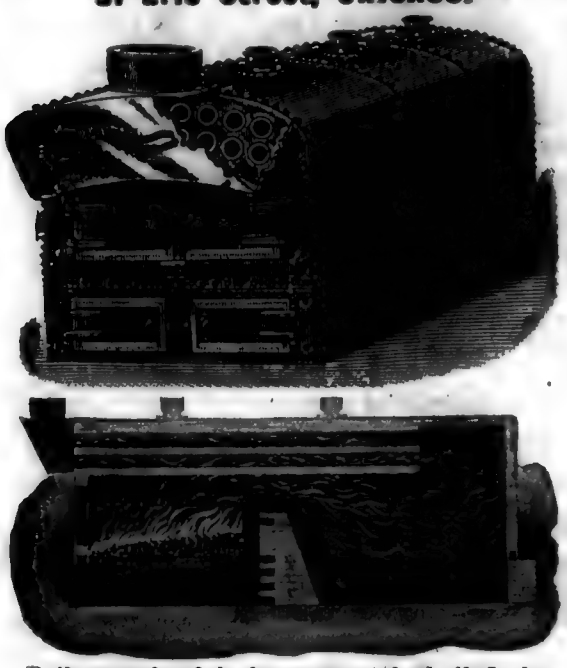
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IMPROVED

Greenhouse Boiler,

51 Erie Street, CHICAGO.



Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around, front, sides and back. Write for information.

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50 per cent. SAVED in your Fuel Bill by Using "ECLIPSE" or "INVINCIBLE"

Steel HEATING BOILERS.



Internally fired, easily accessible. No brick work to absorb heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the **best flange steel.** No boilers on the market so readily and easily cleaned. Let us hear from you today. All sizes in stock.

Send for catalog.

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Established 1863. WEST DePERE, WIS
Minneapolis Office, 321 N. Y. Life Bldg.

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WHEN YOU BUY **CARNATION SUPPORTS,** BE SURE YOU BUY **"THE MODEL"**



Used by successful growers everywhere.
"THE MODEL" GLAZING TACK.
Especially adapted for greenhouses.

The Parker-Bruen Mfg. Co., Inc.

Florists' Specialties. | 206-8 JERSEY STREET, HARRISON, N. J. Write for booklet "F."

JOHN A. SCOLLAY,

Greenhouse Heating, Ventilating Apparatus. Hot Water and Steam Boilers.

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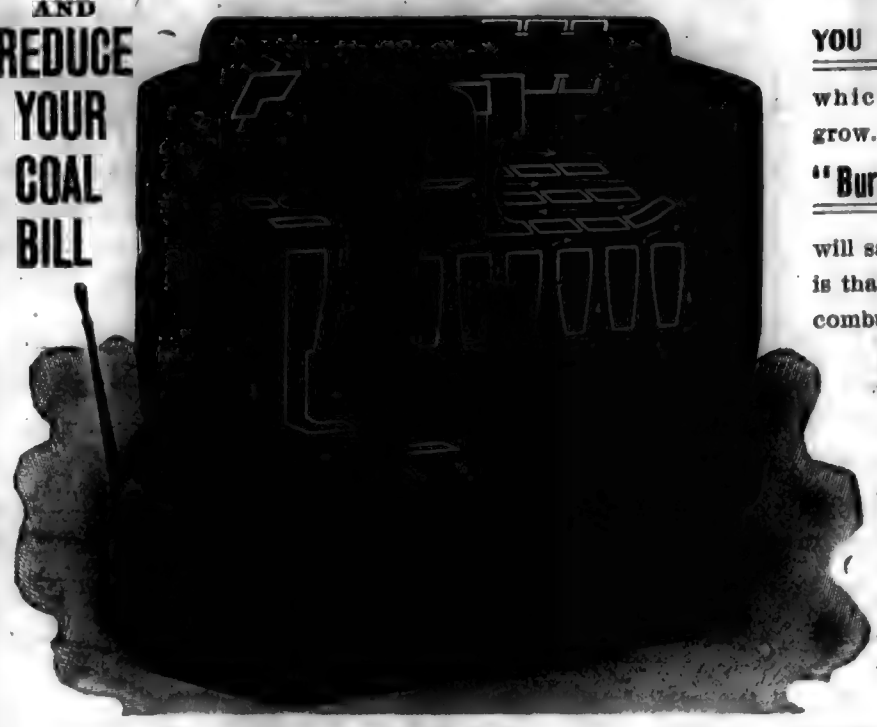
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Florists' Review

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USE "BURNHAM" BOILERS

AND REDUCE YOUR COAL BILL



YOU WANT PROFITS

which continue to grow. The reasons why

"Burnham" Boilers

will save coal for you is that there is a large combustion chamber, also a large active fire surface for each square foot of grate. They heat easily, quickly, efficiently. It takes but a short time to set up one of these boilers.

Write to-day to our New York Office for our catalogue of Greenhouse Construction and Heating & Ventilating Catalogue, sending ten cents for postage, 5 cents each.

LORD & BURNHAM COMPANY,

New York Office: 1st. James Bldg., 1113 Broadway.
General Office and Wks. Irvington-on-Hudson, N. Y.

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WE MANUFACTURE EVERY TYPE OF GREENHOUSE FOR COMMERCIAL AND PRIVATE PURPOSES.

Galvanized Steel Patent "U" Bar Greenhouses.
Flat Rafter Iron-Framed and Red Gulf Cypress Greenhouses.
Ventilating Apparatus, Hotbed Sash and Frames, Benches, Putty.
PIERSON BOILERS FOR WATER AND STEAM.
Pipe Fittings, Valves and everything for Greenhouse Heating.

The Pierson-Sefton Company, West Side Ave. South, **Jersey City, N. J.**

Structures erected complete or material furnished with plans ready for erection.

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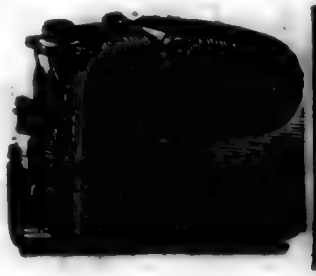
Garland's Gutters



Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.

GEO. M. GARLAND, DES PLAINES, ILL.

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233 MERCER ST. NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. GREENHOUSE BUILDING

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, SEPTEMBER 8, 1904. No. 354.

We offer the finest quality **LILIUM HARRISII** for immediate shipment.

No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

			Per 100	Per 1000
Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
Bulbs 7 to 9 "	" 200	"	8.00	75.00
Bulbs 9 to 11 "	" 100	"	16.00	150.00

For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

WE ARE HEADQUARTERS FOR THE

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NO ORDER TOO LARGE for US to FILL

WM. F. KASTING,

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383-387 Ellicott St., BUFFALO, N. Y.

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WHOLESALE COMMISSION FLORISTS.

40, 42, 44 East Randolph Street, CHICAGO

10,000 Extra Fine.. HARLOWARDEN THE BEST and FINEST CRIMSON

$5.00 per 100; $40.00 per 1000. OTHER FIELD-GROWN CARNATIONS

White:	Per 100	Per 1000
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Fair Maid	6.00	.....
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Nelson	6.00	50.00
Higinbotham	5.00	40.00

Other colors:	Per 100	Per 1000
Palmer, scarlet	$5.00	$40.00
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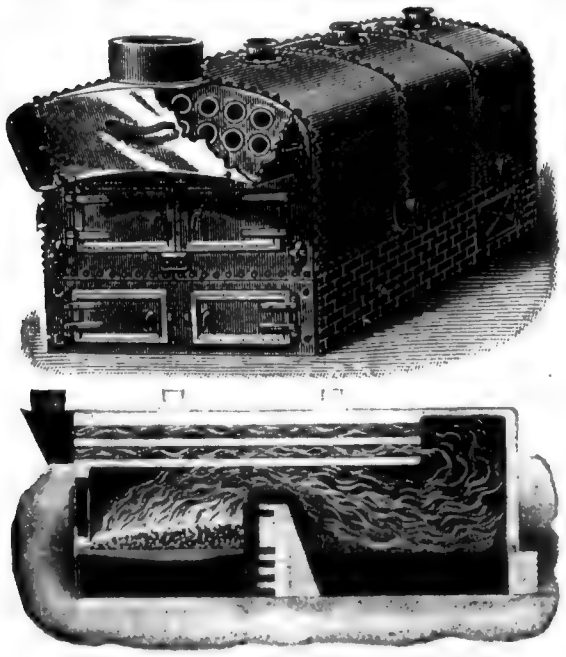
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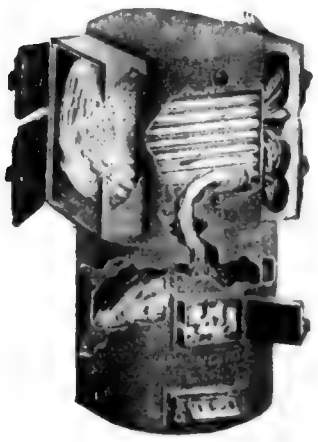
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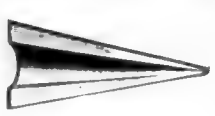
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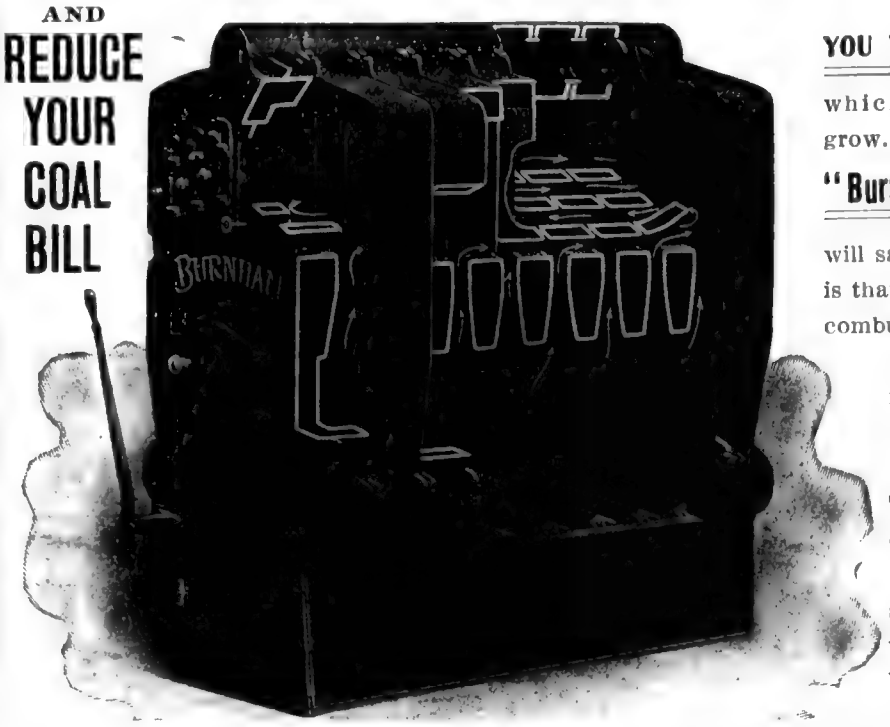
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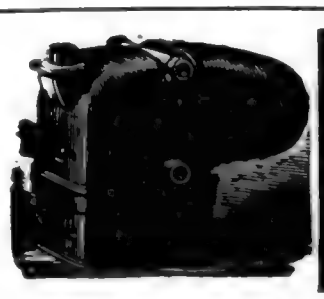


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A Point to Remember


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WHEN ORDERING

Palms, Ferns, etc.

IS QUALITY.

WE STAND FOR QUALITY,

Assuring you that our stock has never been as large nor in such excellent condition.

Another Point is Freight Rates

and time in transit, our favorable location gives you cheap rates and quick delivery.

Order Now! **before cold weather compels shipping by express.**

WHOLESALE PRICE LIST.

LET US HAVE YOUR ORDER NOW FOR IMMEDIATE OR FUTURE SHIPMENT.

Variety	Size inches	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Kentia Belmoreana	4	15-17	5-6	....	$4 00	$30 00
" "	5	18-20	5-6	....	7 50	60 00
" "	6	22-24	6	$1 00	....	.....
" "	6	22-24	6-7	1 50	....	.....
" "	7	32-36	6	2 00	....	.....
" "	8	34-36	6	3 00	....	.....
" "	9	34-40	6	5 00	....	.....
" "	10	40-46	6-7	7 00	....	.....
Kentia Forsteriana	4	20-22	4-5	....	4 00	30 00
" "	5	24-27	4-5	....	7 50	60 00
" "	6	26-30	5	1 00	....	.....
" " made up.	7	30-36		1 50	....	.....
" " "	7	34-38		2 50	....	.....
" " "	8	42-48		3 00	....	.....
" "	7	34-38	5	2 00	....	.....
" "	8	36-40	5	4 00	....	.....
" "	10	56-64	6-7	8 00	....	.....
Areca Lutescens	4	14-16		....	3 00	.....
" "	5	20-26		....	5 00	.....
" "	6	26-30		....	9 00	.....
" "	7	32-36		1 00	....	.....
" "	8	34-38		2 50	....	.....
Latania Borbonica	5	14-16	4-6	....	5 00	35 00
" "	6	16-18	5-6	....	7 00	45 00
" "	7	18-20	7-8	....	12 00	75 00
Phoenix Canariensis	12	46-52		5 00	....	.....
Ficus Elastica	4	10-12		....	3 00	.....
" "	5	14-18		....	4 00	.....
" " branched	5			....	6 00	.....
" " "	7			1 00	....	.....
Araucaria Excelsa	4	tiers	2-3	....	6 00	.....
" "	5	"	3-4	1 00	....	.....
" "	6	"	4-5	1 25	....	.....
" "	6	"	5	1 50	....	.....
" " compacta.	6	"	3	1 50	....	.....

Variety	Size inches	Height inches	No. leaves	Price Each	Price Doz.	Price 100
Cocos Weddeliana	3			....	$2 50	.....
" "	5			$1 00	....	.....
Pandanus Vietchii	5			1 00	....	.....
" "	6			....	15 00	.....
" "	8			2 00	24 00	.....
" Utilis	5			....	5 00	.....
Nephrolepis Bostoniensis	4			....	2 00	.....
" "	5			....	3 00	.....
" "	6			....	6 00	.....
" "	7			....	9 00	.....
" "	8			1 00	....	.....
" "	10			1 50	....	.....
" Piersoni	7			....	9 00	.....
Dracaena Indivisa	4			....	....	10 00
" Fragrans	4			....	3 00	.....
" "	5			....	6 00	.....
" "	6			....	9 00	.....
" "	7			....	12 00	.....
" Massangeana	5			....	12 00	.....
Asparagus Plumosus	2			....	....	3 00
" "	3			....	1 00	7 00
" "	4			....	1 50	.....
" "	5			....	2 50	.....
" "	6			....	4 00	.....
" Sprengeri	2			....	....	3 00
" "	3			....	75	6 00
" "	4			....	1 50	10 00
" "	5			....	2 50	20 00
" Decumbens	2			....	....	4 00
" "	3			....	....	8 00
" Scandens Def.	2			....	....	4 00
" "	3			....	....	8 00
Ferns for Dishes	2			....	....	3 00
" "	3			....	....	8 00
Fern Balls				....	4 20	.....
Cycas Revoluta				25c to $4.00 each		

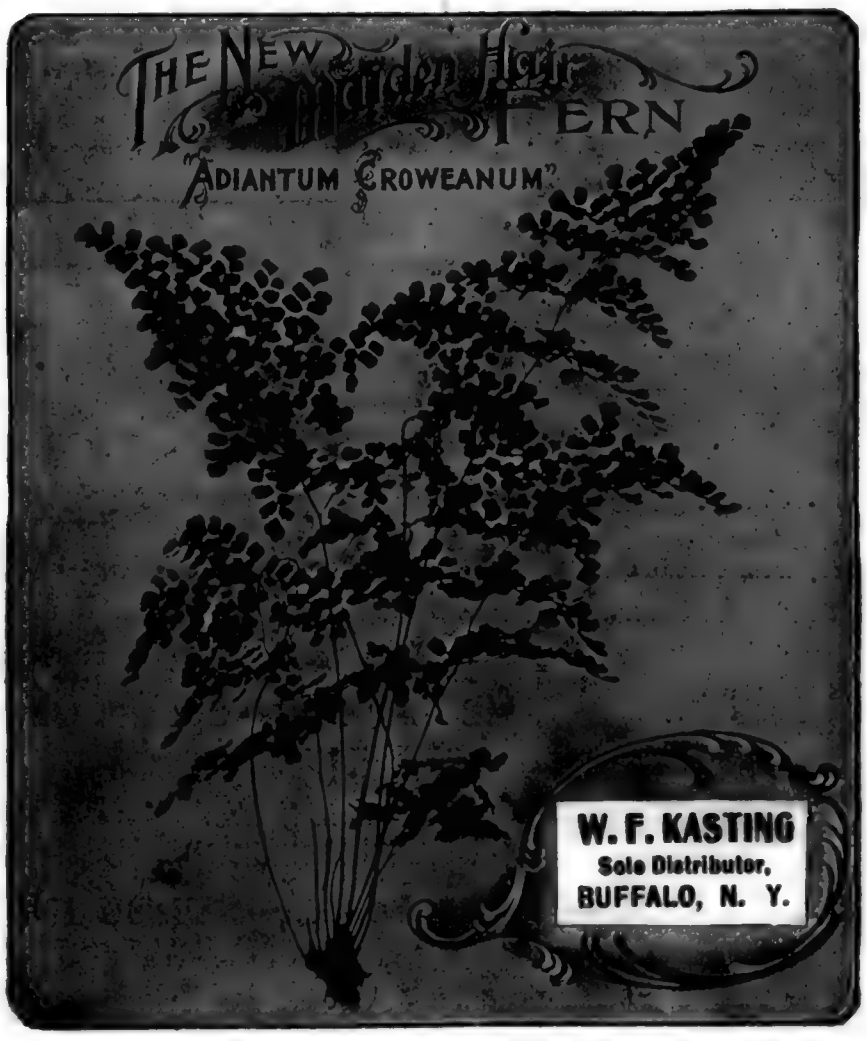
The GEO. WITTBOLD CO.

1657 Buckingham Place. CHICAGO.

ADIANTUM CROWEANUM

The New Maidenhair Fern.

AFTER A THOROUGH and careful examination by all the experts and critics in the trade at the St. Louis Convention, and stood the test so well, the progressive, keen and up-to-date florist should this year buy this standard introduction that is freely conceded to be the best keeping, lasting and money-making, both for cut fronds and plants of all Adiantums ever introduced to the trade. : : :



A Great Acquisition.

The best of all ferns for cut fronds. Brings the highest prices. The easiest to grow and the easiest to sell. Has received the highest encomiums from the leading cut flower dealers in the country.

ADIANTUM CROWEANUM originated at Utica, N.Y., about fourteen years ago, and has been extensively grown by the original owner, Mr. Crowe, who has received phenomenal prices for the cut fronds in the New York and other markets, and has created a great demand for it. **Buy now.** Buy liberally and reap the benefits.

The fronds are **long**, elegantly proportioned and of a texture that renders it the best keeper and shipper of all Adiantums. It is a very free and continuous grower, requires no rest and responds readily to fertilizers. Anyone can grow it and get good money for it.

HOW IT PLEASES AFTER TRAVELING ACROSS THE CONTINENT.

GRACE HILL NURSERY (J. W. Wolfskill, Prop.)
Wholesale Florist, Los Angeles, Cal.,
(Geo. Watson, Mgr.) July 7, 1904.
W. F. KASTING, Buffalo, N. Y.

Allow me to congratulate you on Adiantum Croweanum, which arrived here in fine condition. I thank you for sending such fine stock and trust I shall have success in growing it.

Respectfully, GRACE HILL NURSERY.

BOTANIC GARDEN, HARVARD UNIVERSITY.
Cambridge, Mass., August 5, 1905.

Dear Mr. Stewart:—After growing Adiantum Croweanum and Adiantum Hybridum for one year I find that they are quite distinct. Adiantum Croweanum has longer fronds, grows more upright and has smaller pinnules than Hybridum. Adiantum Hybridum does not grow quite as tall as Croweanum, the fronds are not quite as straight or upright as Croweanum and are of darker shade of green. The pinnules are much larger than in Croweanum. Dr. Benjamin Robinson of the Gray Herbarium examined the plants this day and said they were quite distinct.

Yours respectfully,
ROBERT CAMERON.

Many strong endorsements given in our Circular of Testimonials, free on request.

Still about 15,000 fine, strong, vigorous 3-inch pot plants to offer. Send in your orders now, and have them filled at once at the following low prices for something entirely new.

$5.00 per doz.; **$35.00** per 100; **$250.00** per 1000. 25 at 100 rate; 250 at 1000 rate.

Also Stock Plants from bench, in size requiring 8 to 10-inch pots, **$9.00** per doz.; **$67.50** per 100; **$600.00** per 1000.

A booklet on growing this Fern, by the originator, Mr. Crowe, free with every shipment.

WM. F. KASTING,

SOLE DISTRIBUTOR,

383-87 Ellicott Street, BUFFALO, N. Y.

WE ARE IT.

All the NEWEST and BEST MONEY MAKING NOVELTIES,
Florists' Supplies and Ribbons
can always be found at the LEADING SUPPLY HOUSE,
which, as all the wide-awake Florists know, is

M. RICE & CO.

RIBBON SPECIALISTS. Importers and Manufacturers of **FLORISTS' SUPPLIES.**

918 FILBERT STREET, Katalog for the asking. **PHILADELPHIA, PA.**

Mention The Review when you write.

CYCAS REVOLUTA

The True Long Leaf Variety.
JUST ARRIVED.

Per 1000 lbs.....$60.00
Per 100 lbs..... 7.50
Stems running from ½ lb. to 6 lbs.

Prices on all
Summer and Fall Bulbs, Plants and Roots
cheerfully given by

F. W. O. SCHMITZ,
Prince Bay, N. Y.

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Cineraria Grandiflora.

TALL .....Finest Mixed per pkt., 50c.
SEMI-DWARF....Finest Mixed, per pkt., 50c.
STELLATA .....Finest Mixed, per pkt., 25c.

Pansy, Superb Mixed.

⅛ oz.. 75c; per oz., $5.00.
Choice Mixed, per oz., $2.00.

W. C. Beckert, Allegheny, Pa.

H. Bayersdorfer & Co.

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BEGINNINGS IN DESIGN...

TABLE CENTER-PIECES.

Seek Simplicity.

A table center-piece may be the most free and easy in arrangement of any floral design. It is the one which people look at longest and study the most. It follows that it should be of the best possible quality and arrangement, as near perfect as possible. A funeral design, upon which you may spend hours of painstaking labor, is passed over with a glance, and even an elaborate wedding or reception decoration must share attention with the excitement of a minute or two. But when the guests reach the dining-room, they are ready to sit down and look at something, so here is your chance to transport a bit of the woods or the garden and be sure of attention and appreciation. Have before you a simple ideal. Simplicity as applied to design means precisely what it does in other spheres, unaffected, not complicated, neat, sweet, plain.

The tables you will ordinarily be called upon to decorate will be those for luncheons, dinners, receptions and banquets. Of all these perhaps the reception is the easiest, for it is likely to be a square or round table, where only those who pour are seated. The others, for any number of guests, are likely to be either a number of small tables, with very little space to be had for decoration, or long tables upon which the decoration needs to be stretched out to be enjoyed in the same degree by all the guests.

Never Obscure the View.

About the first thing in table decorations that any experienced florist will call your attention to would be to regulate the height of your decorative scheme to suit the convenience of the guests. Never obscure the view across the table. It would be awkward to make the guests look up to see the decorations; so the low basket and plaque decorations have come into vogue. The one exception to this rule is in the case of the reception table. There the guests are seated or stand around the dining-room, and the table center-piece should be rather tall for their benefit. The only objection you will meet to a tall reception table center-piece will be that those who pour at the opposite sides may have difficulty to converse across the table. This may be remedied by making the center-piece airy and not at all solid, which is a desirable quality anyhow. By no means allow the reception center-piece to be so low as to appear insignificant between the tall urns.

The Low Center-piece.

But to our low center-piece, which is the topic for discussion today. The one before us is of blue cornflowers and Euphorbia corollata, touched with a bunch of foxtail grass. The receptacle is a low wicker basket of a shade of blue blending with that of the flowers. This color scheme is most suitable for a daylight decoration. Line the basket with tinfoil. Fill with sphagnum two inches higher than the edge on one side, and an inch or two below the edge of the basket on the opposite side. Be especially careful to guard against any dripping from the moss. There is no need of tying the moss in the basket, nor covering it with the green, for the flower stems and the foliage will be thick enough in the completed piece to cover the sphagnum.

Stem three or four flowers together on one three-quarters pick, as per general directions for stemming given heretofore. Leave the buds and foliage on. Cut the flowers from six to twelve inches long, keeping the majority under eight inches. Have only a few as long as twelve inches, and let these be the ones most inclined to droop. Fill from the center outward. The heaviest parts are at the back right corner and the back of the piece proper. Here the cluster of cornflowers is set in with the stem ends close together and the tops spreading. The two heavy groups spoken of just above have their flowers from what appear to be points common to themselves. Clustering flowers connect the groups and follow the remaining outlines of the basket. The euphorbia is cut in umbrella-like clusters and stemmed one to a pick. It is not used as a filler, although inserted in the lighter parts and the edges. Foxtail grass both lightens the upper outline of the piece and completes the symmetry of the top. The longer-stemmed small groups of cornflowers make the balancing points on the sides and break the solid side outlines of the piece.

The whole piece is intended to represent a clump cut off one end of a patch of cornflowers, as seen growing in the garden. The opposite side of the piece, of course, will present a different appearance, which is all the better. Sprinkle the piece when complete, but not liberally enough to drip from the edges. Place on the table at the last possible moment. This color scheme is especially good to use with delft blue china. Occasionally you will have a call for odd coloring like this. Other colors might be used for the basket with these same flowers, or white. Before stemming the flowers let them stand in water two or three hours, if possible.

This style of arrangement might be used with equally good effect with marguerites, mignonette, peas and other small, slender-stemmed flowers. Have the foliage, flowers, basket and materials scrupulously clean. A spot on the linen cannot be removed at the last moment. No embroidered center-piece is necessary with this style of flower center-piece.

GERTRUDE BLAIR.



A Simple Arrangement as a Table Center-Piece.

THE READERS' CORNER.

Conventions and Trade.

Referring to the Pacific coast notice in the REVIEW under date of August 25, wherein your correspondent belittles the practice of entertaining conventions, I must say that the article to me seems so narrow and so short-sighted that I can not imagine any business man in any community would sanction it. Least of all would it be expected from a member of our noble craft. Your correspondent dwells particularly on the fact that it does not benefit the florists, when every reasonable, thinking person must admit that no matter for what the money is spent, so long as it is spent in a given city, it must benefit all in that community. Your correspondent particularizes the Knights Templar, and I know for a fact that the Knights Templar as a rule leave more money per capita in cities they visit than any other organization. We well remember, when they visited our city in 1889, what a magnificent sum of money they left,

the benefits of which were felt by the florists for a long time after, and I feel sure that the Knights Templar and likewise the Odd Fellows will leave no small sum of money to the city of San Francisco during the present month.

Wm. F. Gude.

ATTRACTION.

I overheard a conversation between two eminent gentlemen relating to the success of a prominent business man with which the two were familiar. One commented that his principal cause of success was due to his thorough organization. "He has able assistants in every department." "Yes," said the other, "they're all expert in their line. It would be hard for him to fill their places." "Not at all," said the one, "a man of his ability would attract others just as good and their places would soon be filled." From which we may readily infer that it is the commanding general after all who is largely responsible for results. Frank B. White.

CHRYSANTHEMUMS

WATCH THE INSECTS.

The early buds are swelling rapidly now and some of the earlier kinds are beginning to show color. Syringing overhead should be discontinued with these plants, and also in cases where crown buds are breaking through their husky covering. A crown bud generally forms itself into a miniature cup and when water lodges in this depression it sometimes causes the bud to rot and renders it useless. Now is the time to be certain that no red spider is present, because when syringing can no longer be practiced the spider will increase and multiply at an enormous rate. It is not at all an unusual thing to see a flower spoiled completely by nothing else but spider.

Black and green fly must also be banished completely now. The green fly particularly often secretes itself in the buds and its presence is not observed till too late to do anything. Light but persistent fumigating should be practiced. In a small house aphis punk is clean, easy and satisfactory. The grower having a large quantity of plants must perforce use tobacco stems or dust, owing to the expense entailed. Along about this time the festive grasshopper gets busy, eating the extreme tip of the shoot or gnawing two-thirds through the stem just below the bud, causing the bud to fall of its own weight, and inducing much profanity among growers at this case of "love's labor lost." Hand picking is the only way to clean out grasshoppers and early in the morning, while they are still drowsy and slow-moving, is about the only time to catch them easily.

Taking Up Plants Outside.

After September 1 it is time to take up any plants that are planted outside and get them potted up. Do not destroy more roots than you can help, or the result will be a serious check to the plants, causing them to lose a great deal of foliage. Carefully lifted and put in pots or boxes and shaded from the sun for several days, with frequent syringing, plants will take hold of the new soil and grow away almost at once, with little trouble. Growing outside and lifting in the early fall is a much cheaper method than growing plants continuously in pots.

More Novelties.

In addition to the varieties mentioned last week as under trial, we may name the following as most prominent at present writing:

Mrs. W. Higgie is a seedling of H. Weeks' and classed by him as the largest he has ever raised. It is a pure white Japanese. The best variety we have previously received from this grower is Mrs. H. Weeks and he thinks Mrs. Higgie a great improvement on Mrs. Weeks. At present it is not nearly so strong in growth as Weeks, making a long, slender growth more like Florence Molyneaux. It may prove to be a good commercial white, as it makes small foliage and can be planted close together.

Another white that looks extremely promising is Emily Mileham. This variety at present is a perfect pyramid of growth. The picture of the flower shows a beautiful shapely petal and if it is only full enough in the center it will be a grand variety, as we are shy on exhibition whites at present. It is said to closely resemble Mlle. T. Rey, a variety that we considered a queen in its class some nine years ago. This latter kind unfortunately soon went the way of all flesh, as it was at best a delicate grower, but Mileham at present is the strongest and most healthy looking of a large batch of novelties.

Mrs. J. Dunn is another white that has been largely exploited as a wonder. At present its showing is nothing very great, though it is dwarf and seemingly well constituted.

Lady Cranston, as the white sport from Mrs. Barkley, has had a phenomenal sale in England. Personally we never could handle Mrs. Barkley as well as some other growers, but we have seen phenomenal flowers of this variety set up in New York by the Hudson river growers. Lady Cranston will doubtless appeal to those experts on account of its parentage.

From Silsbury we get this year two varieties, Valerie Greenham and J. H. Silsbury. Valerie Greenham is evidently immense, flowers measuring ten inches wide and ten inches deep. It is a bright pink and will probably help to drive another nail in the coffin of poor old Morel, for so many years our standard in a pink Japanese.

Silsbury, from its photograph and color, which is given as a light crimson with golden yellow reverse, is evidently much like Lord Hopetoun. Time, which proveth all things, will show if it is any improvement. It is a dwarfer, stouter grower than Hopetoun. It is raised from the same seed head as Mrs. Vallis and is quite as large as that variety. Mrs. Vallis was well distributed this spring and the way it is exhibited will be a good index as to the value of J. H. Silsbury.

These are at present the most prominent of a long list of new kinds imported from the four corners of the earth and while, when one looks at the bills, sometimes it is apt to be nerve-racking, still if there is anything good we must have it, no matter what the cost or trouble. Progress is the watchword of American horticulture and the mum grower must get in line with the rest of the procession.

Brian Boru.

CARNATION NOTES.—EAST.

Summer Bloom.

If you intend to plant a few varieties for blooming outside next summer, preparations should now be made. First-class blooms cannot be grown in the field on account of conditions being beyond control. Stems will be shorter, flowers smaller and more or less affected by rain and dew; in fact, the quality is much below those grown under glass, but as the demand is mostly for an inexpensive grade during July and August, the product will find a market and at a fair profit, too, as aside from the room taken up by the young stock during the winter, there is little expense connected with their growth, so the risk is not great in venturing a trial lot at least.

Varieties that are quick to get established and which bloom soon after housing generally give the best results and from these the most desirable cuttings can be obtained. It is best to take cuttings that have grown since housing. Any taken from plants as lifted or when in the field do not take kindly to the propagating bench and even should a small percentage root, they never make satisfactory plants. Choose a bench in the coolest place possible and fill with fresh sand. Insert the cuttings as in winter propagation except that more space must be given between and in the rows. See that the bench has good drainage or the extra watering required at this time of year may cause a case of rot to set in.

As soon as rooted we used to pot into 2¼-inch pots, but found by pricking into flats much time and space was saved at a period when very valuable. Potted later into small pots and shifted as required, just as good plants were produced. Use fresh soil without manure in the flats, but at first potting add a small quantity, increasing the amount slightly at each shift. The object is to get a stocky plant of slow growth, but not necessarily large, for if grown cool they will have had a partial rest and start off rapidly when planted out.

Prepare the ground this fall in which they are to flower. This will save valuable time in the spring and allow early planting, which is a necessity to success. It is very likely that a judicious use of water will be desirable at times during the summer, so locate them within reach of the hose. Geo. S. Osborn.

CARNATIONS FOR OUTDOORS.

What is the best carnation to plant outdoors in the far west, where we never have it colder than zero? Please mention the several colors. T. D.

I cannot answer your question from personal experience, but judging by the

reports from your section I would recommend the following varieties to grow in the open ground: Ethel Crocker, Mrs. Lawson and Wm. Scott for pink, Flora Hill, Gov. Wolcott and Prosperity for white, Portia, Crane and America for red and Eldorado for yellow. I don't think you will miss it on any of these varieties, but after a season's trial you will be able to select those which give you the best returns. There may be some other native varieties which have not found their way east, but are among the best to grow under conditions which prevail in your locality.

A. F. J. BAUR.

CARNATIONS WITH ROSES.

What is the best pink or white carnation to plant on a side bench in a rose house, with a night temperature of 56 degrees? The bench is two and one-half feet from the glass. C. L.

There are no carnations that will do their best planted in a rose house, and I would not advise you to plant carnations in a house which must be run to suit the roses. However, the one variety that will suffer perhaps less than any other under those conditions is Mrs. Lawson. This variety will also keep about as short as any I know of and two and one-half feet of head room will do very well for it. Flora Hill will stand that temperature better than any other white except Gov. Wolcott, but the latter grows too tall for your bench. I would not propagate my next season's stock from that bench either, because you will find the cuttings less vigorous than those grown in a lower temperature and with more air than you dare give your roses. I have seen this tried a number of times, but never with much success, and by good growers, too. A. F. J. BAUR.

TUBEROUS ROOTED BEGONIAS.

Very near our front door is a bed of these handsome flowering plants. The bed is about nine feet in diameter. It has been quite amusing to sit on the veranda of a summer evening and hear the dear old ladies from the rural districts pronounce them almost everything but what they are. This beautiful bedding plant has been lately written up in the columns of the REVIEW and the undersigned has often declared his belief that in beauty and variety of color and form they far surpass a bed of the most brilliant geraniums.

The corms were bought of an eastern house as "good mixed" at a cost of 2 or 3 cents each. Some of the single blossoms are more than five inches across. Some are double and almost every shade of color is represented, except blue. From deepest crimson to purest white, all shades of scarlet, red and pink and richest orange to primrose yellow, all are there.

This little bed has the doubtful benefit of the partial shade from an elm tree. We have seen, in the Buffalo parks, better beds of begonias than this and in the fullest sun.

These plants were started in flats at the end of March. When a leaf or two and a few roots were made, they were potted into 3-inch and 4-inch pots, according to size and strength of plant, and plunged in a mild hot-bed, where they remained during May, with the glass off during the latter part of the month, and were planted out in the bed early in June. The bed has been most brilliant and attractive since the middle of June and I am sorry the photograph reproduced gives such a poor idea of the bloom and color.



Tuberous Begonias and other Interesting Specimens.

The fern in the background is an eight-inch pot plant of John Scott's nephrolepis. The two night blooming cereuses sitting under the kentia were not intended to be so conspicuous. To a casual observer they may appear of the same age, but they are not. Cultural directions for these will be dispensed with for the present. W. S.

ROSES.

Responsibility of Night Man.

As we are now approaching the season when steady firing at night will have to be resumed, our first care should be the selection of a suitable night man to whom we can delegate our responsibility for twelve out of the twenty-four daily hours. In the larger and most up-to-date establishments this functionary has of late years occupied his proper position, but in far too many of the smaller and medium-sized places any ordinary help is considered good enough for the position. Employers frequently select men who by reason of their physical defects are unable any longer to keep pace among the day hands.

It is unnecessary to say that this method of selection is seldom favored by either the foreman or section hands, who know that without a thoroughly qualified night man in charge their best efforts during the day are nullified and that all their care, skill and labor count for little when such a man takes charge.

The responsibilities which this man has to shoulder entitle him to a good salary, and to be able to earn it he must possess qualifications surpassing the ordinary day laborer who has always some one to guide him and to whom he can appeal for advice when in need.

The ideal night man must of necessity have a practical knowledge of the ordinary conditions required in a greenhouse and at the same time have a thorough knowledge of his heating plant, firing included. He must also have so much of a mechanical knowledge as to be able to make simple repairs, be able to judge quickly and accurately and have sense enough to know that the judgment of the foreman, who has the entire responsibility, is more likely to be more mature than his own, should be carried out to the letter, and in spirit, and that except in cases of emergency his nightly instructions should be carried out to the letter.

Above all, he must be strictly temperate. Avoid encouraging company in the boiler room. Company usually means card playing, with its concomitants. Smoking and drinking means neglect of duty and, however well intentioned the man may be, he usually after a while succumbs and loss occurs.

Select a good, trustworthy man, pay him well, treat him well and it will pay you. RIBES.

OVER-WATERED ROSES.

I send some rose leaves and would like to have you tell me why they turn so light colored and what to do to prevent it. C. H.

The reason why these leaves have assumed this shade of color is not far to seek. They have been over-watered and chilled during the night and exposed to too high a temperature during the day. To prevent this condition water early and judiciously; give plenty of ventilation. Take particular care that the houses are freely aired during the night,

even though firing has to be kept up all night. By this method you will have a sweet atmosphere in the house, preventing that heavy condensation which must have prevailed in your rose houses every morning. RIBES.

TROUBLE OF A YOUNG GROWER.

I have one house of Brides and Maids planted in solid beds. Some of these plants are several years old, having been cut back each summer, rested and then started again. During the early part of July I commenced drying them off gradually. At the end of two weeks I cut them back to about six inches from the surface of the beds and rubbed off the shading on the glass. I was absent for a few days and during that time my employer gave the roses a good watering, having forgotten that they were still resting. Shortly after that the eyes began to break and shoots made their appearance.

The soil being exhausted, I was anxious to have it removed and a new top dressing put on and as the shoots were growing rapidly, I made all haste to do this. We removed about two and a half or three inches between the rows, disturbing the roots as little as possible, but during this operation we were interrupted several times and in order to keep the sun from drying the soil and any protruding roots I gave the benches a light watering. Unfortunately no compost had been prepared and so we were obliged to cut and mix our soil and manure as it was carried in, using equal parts of good fresh clay loam and well rotted cow manure with a little bone meal and lime added. This top dressing has now been on the benches about ten days and the young foliage has a very light green or yellow color and is rather thin.

I gave one watering after the dressing was put on and none since, only syringing the plants on bright days and damping the walks and woodwork. The ventilators are wide open on all favorable occasions and at night are open about four or five inches; warm nights more. There is no shading on the glass at present. No steam has been turned on yet and during rainy or sultry weather we have used sulphur to check mildew.

Can you tell me what the trouble is, and how to remedy same? Should the soil be tamped or firmed?

On one bench quite a number of plants had died out last winter and so I removed about six or seven inches of soil in those places and today planted young plants from 4-inch pots in that space, using fresh clay loam with one-quarter cow manure. These young roses had been out of doors all summer and appear quite healthy, the foliage being dark in color and quite tough. Shall I treat them just like June-planted stock?

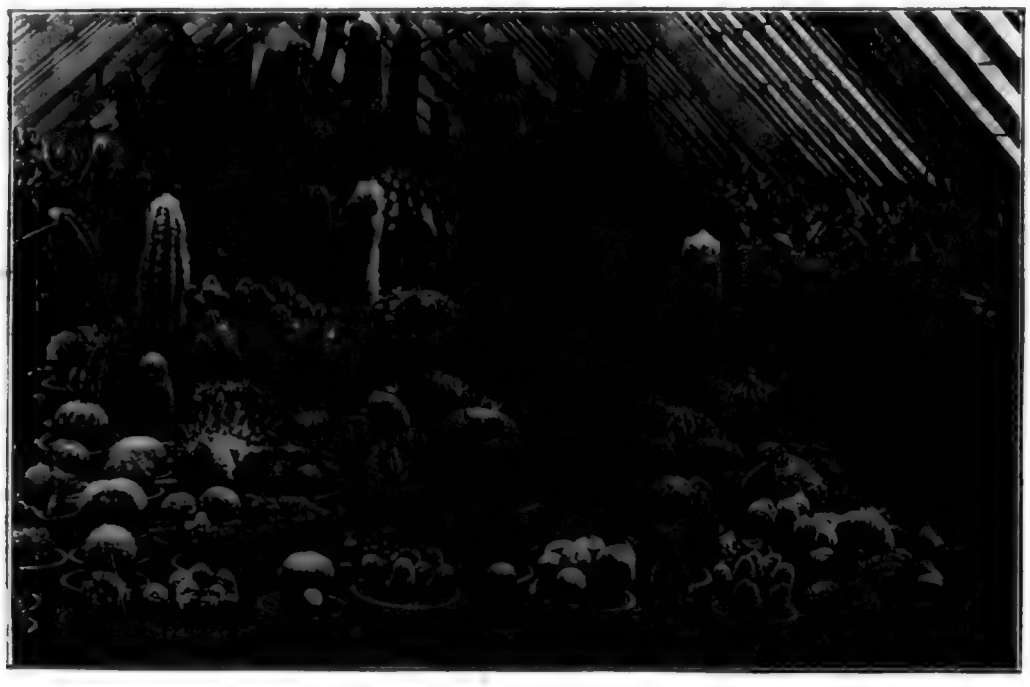
I have had three years' experience in roses, carnations, violets, mums, etc., and your notes on roses have been very helpful to me and put into practice whenever possible. I am deeply interested in all my work, but find it very hard and often discouraging to grow stock under existing unfavorable conditions. This is the only greenhouse plant here in a town of 6,500 and if I stay here this winter I want to get those roses in shape again and if you can help me will be very grateful to you. I came here last fall and turned out good roses and carnations last winter. W. R. D.

One reason why these roses failed to do well apparently lies in the fact that the soil was not removed before root action was started. As I have frequently pointed out in my notes, any operation which is likely to in any way interfere with the roots should be done while they are as nearly dormant as possible.

Another, and I think the most immediate cause of the trouble, can be ascribed to the use of lime and bone in combination in the mulch. There can be little doubt but that this is the reason of the thin, discolored foliage. Lime is to most rose soils very beneficial, and so is bone meal, but the use of the two in combination releases more ammonia than even a strong, healthy rose in all its vigor can find use for, and consequently the effect on stock just started must be very detrimental.

To remedy this state of matters, after the stock has absorbed so much poison, is no easy matter. The mulch should be removed as quickly as possible and a lighter one composed of equal parts of decomposed cow manure and good fibrous loam substituted. The soil should be kept moderately dry and the temperature below 56° at night when possible, with abundance of ventilation at all times.

The recently planted young stock will succeed under the treatment as recommended for June-planted stock. RIBES.



Latest Addition to Cactus Collection at Fairmount Park, Philadelphia.

FAIRMOUNT PARK.

It was a beautiful August day, clear and cool, one of those rare days in midsummer that seem expressly intended for outdoor enjoyment. Horticultural Hall, the floricultural center of Fairmount Park, Philadelphia, stood out strongly in the morning light, with its high towers and curved glass sides, surrounded on every side by splendid trees, many from distant climes; beautiful green lawns, dotted with patches of brilliant color; smooth gravel walks and drives, and on the east the Schuylkill, flowing on to meet its sister river beyond the great city. The picture is dear to every true Philadelphian and one that especially appeals to the florist with true love for his chosen calling.

The first thing to do after a few moments given to sentiment is to find the manager and get from him a few practical ideas that may be of use to florists and gardeners. Xavier E. Schmitt, who has had charge of the extensive greenhouses and grounds about the hall for the past four years, was hard at work potting "cyps," a job that was courteously postponed to do the honors of the place for an old comrade of many years' standing. The northern range of five greenhouses, each about 20x100 feet, contained part of a growing collection of orchids. A very promising lot of chrysanthemums, both in pots and planted out in the bench, a creamy white variety, New York, was pointed out as a good thing, not often seen elsewhere. An interesting lot of small agaves was pointed out.

Here came the presentation with due solemnity to the chief, Oglesby B. Paul, who succeeded the late Charles H. Miller as landscape gardener to the park, a position of importance, demanding knowledge, taste and originality of ideas.

At the east end of the hall figures representing the centennial and present years and maltese crosses are prettily laid out on the terrace with echeverias and alternantheras, a novel edge to the white stone steps being made with golden coleus and Eranthemum atropurpureum. Across the driveway, opposite these main entrance steps, are the crescent and surrounding cactus beds illustrated, the feature of the east end planting. The effect is very striking, the tall, slender cacti standing erect like sentinels, each exactly in the proper position on the many-hued carpet of alternanthera and echeveria. There are many varieties of cacti in the collection, some of them very rare. A large addition was received from the south this season, as shown in illustration of winter quarters.

Three varieties of alternanthera furnish the necessary colors: Brilliantissima, an improvement on paronychioides major and amœna spectabilis; Prospect Park, a dark rich shade, reminding one of a little of versicolor, and aurea nana, green and gold.

In echeverias, the old secunda glauca has been discarded as too "weedy," although another sort under the same name finds favor. E. imbricata is prized for its silver foliage and its erect habit. E. rosacea is a favorite among the flat varieties. E. sanguineum, E. metallica and a variety called, I think, E. globosa extensa, are very pretty.

Here the park guard's third whistle compelled even ardent plant lovers to recollect that the paymaster must not be kept waiting. After a short intermission, the parterre, or sunken garden, running from the west end of the hall toward George's Hill, was next admired.



Cactus Bedding near Horticultural Hall, Fairmount Park, Philadelphia.

It is a beautiful piece of work, presenting a life-like variety of color that must be seen to be appreciated. The beds are laid out on the grass in a series of ovals, circles and bands with graceful festoons on the sloping sides. In geraniums, Le Pilot is the leading scarlet. Alphonse Ricard is on trial. Madame Thibaut, formerly the best bedding pink, so-called, is out of favor. La Favorite has replaced Swan as the best white. The varieties of coleus are Verschaffeltii, Queen Victoria, Golden Bedder and another and stronger yellow, called, I think, Golden Prince.

Achyranthes Lindenii and Stevia serrata variegata, once so popular here, have been replaced by Eranthemum atropurpureum and Abutilon Duke of Malakoff. Acalypha tricolor is much more prominent than of yore. In masses it rivals fine beds of crotons in richness and brilliancy of coloring.

The economic house was in excellent condition. Some recently added cattleyas and other orchids were in bloom, also a fine plant of African violet, Saintpaulia ionantha, with a profusion of small, deep blue flowers, but with foliage suggestive of the gloxinia. Some twenty-five new varieties of marantas have lately been acquired. Some root pruned and freshly potted specimens were enjoying such an excessively high degree of humidity that a retreat was too soon demanded by the weakness of the flesh.

The lawns and herbaceous gardens outside were in excellent condition, the phloxes and rudbeckia adding richness to the effect. PHIL.

WITH BOSTON GROWERS.

Wm. H. Elliott, Brighton, Mass.

William H. Elliott, of Brighton, has for a number of years been one of the largest and most successful growers for the Boston market. In at least one of his specialties he has acquired a national reputation; that is, in the culture of Asparagus plumosus. A number of lofty houses, one or two of them thirty-five feet high, are devoted to asparagus, and Mr. Elliott ships extensively. He has thousands of fine strings fit for market. Asparagus Sprengeri fills several houses and quantities of plants are being grown in the field and will be lifted shortly. Chrysanthemums were noted in quantity outdoors. Several thousands are grown in bush form and find a ready market, mostly in 7-inch pots. Varieties included such old popular sorts as Bonnaffon, Ivory, Midge, Sunderbruch, Mrs. J. E. Neville and others. No single stems are grown at all.

Roses have always been one of Mr. Elliott's specialties. In the culture of these he has been eminently successful. Quite a number of houses are devoted to these, varying from 100 to 480 feet in length. Varieties grown are Bride, Bridesmaid, Liberty, Kaiserin and Carnot. Several houses of the two latter sorts were giving a grand lot of blooms, stems long and stout. Liberty is well liked here. Grafted plants seemed to show no particular advantage over own-root stock. Beauties are little grown here now, being handled at Mr. Elliott's farm near Dover, N. H., where he recently erected an 800-foot house. We noted that solid beds were being substituted for raised benches in the largest house of Brides and Maids.

C. F. Holbrow, Brighton, Mass.

C. F. Holbrow, of Brighton, grows a general line of stock, including decorative plants. Several houses are devoted to roses, Brides and Bridesmaids being exclusively grown. In carnations, Fair Maid is a prime favorite. As at Mr. Elliott's, the houses here are built on a side hill. In Mr. Holbrow's case the hill is very steep and it entails many steps and considerable climbing.

Wm. Sim, Cliftondale, Mass.

During the past winter and spring finer sweet peas and violets were placed on the Boston market than ever before. We doubt very much if any of the noted Rhinebeck growers grew such violets, and certainly no finer sweet peas were produced in America. The grower of these remarkable flowers was a modest, unassuming, but nevertheless canny Aberdenian Scotchman, at Cliftondale, Mass., named William Sim. A visit to the establishment is interesting and profitable. It shows that Mr. Sim is distinctly a specialist, and the days of specialists are not over, whatever croakers may say to the contrary.

He has been located at his present stand a little over five years, and surely his trim, well-kept grounds and clean, thrifty stock grown in ideal houses attest his perseverance, hard work and skill. A new house 30x360 was just being completed at the time of our visit. Although not designed or built by any greenhouse architect, this is a model of what a commercial house should be. Height is fifteen feet to the ridge. Steam heating is all along the sides. Sweet peas Mont Blanc and Earliest of All are planted in rows six feet apart lengthwise of this house. Later Princess of Wales violets are set between the rows and give a good picking until the sweet peas shade them too much. A house of similar size now devoted to cucumbers will also be planted with sweet peas.

Chrysanthemums fill four large houses, 75,000 single-stemmed plants being grown. These are in splendid condition. They include large batches of such useful market sorts as Ivory, Bonnaffon, White Bonnaffon, Wanamaker (still a favorite here), A. J. Balfour, Mrs. Coombes, Timothy Eaton and Yellow Eaton, Appleton, Perrin, Shrimpton, Monrovia, Halliday and others. A considerable number of the newer sorts, such as Dr. Enguehard, Duckham, Mrs. Thirkell, Ethel Fitzroy, Vallis, Henry Barnes and Mildred Ware are being grown. We hope Mr. Sim will exhibit in Boston next November, as we believe he intends to do.

Two houses are devoted to tomatoes. Stone filled one and Rochford the other. These had been giving heavy crops, five tons having been taken from a house of Stone 200 feet long and many fruits remained. Outdoors, trained to single stems, 6,000 plants are grown. These are all planted from pots and give a very early, profitable crop.

The chrysanthemum and tomato houses, as well as a number of long frames, are filled with Princess of Wales violets later, of which 60,000 are grown. Everything on Mr. Sim's place, particularly under glass, was scrupulously clean, no weeds visible at all. His attention to these details is something that many other florists might well emulate.

W. N. CRAIG.

POINT JUDGING.

Various suggestions have been made during the past few years for so modifying methods of judging as to give the competing collections awards more closely approximating their relative values than is possible when three prizes are given in the classes in accordance with the orthodox practice, says the Gardeners' Magazine. For several years past the Beddington, Carshalton and Wallington Horticultural Society has provided a class for vegetables in which the prizes are awarded to the collections in exact accordance with their relative merits, and the competition invariably gives rise to much interest among both exhibitors and visitors. This class is set apart for

nine distinct kinds, and it is stipulated that "six prizes, amounting to £5 in the aggregate, will be divided proportionately with the points of merit awarded to the collections." At the society's exhibition held on Monday there was as usual a strong competition, there being ten entries all more or less meritorious. The best six collections were selected by the judges, and the produce pointed with the following results: First prize, 59 points; second prize, 52 points; third prize, 51 points; fourth prize, 50½ points; fifth prize, 49 points; and sixth prize, 44 points. It will thus be seen that the difference in the value of the prizes awarded to the several exhibitors was very small, more particularly between the fourth and fifth. This method of judging necessarily requires great care, and occupies much time. This latter point is perhaps the most objectionable as if the method were general a small army of censors would have to be employed, because of the time occupied in determining the point value of each product in the collections, and then entering up the points. We cannot, therefore, suggest the adoption of the system in awarding the prizes in the whole of the classes at a show, but there is so much that is interesting associated with the method that the provision of one or two classes to be judged in accordance therewith can be strongly recommended.

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A well-kept hedge, even if in a landscape gardeners' view it is out of place, cannot seriously offend the eye, but a naked, scrawny, badly-kept hedge is an abomination. If a dense hedge is desired, something that will repel sight and neighbors and winter's cold blast, then an evergreen hedge is the thing.

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The privet, no matter how strong you obtain them, should be cut down at planting to within six inches of the ground and if you gain one foot in height each succeeding year you are allowing plenty. Prune with the shears early in the spring and, if you desire great trimness, again in early August.

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All the evergreens and shrubs I have mentioned are hardy in Minnesota. Plant privet, berberis or cydonia nine or ten inches apart and don't start with too large shrubs. Small plants will make the better hedge. The privet, cydonia and berberis are so hardy they can be transplanted in October or early November, yet there is not much gained by fall planting and you run some risk. As soon as the ground can be worked in the spring is the best time for deciduous shrubs.

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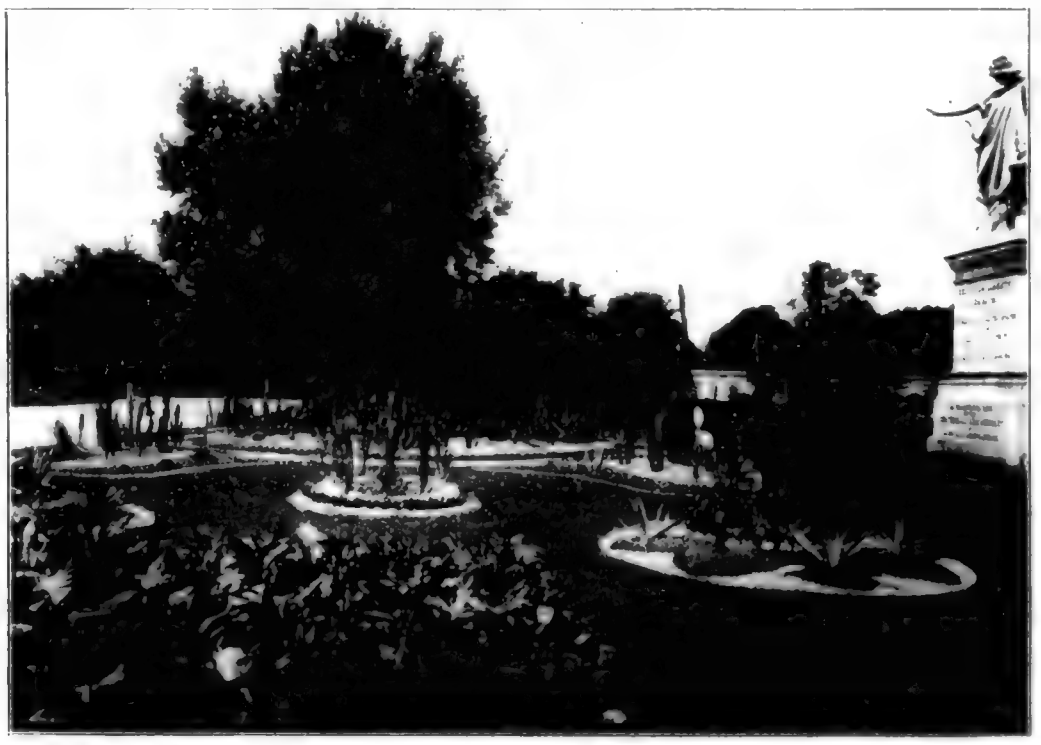
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The time of sowing these will depend upon when the plants are required to be large enough for planting in the benches. It is quite a usual custom to follow chrysanthemums with this crop and if this is the intention there is no immediate hurry about sowing, as under favorable conditions the plants ought to be large enough to plant in the bench in from six to seven weeks from the time the seed is sown. There is no advantage in having the plants large. One experience is that small plants invariably succeed better than large ones, as they suffer less check and take hold of the soil much quicker. We make a sowing about this time for frame work and from this sowing we seldom fail to reap a very satisfactory crop during the month of December.

The seeds may be either sown in flats or in a frame. In either case the plants should be pricked over once before the

final planting to make them firm and stocky. Previous to planting the soil in the frames should be well forked over and a liberal dressing of farmyard manure applied. I find this the most satisfactory manure for this crop; they don't seem to take kindly to commercial fertilizers, though if extra fine heads are desired a little nitrate of soda watered into the soil after the heads have begun to form will be of considerable assistance to their development. The best variety to use for this and also for greenhouse work is Snowball, but, as there are several strains of this on the market, it is well to procure the seed from a thoroughly reliable source to make sure of getting the genuine dwarf variety.

W. S. Croydon.

BOSTON.

The Market.

Flowers have sold exceptionally well the past week and there is a distinct improvement in the market as compared with a year ago. The warm weather has caused a heavier output of roses, but prices, except for the poorer grades, have maintained previous quotations. Beauties are coming with nice stems and there are some excellent Kaiserin and Carnot. Carnations of the new indoor crop, as well as from field, are now coming in more freely. Good flowers readily bring $2 and some whites went as high as $3. Scott, Saxon (scarlet), The Queen and Fair Maid are very good from the open. Quite a number of the old Mrs. Fisher are also seen.

A good many dahlias are now coming in. The cactus varieties take the best, some selling at $1.50 to $2 per 100. Some of the white pompons are also in demand for design work. Asters are of a little better quality, but inferior to other seasons. Some fine Semple's bring $1.50 per 100, other sorts 50 cents to $1. Sweet peas at 15 cents per 100 and feverfew 15 cents per bunch are still fairly abundant. The first named seem to have taken on a new lease of life. Lilium speciosum, gladioli, tuberoses, marguerites and stocks are among other flowers in the market. So far the new season may be classed as quite satisfactory. Chrysanthemums will soon appear, a few blooms being already open in some establishments.

Various Notes.

David Weir is in St. Louis, taking in the beauties of the World's Fair.

Geo. E. Buxton has completed the changes in his heating plant and other improvements and has all his carnations housed and looking first-class.

W. L. Lewis has evidently secured a capable manager in Mr. Gardner. Carnations never looked better and his general stock is in fine shape.

Messrs. Wm. Nicholson, M. A. Patten and Peter Fisher offer special carnation prizes at the coming chrysanthemum show in Boston.

E. A. Riggs, gardener to E. A. Clark, of Jamaica Plains, has a fine lot of single-stemmed chrysanthemums, including all the best new sorts. He was a successful exhibitor in Boston last year.

J. Montgomery Sears, of Southboro, the largest individual owner of real estate in Boston, has set aside fifty acres of his farm to be made into a pleasure park, with the idea of interesting other wealthy property owners in similar enterprises. His plan includes landscape gardening, flower gardens and a zoo.

The brown tail moth caterpillars hatched from eggs laid in July are working destruction on tender foliage just now in Boston and vicinity. Little can be done in the way of remedial measures now, but these same caterpillars, if not destroyed with their nests during the winter, will issue forth next May and June and cause widespread destruction.

The promoters of the new co-operative market feel much encouraged with the results of their sale of stalls on August 31. There was a large attendance at the auction and 110 out of 170 stalls were disposed of at an average of $30. First choice went to Charles Cummings, of Woburn, at $55, several others going at the same price. Sixty stalls were sold at prices ranging from $40 down to $15. The latter price was given for any choice left. So far as location is concerned the new enterprise has a distinct advantage over the old market and will undoubtedly catch considerable trade from the central location. At holiday times it will, however, be difficult to move goods in quantity in a hurry. There are quite a number of applicants for the post of manager of the new market, but no selection has yet been made.

Colored varieties of field-grown carnations are in good demand. J. H. Manley is hardly procurable.

The auction sale of stalls at the Boston Co-operative Flower Market on Columbus avenue took place on September 3. The results were considered quite satisfactory. Quite a number of growers purchased stalls in both markets.

We are experiencing a very dry spell at present and vegetation is suffering more than at any time this season. Water supplies are running low in many places and a soaking rain is much needed.

W. N. Craig.

NEW YORK.

The Market.

This is the calm preceding the storm of business which it is confidently hoped October will usher in. A comparison with the record of other years at this date shows no marked change. It is the old story of dullness repeated yearly, to which the wholesalers have become accustomed, and which they have learned to endure with placidity.

There is little change for the better this week. The supply is abundant in all lines and in asters, gladioli and dahlias the aggregate is an enigma unsolvable. The street merchants will be welcomed at their old stands to relieve the congestion. The middle of the month will see the closing of many of the adjacent summer resorts and the return of these nomadic florists. There are plenty of medium and short roses on which it would be a shame to quote clearing prices. Orchids are always in demand and the American market for them is established in New York and is likely to be so considered for a generation. The supply is always to be depended on, the quality and variety unsurpassed and a steady call is growing in extent and dependence that places them beyond the risk of speculation.

Retail windows everywhere are brilliant with gladioli and hydrangeas. Never were the latter so extensively used and so distinctive, the flower heads being enormous and their utility never so much in evidence.

Various Notes.

Alex. J. Guttman, the wholesale florist, has bought C. H. Hagert's greenhouse establishment at Summit, N. J., with ten acres of land and has here the nucleus of an extensive business. Everything is in ship-shape condition for immediate utility and in two weeks roses will be shipped to the New York headquarters. His brother wholesalers congratulate him on his enterprise and wish him success.

Charles Millang has purchased a home near his mother's residence, with ample room for his horses, dog kennels and other side enterprises and recreations that make life worth living.

George Saltford is back from his extended outing and pastoral visitations at and around Rhinebeck, the fruit of which will doubtless be seen at no distant date.

W. H. Gunther is now giving his growers his annual fraternal after a month at Seagirt with his family, in the best of health and ready for the best season in his career, of which this is his seventeenth year.

Across the way from this enterprising quartette, George Cotsonas & Co., the green goods men, will shortly open their increasing business center so that Twenty-ninth street makes no uncertain sound as a component part of the great wholesale cut flower section of the city.

Jas. A. Hammond has joined the army of suburbanites and now makes Summit, N. J., his home. His contiguity to the army of New Jersey rose growers will add to his shipping supply the coming season.

Mr. and Mrs. A. H. Langjahr were the rear guard of the conventionists, wisely devoting over a week to the Fair and returning unsatisfied, as did all who enjoyed the glories and realized that a month would hardly suffice to "touch the hem of its garment."

Wm. A. Gardeen, of Thorley's, has gone to Fair Haven for his month's vacation.

Arthur Hunt, with Langjahr, is rejoicing in the addition of a prospective wholesaler to his family.

John Reickert, of Union Hill, who has been very ill with pleurisy and typhoid fever, is slightly better and his recovery is hoped for. A loss in weight from 225 pounds to 140 indicates the severe strain he has endured.

Both president and vice-president of the New York Florists' Club are indudging in hay fever. It is, therefore, appropriate that at the first meeting of the club for the fall season next Monday evening, the exhibition should include hardy and half-hardy herbaceous flowers and plants. Secretary Young will receive and care for anything that may be sent for the purpose and shippers are requested to forward promptly to his address, 51 West Twenty-eighth street. The meeting should be one of rare interest. Every member of the club should be present.

J. K. Allen is home again, satisfied that this is the only country. His comparisons are glowing in favor of America and he has seen enough of foreign lands to declare he would "rather have one year of New York than all eternity in Europe."

Kasting's exhibit of Croweanum in St. Louis was far-reaching in its influence. The demand in New York shows a steady increase and John I. Raynor, who controls its sale here, finds a constantly growing appreciation of its beauty and value.

Alex McConnell received from the American Press of New York city a

large order last week for the funeral of the vice-president of the association, Mr. Cummings. Golden Gates and orchids were used profusely in the elaborate designs.

The country places are not exempt from the enterprising floral burglar this fall. John Lewis Childs is the latest victim, at Floral Park, L. I., horticultural books and valuable plants being stolen.

George Bast, one of the oldest landscape gardeners of Prospect park, died last week, aged 79 years.

The great flower show to be given under the direction of the American Institute is beginning to be a topic of general conversation. J. AUSTIN SHAW.

ST. LOUIS.

The Market.

Since the beginning of September trade has shown some activity. The approach of fall has put a smile on the face of the retailer, with the confidence that business is about to start in soon for good. The growers are all busy housing their carnations and putting their greenhouses in order for the fall trade. The growers around Kirkwood and Clayton report carnation plants in excellent shape. Building, too, is being pushed as much as possible so as to be ready for firing when the first frost comes.

The receipts of flowers at the wholesale houses are growing larger. Roses are coming with longer stems and buds much firmer. Bride, Meteor, Bridesmaid, Kaiserin, Liberty and Perle are most plentiful. The first of these are in good demand at $4 and $5 per 100. Shorter-stemmed ones do not bring over $2 per 100 and $10 in thousand lots. Beauties are looking better and are selling well. Fancy long are scarce at $3 to $4 per dozen.

Good carnations are still short in supply, with a big demand, especially for white. The best bring $2 per 100. Short outdoor stock does not bring over 75 cents per 100. Asters are again very plentiful, but only the large white and purple are selling well, at $2 per 100. Small truck, which is abundant, sells very cheap, 50 cents to $1 per 100. Tuberose stalks are coming in great quantities, selling as low as $1.50 per 100. There is very little sale for gladioli and the market is overstocked with them. Other outdoor stock is also overplentiful and so are all kinds of greens.

Various Notes.

Nurserymen report plenty of orders for fall delivery in fruit and shade trees. Planting will begin late next month.

F. R. Pierson, of Tarrytown, was a visitor last week. Robt. Craig, of Philadelphia, and W. R. Smith, of Washington, are still with us. Both are judges at the World's Fair in the floricultural department.

Park Commissioner Aull, Henry C. Ostertag and Sheriff Dickmann had a big time on the Pike one night last week. "Zink" and the others wound up in the Irish Village.

Fred H. Meinhardt is hard at work putting in a new Lord & Burnham boiler at his place in North St. Louis, also making other necessary repairs for the winter.

Max Rotter, on North Broadway, reports a splendid trade all summer, mostly funeral work but plenty of it.

Dr. A. S. Halstedt, president of the St. Clair Floral Co., at Belleville, called this week. The doctor reports that his new crimson seedling geranium is a sight worth seeing. He has named it St. Clair.

Fred Ostertag is back in the business again. He is now with his sister Mary, on Grand avenue.

John M. Hudson reports that he will re-enter the business this fall if a good opportunity presents. John says he felt like home during the convention, meeting so many of his old Philadelphia friends.

George Waldbart, Mrs. M. M. Ayres, Ellison Floral Co., and Mary Ostertag, who are located at Grand and Olive, report a good summer trade with World's Fair work.

Arthur Cowee, of Berlin, N. Y., is showing thousands of cut gladiolus spikes from his farm near Belleville, at the World's Fair, in the Horticulture building. This display attracts a big crowd of visitors every day. The display is in charge of Miss Hanson, who is always ready to answer all questions regarding gladioli. Mr. Cowee deserves great credit for such a grand display. Mrs. Hadkinson has charge of the grand fruit display of Nebraska. Her assistant, Mr. Ussic, of New York, is doing great work in this department.

Phil Hauswirth, of Chicago, is expected to spend a day with us this week on his way to St. Joseph to attend the annual Red Men's pow-wow. Phil is always a welcome visitor here.

The Benthey-Coatsworth Co., of Chicago, is sending to this market a fine lot of their large white asters, which are handled by Frank Ellis.

It is said that a grand chrysanthemum and floral exhibition will be held at the World's Fair, in the Horticulture building, during the month of November, the show to be under the auspices of our national society.

T. W. Guy, one of our old-time florists, was in town last week, visiting his son, E. W. Guy, in Belleville, and taking in the sights at the World's Fair.

The bed of the new canna, West Virginia, by Gus Obermeyer, of Parkersburg, W. Va., at the World's Fair, is in fine shape and attracts a great deal of attention from visiting florists.

A. G. Greiner felt very proud when he was told that he had received a bronze medal for his fine display of cacti, which attracted so much attention at the convention. Mr. Greiner devotes his whole time to growing cacti. He is ex-president of the St. Louis Cactus Society, which holds monthly meetings.

George Ostertag, who is now head man at Forest park, has the park looking in extra fine shape. George is the right man in the right place.

Wm. Schray & Sons' canna beds at the World's Fair are a fine sight. The judges have given them a medal for their display.

The second opening of Shaw's Garden to the public occurred Sunday. The attendance broke all previous records; 38,000 visitors passed through the gates. Ropes were stretched along the walks. The garden was in splendid shape, as many of our S. A. F. members know, for they visited the place a few weeks ago.

Tower Grove park which is close by, also had an overflow of visitors. Mr. Gurney and Phil Giebel were on hand to explain the beauties of this great park, where the rose gardens and the lily ponds are great attractions for the thousands of visitors in the city seeing the World's Fair.

For the vehicle parade at the World's Fair Fred C. Weber entered his hand-some outfit decorated with some 1,500 gladiolus spikes. The turnout was favorably commented upon by the big crowd in the stands.

Mr. and Mrs. A. C. Canfield, of Springfield, Ill., are attending the World's Fair this week and C. J. Ohmer, of Cincinnati, is here, spending most of his time on the Pike.

Bowling.

The Bowling Club started the match of fifteen games for the silver cup on Monday night. The members with a handicap rolled better than the scratch men, as the following scores will show:

Player.	Hc.	1st	2d	3d	T'l
F. M. Ellis	20	191	188	147	526
F. C. Weber	20	160	197	176	523
Ed. Gerlach	45	173	182	168	523
A. J. Ellison	S	144	181	168	493
F. H. Meinhardt	25	149	201	141	491
J. J. Beneke	S	150	152	158	460
Carl Beyer	S	138	124	148	410
C. A. Kuehn	S	134	143	131	408
Theo. Miller	S	128	129	132	389

J. J. B.

TORONTO.

The Exposition.

The national industrial exposition held in Toronto from August 29 to September 10 is of great interest to all commercial lines in Canada, but on September 5 it was of special interest to the florists of Toronto and the surrounding country, it being the day that cut flowers and floral designs were exhibited. The interest displayed was very marked and competition keen, necessitating some very close judging. Wm. Scott, of Buffalo, officiated in the capacity of judge to the general satisfaction of all. The prizes awarded were as follows:

Hand or bridal bouquet, J. H. Dunlop, first; J. S. Simmons, second.

Floral design for the table, not exceeding two feet in diameter, J. H. Dunlop, first; Manton Bros., second; J. S. Simmons, third.

Funeral design, flat, fourteen inches in diameter or under, J. S. Simmons, first; J. H. Dunlop, second; Manton Bros., third.

Funeral design other than flat, gates ajar, frame not exceeding 30x30, J. H. Dunlop, first; J. S. Simmons, second; Manton Bros., third; Jay & Son, fourth.

Cut flowers, best basket, J. S. Simmons, first; J. H. Dunlop, second; Jay & Son, third.

Carnations, fifty blooms in one vase, any foliage, J. S. Simmons, first; Toronto Floral Co., second.

Roses, collection named, three of each, J. H. Dunlop, first; J. S. Simmons, second; Toronto Floral Co., third.

Roses, six of one variety, named, J. H. Dunlop, first; J. S. Simmons, second; Toronto Floral Co., third.

Roses, twenty any variety in one vase, arranged, J. H. Dunlop, first; J. S. Simmons, second; Toronto Floral Co., third.

Carnations, twenty blooms one variety, Toronto Floral Co., first.

In hardy annuals and perennials the exhibit was very large, many exhibitors coming a distance with their stuff. In the arrangement of plants as well as in the specimens Manton Bros. carried off many of the honors. Colonel Pellett, Exhibition park, Allan Gardens, Government House and Central Prison, put up some fine exhibits and prizes were fairly and evenly divided.

We noted among the visitors in town from distant points E. I. Mepsted and Chas. Wright, Ottawa; W. A. Adams, of S. A. Anderson, Buffalo, and Miss Scrim, Ottawa. D. J.

PHILADELPHIA.

The Market.

The quantity of fine flowers coming into town is increasing each week. This, with the large receipts of outdoor flowers, is more than the market can stand, the demand being as yet but slightly better than in August. These conditions cause greater waste than during the summer. There is some encouragement in comparison with last year's prices, which show a slight improvement on all flowers, except some of those grown out of doors.

Club Meeting.

At the meeting of the Florists' Club of Philadelphia on Tuesday evening the present officers were renominated for another year. The president's reception will be held at the October meeting. Robert Craig read a paper on horticulture at the World's Fair, where he has been for some time officiating as a member of the jury of awards. He especially praised the Dreer exhibits and the beauty of their aquatics. Several others gave good descriptions of what they saw at St. Louis.

A Dahlia Farm.

It is curious to note the effect of a few words. Samuel S. Pennock remarked that he expected more dahlias and better dahlias than ever this season from L. K. Peacock, of Atco. So a party met at Market street wharf a little before 1 o'clock last Saturday afternoon, bound for the home of the dahlia. There were Joseph Fling, an amateur dahlia enthusiast; George Redles, who knows every flower, wild or tame of this or any other clime; Clarence Upton, who believes there is no flower to compare with the queen of flowers; C. F. Wurtzner, a true flower lover who should be a grower, and Phil, five in all.

After a good half hour "wasted" on the way down in dispatching certain rear cars to Gibbsboro and "Jericho," the train finally pulled up at Atco, where the dahlia king himself was in waiting to drive his guests out to his place. The grown men rode, while the boys preferred to walk. The two parties soon met at the farm.

It was as pretty a sight as one could wish to see. Row after row of dahlias, stretching away like a vast army in the field, the little patches of color that relieved the green giving the scene just the touch needed to enhance its beauty. The pompons were in full flower. Shapely little plants, the flowers on the same plant often varying markedly in shade, sometimes even in color. The large double sorts were just coming in bloom, but most of the best fancy, show and decorative varieties were either only in bud, with here and there a bloom, a promise of what would come later, or cut back to hold them back until the season opens, about the middle of this month.

Clifford W. Bruton, a fine yellow, looked well, being tall enough to insure good stems and well budded. Penelope, a soft pink and white, was very pleasing. Perle d'Or, creamy white, a grand flower resembling a fine chrysanthemum, is so highly prized that it is disbudded and given special care. It has good stems.

The cactus varieties were much admired, although not yet at their best. The singles held the visitors longest enthralled. There was Butterfly, a perfect little yellow, borne in rich profusion on plants of the glossiest green; Wurtzner's Joke, named on the spot from its oddities of color, pretty and most surprising; the famous Twentieth Century, a great flower of indescribable color; Pink Century, an enormous bloom that should light up splendidly at night; Scarlet Century, with color that would rival the scarlet Duc van Thol tulips, and so on ad infinitum through every variety of form, color and shade that one can imagine, with combinations galore.

"Have you a knife?" Mr. Peacock asked, and on its being offered him, "Now cut what you like." And they did. It makes one blush to think of it. "No one ever turned me loose in his larder before," Mr. Wurtzner remarked. It was certainly appreciated and when, just before train time, the well trained residents of the farm arose in numbers and gave their visitors little admonitory pricks that evening was approaching, a very happy party assembled to express their pleasure and say good-bye.

The farm consists of 102 acres. "I should have called it 100," Mr. Wurtzner remarked, "but he says he has the other two." There are about one and a half million bulbs planted out. Twenty thousand blooms is not an unusual morning's cut during the season.

The necessity for irrigation is so strongly felt that an order has just been placed for a great quantity of pipe to keep the stock moist during a drouth. The help number fifty-five during the busy season. Most of them are kept on all the year around.

Various Notes.

Wm. Swayne, of Kennet Square, Pa., has added one greenhouse 26x44 feet.

B. Eschner, of the M. Rice Co., has returned from a seven-weeks' business trip. He covered the entire territory between the Great Lakes and the Gulf for the first time and reports an increased demand. He was so busy at St. Louis that he was unable to get within three miles of the Fair, which does not seem strange when the responsibility of the firm's large exhibit at the convention is considered.

Walter P. Stokes is sending fine valley to Edward Reid.

George Burton is shipping fine Golden Gate to the Leo Niessen Co.

The Flower Market has the new quarters most attractively fitted up, the work being entirely done by the employes. In front is a fine exhibit of foliage plants from H. A. Dreer, at Riverton. All the stalls are now taken. Business seems active here.

Edward Towill, of Roslyn, Pa., is sending fine Liberties to S. S. Pennock.

Eugene Bernheimer is receiving new Beauties and Edgelys from the Floral Exchange, also field-grown blooms of Joost, Crocker and Fisher. He is now among the growers.

D. T. Conner, of Lord & Burnham Co., has his model greenhouse and boiler set up at the new Flower Market headquarters.

Jacob Becker is sending nice blooms of his Ideal rose to the Leo Niessen Co. This firm is receiving a fine lot of dahlias.

C. F. Edgar is away on a business trip.

Edward Reid left for Dakota this week. A. M. Campbell is in charge of the business. A new ice box over the rose cellar and new shelves give much needed extra space.

Fred J. Michell reports a shortage in Roman hyacinths and Paper White narcissi, with prices advancing. His firm has sent out more of these bulbs than in previous years.

Wm. Munro, of Lansdowne, Pa., is sending fine Kaiserins to Edgar & Co.

Wm. J. Baker enjoyed a short breathing spell at Atlantic City early this week.

John Berger was elected a member of the Florists' Club on Tuesday.

John Holmes, a well known gardener, died at the Germantown Hospital of appendicitis last week.

John F. Andre, Doylestown, is sending fine Beauties, Brides and Maids to Fred Ehret. PHIL.

CINCINNATI.

The Market.

Business is still in the summer rut, but now and then it hustles along at a more lively pace. This is due usually to funeral orders. There is plenty of stock of all seasonable kinds. Roses, especially Beauties, are in large supply. Kaiserin is very good and more of the better grades could be disposed of to advantage. Bride and Maid are still short-stemmed, but the quality is very fair. Meteor and Liberty are in fair supply, but the quality of the stock is not very good.

Carnations are still scarce, but it will not be long till there will be enough for all needs. Asters are in large supply and the quality of most of them is good. Not many go to waste. Gladioli are not so plentiful and the price is being held stiff. Dahlias sell fairly well, some varieties bringing a very good price. There is plenty of all kinds of green goods.

Various Notes.

R. Witterstaetter has completed planting and now is contemplating a visit to the World's Fair.

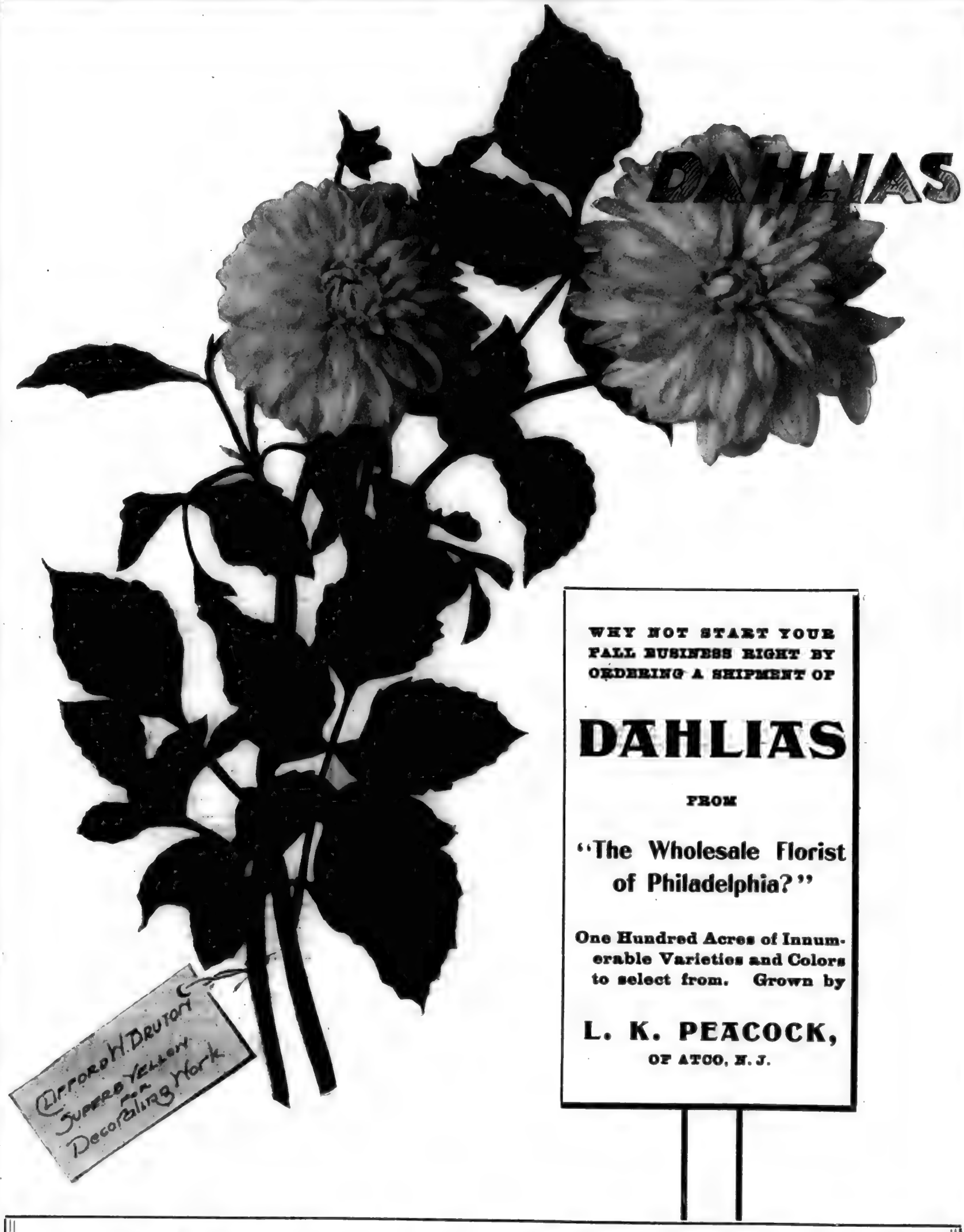
It is rumored that W. K. Partridge is to open a first-class store on Fourth street, between Walnut and Main, for retailing the flowers grown at his plant at Lockland. C. J. OHMER.

BALTIMORE.

The Market.

Business continues quiet, with too much stock of nearly everything. Outdoor white carnations and Maman Cochet roses are wasting in large quantities. Good asters sell fairly well and are now in better supply. Inferior grades are hard to dispose of. Tuberoses are coming in more freely, but are not wanted by the stores; they therefore find their way to the street men at $1 per 100. The street men are also beginning to move the surplus of roses, but at extremely low prices. Dahlias are of good quality, but they, too, do not move very well as yet. The theater season opens in full this week, which may help business some. The stores will now begin to keep open later. Business must surely begin to pick up in the next few weeks. The Florists' Exchange reports that sales have been better than last summer by twenty per cent. The great waste seems to be overproduction in summer stock. A. F.

CLIFTON, N. J.—Robert Simpson is giving a trial to the new rose, Uncle John, sent out by Peter Reinberg, Chicago, having received 1,000 plants some time ago.



WHY NOT START YOUR FALL BUSINESS RIGHT BY ORDERING A SHIPMENT OF

DAHLIAS

FROM

"The Wholesale Florist of Philadelphia?"

One Hundred Acres of Innumerable Varieties and Colors to select from. Grown by

L. K. PEACOCK,
OF ATCO, N. J.

SAMUEL S. PENNOCK

RIBBONS AND SUPPLIES

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The cactus varieties were much admired, although not yet at their best. The singles held the visitors longest enthralled. There was Butterfly, a perfect little yellow, borne in rich profusion on plants of the glossiest green; Wurtzner's Joke, named on the spot from its oddities of color, pretty and most surprising; the famous Twentieth Century, a great flower of indescribable color; Pink Century, an enormous bloom that should light up splendidly at night; Scarlet Century, with color that would rival the scarlet Duc van Thol tulips, and so on ad infinitum through every variety of form, color and shade that one can imagine, with combinations galore.

"Have you a knife?" Mr. Peacock asked, and on its being offered him, "Now cut what you like." And they did. It makes one blush to think of it. "No one ever turned me loose in his larder before," Mr. Wurtzner remarked. It was certainly appreciated and when, just before train time, the well trained residents of the farm arose in numbers and gave their visitors little admonitory pricks that evening was approaching, a very happy party assembled to express their pleasure and say good-bye.

The farm consists of 102 acres. "I should have called it 100," Mr. Wurtzner remarked, "but he says he has the other two." There are about one and a half million bulbs planted out. Twenty thousand blooms is not an unusual morning's cut during the season.

The necessity for irrigation is so strongly felt that an order has just been placed for a great quantity of pipe to keep the stock moist during a drouth. The help number fifty-five during the busy season. Most of them are kept on all the year around.

Various Notes.

Wm. Swayne, of Kennet Square, Pa., has added one greenhouse 26x44 feet.

B. Eschner, of the M. Rice Co., has returned from a seven-weeks' business trip. He covered the entire territory between the Great Lakes and the Gulf for the first time and reports an increased demand. He was so busy at St. Louis that he was unable to get within three miles of the Fair, which does not seem strange when the responsibility of the firm's large exhibit at the convention is considered.

Walter P. Stokes is sending fine valley to Edward Reid.

George Burton is shipping fine Golden Gate to the Leo Niessen Co.

The Flower Market has the new quarters most attractively fitted up, the work being entirely done by the employes. In front is a fine exhibit of foliage plants from H. A. Dreer, at Riverton. All the stalls are now taken. Business seems active here.

Edward Towill, of Roslyn, Pa., is sending fine Liberties to S. S. Pennock.

Eugene Bernheimer is receiving new Beauties and Edgelys from the Floral Exchange, also field-grown blooms of Joost, Crocker and Fisher. He is now among the growers.

D. T. Conner, of Lord & Burnham Co., has his model greenhouse and boiler set up at the new Flower Market headquarters.

Jacob Becker is sending nice blooms of his Ideal rose to the Leo Niessen Co. This firm is receiving a fine lot of dahlias.

C. F. Edgar is away on a business trip.

Edward Reid left for Dakota this week. A. M. Campbell is in charge of the business. A new ice box over the rose cellar and new shelves give much needed extra space.

Fred J. Michell reports a shortage in Roman hyacinths and Paper White narcissi, with prices advancing. His firm has sent out more of these bulbs than in previous years.

Wm. Munro, of Lansdowne, Pa., is sending fine Kaiserins to Edgar & Co.

Wm. J. Baker enjoyed a short breathing spell at Atlantic City early this week.

John Berger was elected a member of the Florists' Club on Tuesday.

John Holmes, a well known gardener, died at the Germantown Hospital of appendicitis last week.

John F. Andre, Doylestown, is sending fine Beauties, Brides and Maids to Fred Ehret. PHIL.

CINCINNATI.

The Market.

Business is still in the summer rut, but now and then it hustles along at a more lively pace. This is due usually to funeral orders. There is plenty of stock of all seasonable kinds. Roses, especially Beauties, are in large supply. Kaiserin is very good and more of the better grades could be disposed of to advantage. Bride and Maid are still short-stemmed, but the quality is very fair. Meteor and Liberty are in fair supply, but the quality of the stock is not very good.

Carnations are still scarce, but it will not be long till there will be enough for all needs. Asters are in large supply and the quality of most of them is good. Not many go to waste. Gladioli are not so plentiful and the price is being held stiff. Dahlias sell fairly well, some varieties bringing a very good price. There is plenty of all kinds of green goods.

Various Notes.

R. Witterstaetter has completed planting and now is contemplating a visit to the World's Fair.

It is rumored that W. K. Partridge is to open a first-class store on Fourth street, between Walnut and Main, for retailing the flowers grown at his plant at Lockland. C. J. OHMER.

BALTIMORE.

The Market.

Business continues quiet, with too much stock of nearly everything. Outdoor white carnations and Maman Cochet roses are wasting in large quantities. Good asters sell fairly well and are now in better supply. Inferior grades are hard to dispose of. Tuberoses are coming in more freely, but are not wanted by the stores; they therefore find their way to the street men at $1 per 100. The street men are also beginning to move the surplus of roses, but at extremely low prices. Dahlias are of good quality, but they, too, do not move very well as yet. The theater season opens in full this week, which may help business some. The stores will now begin to keep open later. Business must surely begin to pick up in the next few weeks. The Florists' Exchange reports that sales have been better than last summer by twenty per cent. The great waste seems to be overproduction in summer stock. A. F.

CLIFTON, N. J.—Robert Simpson is giving a trial to the new rose, Uncle John, sent out by Peter Reinberg, Chicago, having received 1,000 plants some time ago.



WHY NOT START YOUR FALL BUSINESS RIGHT BY ORDERING A SHIPMENT OF

DAHLIAS

FROM

"The Wholesale Florist of Philadelphia?"

One Hundred Acres of Innumerable Varieties and Colors to select from. Grown by

L. K. PEACOCK,
OF ATCO, N. J.

SAMUEL S. PENNOCK

RIBBONS AND SUPPLIES

The Wholesale FLORIST of Philadelphia

PACIFIC COAST.

ROSE GROWING.

There is no reason why California should not supply a large percentage of the hundreds of thousands of roses that are planted, both under glass and out doors. We have the advantage of a long growing season; in fact, some varieties grow and bloom here all through the year. Our soil cannot be improved on to produce a good healthy growth and as we have several months of dry weather in the summer season the plants naturally become dormant, so that there is little if any pruning required to put them in shape for replanting in the greenhouse and keeping them in cellars until they can be planted in the open ground in the early spring. I have imported many varieties during the past thirty years, both from the eastern states and Europe, and I have invariably found that the three and four-year-old stock is inferior both in size and growth to that raised here in a single season. I refer to grafted plants as well as to those grown on their own roots. I looked over a few acres of budded stock this week and noted the height of some of our best selling sorts. American Beauty, one-year buds averaged thirty to thirty-six inches in height, Ulrich Brunner, thirty-six to forty-eight inches; Bridesmaid, twenty to twenty-four inches; Bride, twenty to twenty-four inches; Kaiserin, twenty-four to thirty inches; Testout, twenty-four to thirty inches; Carnot, thirty inches, and Gloire Lyonnaise, forty-eight inches. A. Richardson, Crimson Rambler, Reine Marie Henriette, Gloire de Dijon, Climbing Devoniensis and Rene d'Or, the average height was from five to seven feet for a year's growth, with heavy stem and plenty of roots to match.

This I consider about as large as it is advisable or profitable to handle under any consideration and yet that is the usual size we grow roses in California and, keep in mind, entirely without irrigation. We give them plenty of cultivation throughout the summer and by the middle of September they have reached the sizes I have just given and they are dormant enough to handle without danger.

I have written especially thus far of budded stock and will now devote a few words to roses grown on their own roots. All the big rose growers in California prefer stock that is budded low down on a suitable wild variety. When it is impossible to procure these, roses on their own roots have to fill the bill. For garden planting strong growing kinds are as satisfactory one way as another, but they are not usually the varieties that are used for forcing and I have yet to find a grower who does not prefer low budded stock that has been grown in the nursery to anything that may be coaxed along from one size of pot to another.

I have digressed somewhat from my subject regarding the comparison between California grown roses and those from other localities, but the fact remains that we are able to produce bigger, heavier plants entirely without irrigation in one-third of the time it takes to mature them anywhere else. The advantage in growing roses without artificial watering is that they make heavier branches and more small roots than they do when they are irrigated. In addition, there is no difficulty in drying them off just before digging, generally done here in September, when they are destined for the forcing house, and plants so grown when transplanted into beds in the greenhouse and given plenty of moisture break out immediately and in a few weeks are a mass of young shoots.

Roses easily exhaust the soil and I do not find it advisable to grow them longer than two years on the same piece of land. G.

SAN FRANCISCO.

The Market.

Business has not improved during the past week and some of the florists attribute the trade stagnation to the fact that the city is all on the qui vive for the coming Knights Templar celebration. Whether that be the reason or not I do not know, but certainly the public is not patronizing the stores to any great extent. Flowers, especially asters, are in tremendous supply and they do not move very readily. The bulk of them go to the street venders and the price is away down. The basket men sell a bunch containing a dozen good asters, dahlias or carnations made up with plenty of wild fern for 10 cents, so it is easy to see how the market goes. Some of the stores have put up signs on the windows calling attention to the fact that they have greatly reduced the prices of flowers. This in my judgment is very poor policy, for the few extra cents they take in do not pay for the loss of prestige they suffer with the good people. It may be all right to try to cater to the 10-cent trade, but there is no chance of ever making any money out of such a proposition, as I have found that the class of people who are looking for cheap flowers always patronize the peddlers and only go to the stores when the basket venders are not in their accustomed places.

Roses are scarce and if the stock was better, they would bring more money. All the Beauties I have seen within the past week are poor in flower and color, although the stems and foliage are good. Some few good Brides and Maids are offered. Kaiserin is the best white in market at present and they bring about 50 cents per dozen to the growers. I have visited several of the large growers of roses in this vicinity during the past week and the chances for good stock are very slim for some time to come.

A few good yellow mums are shown in the windows around town. They are selling wholesale at $1.50 to $2.50 per dozen. The public have not seen enough of them yet, however, to make any great demand. It will be several weeks before the outside flowers are offered in quantity. G.

Altoona, Pa.—Chas. W. Eifler has had remarkable success with cauliflower this season.

New Orleans.—Wm. Rehm recently secured the corner at Napoleon and St. Charles avenues and will shortly erect a modern store and show house there. His trip to the St. Louis convention was partly for the purpose of getting ideas as to the best methods of construction.

Pontiac, Ill.—W. J. Miller & Son have about completed a lean-to violet house 6x110 and have laid a cement floor in the packing and work room. They have just benched 4,000 carnations. Roses and chrysanthemums look good. Everything points to good business this fall and winter.

Boston Ferns.

Nice, clean stock, from 2¼-inch pots, $5.00 per 100; 3-inch pots, $8.00 per 100.

Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at $15.00, $20.00 and $25.00 per 100.

Araucaria Excelsa,

5-inch pots, 3 to 4 tiers, 50c each or $5.00 per doz.

Ocean Park Floral Co.

E. J. VAWTER, Pres. OCEAN PARK, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

100,000 EXTRA STRONG

Asparagus Plumosus Nanus

2-inch, $3.50 per 100.

3-inch, $3.50 per 100; $30.00 per 1000.

Cash, Express Prepaid; 250 at 1,000 Rate.

CALIFORNIA CARNATION CO., Loomis, Cal.

Mention The Review when you write.

REES & COMPERE

Post Office Address:

LONG BEACH, CAL., R. F. D. No. 1

The Largest Growers of

FREESIA BULBS

in the United States.

Specialties—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.

From flats, $1.75 per 100; $15.00 per 1000.
Strong 2-in. plants, 2.00 " 20.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

Mention The Review when you write.

Longiflorums.

One of our growers is just ready with a cut of LILIES of EXTRA FINE QUALITY, $1.50 per dozen.

Plenty of "Green Goods." SEND US YOUR ORDERS.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones 1978 and 1977 Central.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.25
12-inch stem	.75
Short stem.....$3.00 to $4.00 per 100.	

	Per 100
Brides and Maids	$2.00 to $5.00
Meteors and Gates	2.00 to 5.00
Liberty	3.00 to 6.00
Kaiserin	3.00 to 8.00
Carnations	1.00 to 1.50
Asters	.50 to 2.00
Valley	2.00 to 4.00
Gladioli .....per doz., 25c to 35c	
Tuberoses, " 35c to 50c	
Auratum lilies, " $1.25 to $1.50	
Longiflorums " 1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns .....per 1000, $1.00	.15
Galax, Green and Bronze, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.75
Smilax.....per doz., $1.25	3.00

Subject to change without notice.

CHICAGO.

The Market.

There has been a slight revival in business this week but there is still much to be desired. Asters continue to weigh down the market although receipts are not quite so heavy as they were. The growers have found that the poor grades hardly bring express charges if, indeed, they are sold at all, and some of them have, therefore, stopped shipping anything except their very best stock. But even this makes a great variety of material and the waste is still large, though as high as $1.50 to $2.00 is paid for some of the best stock; however, $1.00 per hundred buys good asters and in quantity the buyer makes his own price.

There are enough Beauties for all; in fact, prices are a little weak. Good Brides are in active demand for shipping and Maids hardly less so, the average receipts not being up to the quality required. Kaiserin is good property. Liberty is abundant and Chatenay in oversupply. Indoor carnations are not long enough to fetch a price and the outdoor stock is pretty badly used up, so that it is a problem to get stock which will be acceptable to out-of-town customers.

The gladioli do not pile up so badly as a week ago, but are yet abundant. Hydrangeas are offered at low prices. A few sweet peas are still seen. There are plenty of greens. Talk of ferns is that larger quantities than ever will go into cold storage this fall. It is said the Hinsdale people have raised their prices as compared to last year.

Various Notes.

The manufacturers of greenhouse building material all report business for the year as exceeding their expectations. They are still very busy and orders are coming in at a lively rate. Most of the building has been by outside growers, the bulk of local building coming from the vegetable growers north of town.

Wm. Fluegge, Jr., a brother of Fluegge Bros., who have succeeded Wm. Fluegge, Sr., on Lawrence avenue, built a nice range of glass at Morton Grove last season and now has his place in fine shape, growing carnations. He ships his cut to A. L. Randall Co. and his brothers ship to E. C. Amling.

John Mangel has had a nice showing in his window the past week, using Hunt's birch bark baskets in medium sizes, filled with fine, long-stemmed Shasta daisies, with a pale yellow ribbon tied on the handle. They are effective for many purposes.

J. A. Budlong reached Providence, R. I., safely on his annual bicycle trip to visit relatives there.

C. M. Dickinson is expected home from Mt. Clemens in a few days but is not yet wholly freed from rheumatism.

P. J. Hauswirth goes to St. Joe, Mo., tomorrow to attend the annual national meeting of the Red Men.

Peter Reinberg, John Muno, B. F. Weber and Matt Evert have returned from a week's good shooting at Morgan, Minn.

Frank Garland states that he has canceled all of his Dutch bulb orders and will try to live down the name of Little Holland, given his place at Des Plaines because of the number of bulbs forced there in recent years. One season he forced over 300,000 and sales aggregated $5,800, which was little enough, and the last year or two there has been no profit worth mentioning. He now has a big house of mums for which a follow crop will have to be found and intends to try violets. He will still grow Easter lilies and a few French bulbs.

C. E. Morton is expected home from Europe in a few days. His deal with John H. Holden, for the purchase of his Forty-seventh street store, which was all arranged last spring, has not yet been consummated.

Mons Olson, of J. A. Budlong's, is at Kansas City for a few days.

A. L. Randall is now shipping the peach crop from his farm in Michigan, but it isn't a big one, orchards near the lake having suffered badly last winter.

E. F. Winterson Co. is getting in a few baskets of pansies but they sell slowly at $2.00 per 100 bunches.

Weiland & Risch have about 5,000 single-stemmed chrysanthemum plants which have made a wonderful growth.

Poehlmann Bros. Co. are rushing building operations on their new glass.

Last year we had frost September 10.

Visitors: Edward Reid, Philadelphia; E. J. Vawter, Los Angeles, Cal.; J. Calvert, Lake Forest, Ill.; Edwin Eagle, Union Pier, Mich.; J. S. Schleider, Owosso, Mich.; Wm. Rehm and wife, New Orleans.

CORFU, N. Y.—LeRoy E. Adams has bought out Wm. F. Jeffords.

PITTSBURG.

The Market.

The retailers seem glad that August is past and are expecting better business in September, with the returning of city people, and improvement in stock will make increased sale. However, I believe from some things I have heard that this August was as good as any other August.

Various Notes.

Ollie Beet, manager of L. I. Neff's east end store, has gone to California with the Knights Templar.

The Knights of Pythias dedicated their farm and home one day last week and E. C. Ludwig contributed the stock to plant an orchard. As Ernest never does anything by halves, some nurseryman is going to get a good order.

B. L. Elliott, the rose and carnation grower of Cheswick, and his wife, will spend a few weeks on the briny deep. Ben has been making inquiry as to the best thing to anchor your stomach with.

All growers in this section report planting all done and had good weather to do it in. They are now only waiting for winter to harvest their shekels.

We have just heard of a florist who has moved into a store formerly occupied by a real estate man. The sign over the door read: "Pay little and buy lots." He says it is a good sign and has left it up.

J. J. Zimmerman, formerly at L. I. Neff's Braddock store, has opened a new store on Mt. Washington.

W. B. Ague, who runs the big flower stand in the Liberty Market, has just returned from Atlantic City.

Randolph & McClements, in order to make room for their always increasing trade, are going up in the air this time by adding another story to their store, also putting down a cement walk around their property.

The boys at the Pittsburg Cut Flower Co. were buried in asters last week. A heavy demand would have been necessary to clean up this stock.

Paul M. Pierson, of Scarborough, was one of the visitors last week.

B. Eschner, of M. Rice & Co., stopped in this city on his way from St. Louis.

Ed. Reid, of Philadelphia, stopped here on his way west.

Will Flemm, of Breitenstein & Flemm, is away on his vacation. HOO-HOO.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THEODOSIA B. SHEPHERD, Ventura, Cal., has been quite ill this summer.

C. S. CLARK, Wakeman, O., has 2,000 acres in Leaming corn for seed.

VISITED NEW YORK.—David Smith, of Thomas Smith & Sons, Strenrier, Scotland.

ROCKY FORD muskmelon seed from all reports is likely to be plentiful the coming season.

No improvement over last week in the condition of wax podded beans is shown by this week's reports.

THERE seems to be no uneasiness at eastern points as to any serious shortage in green podded beans.

THE early varieties of sweet corn are reported safe from frost, and a fairly good harvest is expected.

THE dwarf varieties of wrinkled peas are about as short as usual at this time and the prices are going up.

REPORTS to hand September 3 indicate that seed crops of sweet corn in Connecticut and New York are very late.

CUCUMBER and sweet corn crops are having suitable weather now and the outlook for a harvest is more favorable.

ONION set harvesting was completed at Chicago by September 10 last year; it will go beyond September 20 this year.

THE later harvest of onion sets at Chicago shows the stock to be quite inferior to that harvested early. This is always the case; a slow growth is not favorable to the onion set, and a late harvest always gives a large percentage of stiff necks.

VISITED CHICAGO:—Otto H. R. Weis, manager David Sachs, Quedlinburg, Germany; J. Comont, representing Jas. Carter, Dunnet & Beal, London, England; S. B. Dicks, representing Cooper, Taber & Co., London, England; E. V. Hallock, Queens, N. Y.

THE Archias Seed Store, Sedalia, Mo., not only makes a good display of seeds and implements at the state fair, but makes the agricultural exhibits a strong advertisement for them by offering a number of premiums for vegetables, etc., grown from their seeds.

HENRY FIELD, Shenandoah, Ia., says that for the season of 1904 his expenditure for newspaper advertising was a trifle over $1,000, and he received over 10,000 direct inquiries. Almost half of them proved to be buyers, and he made direct mail-order sales amounting to over $24,000. This was exclusive of any commission or wholesale business.

SOUTHERN SEED CROPS.

G. B. McVay, president of the Amzi Godden Co., Birmingham, Ala., on September 5 supplies the following report on seed crops that are grown in that section of the United States:

Watermelon is a fairly good crop and deliveries will not be short of seventy-five to ninety per cent.

Egg plant is a big crop and deliveries will be made in full.

White multiplying onions were a short crop and only about twenty-five per cent deliveries were made.

Winter top sets were also an exceedingly short crop and not over twenty-five per cent deliveries were made.

Okra is the principal seed crop grown in this section. The crop looks fine at the present time and unless a heavy frost visits us a full crop will be made, but it requires a full season for this crop, as the period of producing never ceases until about the middle of October. From present prospects we have every reason to believe that full delivery will be made on this item.

PURE SEEDS.

Is it not about time for the American Seed Trade Association, the postal authorities, or some other organization wielding authority, to undertake to put a stop to the fraudulent use of the mails by many of the so-called seedsmen? Farms have been ruined by obnoxious weeds contained in seed purchased from these parties. Many a farmer after taking exceptional pains to prepare his best ground for some supposedly fine grain advertised by such seedsman, discovers that the yield was not as good as he had been feeding his live stock. If the pure food law is doing any good for humanity, may not the same principles be applied to the seed business to benefit the farmers of our country and the good seedsmen?

FRANK B. WHITE.

ORANGE, N. J.

At the regular meeting of the New Jersey Floricultural Society, September 2, the topic of the organization for the gardeners was laid on the table upon motion of Jos. A. Manda. Mr. Manda told the society of his experiences at St. Louis and the ravages of the white aphis upon the maple trees of East Orange was discussed but no remedy suggested. The floral display was a representation of the season's flowers, the awards showing varying degrees of merit, and consisted of gladioli, dahlias, phloxes, delphiniums, asters and verbenas, to which the well-known names of Edward Thomas, Arthur Bodwell, D. Kindsgrab, Peter Duff, Wm. Read, W. J. Bennett, Malcolm MacRorie and John Hayes were appended.

Some fine sprays of Polygonum cuspidatum from the estate of Stuart Hartshorne, grown by Arthur Caparn, occupied the center of the main table. Mr. Caparn showed a well arranged vase of this with delphiniums. Peter Duff's large blooms of the white dahlia, Grand Duke Alexis, were much admired. The group of Cypripedium insigne hybrids from Henry Graves, Edward Thomas, gardener, and the collection of ferns, Scottii, Piersoni and Anna Foster, from William Barr, Arthur Bodwell, gardener, received high praise. Flowers not for competition consisting of gladioli from Stuart Hartshorne, A. Caparn, gardener; carnations from Mrs. H. A. Mandeville, M. MacRorie, gardener, and O. D. Munn, John Hayes, gardener, and asters and verbenas from J. B. Davis were suitably rewarded with the society's certificates.

The judges for the evening were Arthur Caparn, Jos. A. Manda and Edward Thomas.

J. B.-D.

FLORISTS' BULBS

—OR—

HIGHEST QUALITY.

Get our prices before buying elsewhere. . .

E. F. Winterson Co. { E. F. Winterson, John P. Degnan, L. H. Winterson

Established 1894

45-47-49 Wabash Ave., CHICAGO.

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Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,

1408 W. Madison St., CHICAGO.

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Now Ready for Delivery

LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.

W. W. RAWSON & CO., Seedsmen.

12-13 Faneuil Hall Square, BOSTON.

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Paper White Narcissus

Direct from France, best quality and size, measuring 13 cms. and over. In cases of 1400 to 1500 bulbs.

Paper White Totus Albus $7.50 per 1000.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

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Florists' Review

When Writing Advertisers.

D. Landreth Seed Company

BLOOMSDALE SEED FARM

BRISTOL, PA.

WHOLESALE ORDERS SOLICITED

Mention The Review when you write.



Freesia Bulbs!

	100	1000		100	1000
First Size, ⅝-in. and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " ¾-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Thorburn's Bulbs

OUR WHOLESALE

TRADE PRICE-LIST

OF

HIGH CLASS BULBS

AND

CHOICE FLOWER SEEDS

FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

CHRISTMAS

Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price, per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,

The Originator, GRAND VIEW, N. J.

POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

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Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

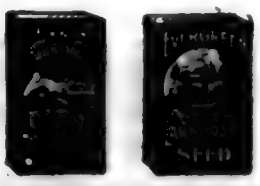
5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

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FRED EHRET,
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Is the center for MAIDS, BRIDES,
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BEAUTIES, CARNATIONS, ETC.
PHILADELPHIA.
GOOD SERVICE GUARANTEED. ESTABLISHED 1890. CORRESPONDENCE INVITED.
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SPACE UNDER BENCHES.

Indirectly I have fallen heir to a number of queries and topics too numerous to reply to, or open on, all at once, so I choose one of the laziest for the present. The subscriber asks: "What is the best disposition to make, in a greenhouse plant, of the room under the benches? Can bulbs, such as tulips, French hyacinths or Paper White narcissi be grown there to advantage?" I don't think that space beneath the benches should be considered wasted because you don't produce a crop there, any more than you should deplore the fact that there is a fine space wasted between the top of your plants on the bench and the glass. Yet there are a number of uses to which to put the space beneath the benches.

Some growers of bulbs put their flats there for a few days when first brought in from outside, but it is not a place to grow them. There would not be heat enough in mid-winter and in March and April, when little heat is needed, these bulbs would all grow weak, lanky, topple over and be largely useless. Bulbs, that is tulips, narcissi, etc., take up little room when you consider that a crop only occupies the bench from fifteen to twenty days. In April or about Easter, when greatly crowded, we often put flats of tulips and narcissi on the ground along the edge of a path and partly beneath the bench, but never before the flowers are about open. They get light there and are too far matured to be harmed.

Beneath a warm, dry bench we lay on their sides after New Year's our stock plants of poinsettia. Lemon verbenas, lantanas and stock fuchsias that have been grown in pots all summer will rest there if not allowed to get too dry, until January or February. Hydrangeas, after a light frost, are brought in and stood along the edge of the path or just beneath the bench in a cool house. Beneath a bench in a carnation house is a most excellent place for storing canna roots. While they are there you are not watering your carnations so copiously that there is enough drip to hurt the roots. We have often stood a few hundred pots of Astilbe Japonica beneath a bench until the foliage started.

Finally, many florists have no shed to store their pots in and, if boards are put down to keep the pots off the earth, under a bench is a good place during winter, but let me say that the man who leaves his pots beneath the bench during summer when there is no fire heat but copious drippings from the bench above, is a friend to the pot maker and an enemy to himself.

Many uses can occasionally and incidentally be made of the space beneath a bench, but I know of no crop that can be cultivated entirely in such a place, except it be Agaricus campestris, and the writer is far more expert at eating than at cultivating mushrooms.

W. S.

BUSTLETON, PA.—James T. Baker has three houses in single violets and is also manager here for the Western Union Telegraph Co.

ST. JOHNSBURY, VT.—James Burns has leased the St. Johnsbury Greenhouses. Mr. Burns was formerly of Orange, N. J., but had for some time been gardener on a private estate at Lindenville, Vt.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A man with $500 or more to invest in nursery and floral business, and take charge of floral part; must be a steady man of good character; location in a thrifty town of 12 000 in north Texas; a splendid opportunity for right man; correspondence solicited. Greenville Nursery and Floral Co., Greenville, Texas.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6 000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

FOR SALE—An elegant greenhouse plant of 12,600 sq. feet of glass; 1¼ acres of land; buildings all recently built; stocked with roses, carnations, chrysanthemums and smilax; good wholesale or retail trade; an excellent opportunity for party with capital. Address No. 18, care Florists' Review, Chicago.

SITUATION WANTED—Energetic young man, 4 years' commercial and retail experience, desires situation in up-to-date general retail establishment. Address box 633, St. Marys, Ohio.

FOR SALE—1,000 feet 4-in. cast pipe, 8c per foot; fittings at 15c each, f.o.b. Chase & Son, New London, Ohio.

WANTED—Position as foreman by American man, age 27; 12 years' experience in roses, carnations and general stock; good designer and propagator; married; no family. Address No. 17, care Florists' Review, Chicago.

WANTED—Young man of good habits for permanent position in retail store; some experience preferred; reference. 3720 Olive Street, St. Louis, Mo.

WANTED—An intelligent, energetic, experienced, practical greenhouse man; permanent and progressive position for interested, vigorous, temperate person; palms, bedding plants, etc., grown. Apply to Superintendent Allegheny Cemetery, Pittsburg, Pa.

FOR SALE — Horizontal tubular hot water boiler in first-class condition; 9 ft.6 in.long,36 inches in diameter; price, with grate bars, front and breeching complete, $90 00; practically new Deane steam pump, $25 00; 12,000 excelsior carnation supports used only one season, 14 inches long, at $6.00 per 1,000; 21 inches long, at $7.00 per 1,000; above prices cash f. o. b. St. Louis, Mo. J. W. Dunford, Clayton, Mo.

SITUATION WANTED—By competent practical grower of cut flowers (single) on up-to-date place; ten years' experience; good service rendered; good wages expected. Address, with particulars, No. 16, care Florists' Review, Chicago.

WANTED—Situation on a private place near Chicago by a good all-around gardener; references. Address No. 15, care Florists' Review, Chicago.

WANTED — First-class experienced rose grower for teas; $60.00 per month; good reference required. Miller & Sons, Bracondale, Toronto, Can.

WANTED—A good rose, carnation and pot-plant man to take charge of 20,000 feet of glass; single German preferred; must be sober and good-will worker; good wages paid. The Newburys, Mitchell, S. D.

FOR SALE—Or rent, greenhouse of 1 300 sq. ft. of glass and 11 acres of land; 5-room house and all outbuildings. Address Box 34, Rogers, Ohio.

WANTED—A partner for commercial place near Chicago; small capital necessary only. Address No. 9, care Florists' Review, Chicago.

FOR RENT—Venen Greenhouses; fairly well stocked; hot water heat; electric light; centrally located; office and salesroom; good increasing trade; fine opening for good florist. Address E. E. Venen, Conneaut, Ohio.

FOR SALE—Or rent, 14,000 feet of glass, with well-established trade, near Indianapolis; all newly planted; best soil in country; $1,000 cash, balance long time; owner wishes to retire. Address No. 11, care Florists' Review, Chicago.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot; also some 4-inch. W. H. Salter, Rochester, N.Y.

WANTED—A good rose and carnation grower; good place for a competent man. Address, with references, No. 10, care Florists' Review, Chicago.

WANTED—A good rose and carnation grower, must be steady and sober. wages $12.00 per week. Write or call on J. F. Ammann, Edwardsville, Ill.

FOR SALE—Three acres; 3 large greenhouses complete new 7-room house; best soil and location; half hour from New York City, on Long Island; terms to suit. John A. Rapelye, Elmhurst, L. I.

FOR SALE—Boiler 40 in. x 14 ft., 3-in. flues and fittings; also florist wagon. Mrs. Aug. Marx, 1317 N. Michigan Avenue, Saginaw, W. S., Mich.

FOR SALE—Hitchings boiler No. 17. $65. Geo Milne, 14 Lincoln St., Winchester, Mass.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—Cheap, florist ice box, 6 ft. wide, 3 ft. deep, 8 ft. high; 1 large plate glass front door, side door for ice; good keeper. Address Z. D. Blackistone, 14th and H Sts., N. W., Washington, D. C.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for a Swede florist. An excellent opening for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Six greenhouses, good location; sickness cause of sale; reasonable price. Address Anton F. Schramm, 2476 Cherry Street, Toledo, Ohio.

WANTED—Before September 15, a first-class grower of roses and carnations; wages $60.00 per month; place permanent. Address No. 4, care Florists' Review, Chicago.

WANTED—A good second hand boiler capable of heating about 2500 feet of 4-inch pipe warm enough for carnations. Apply, stating particulars, to Morton's Evergreen Lodge, Clarksville, Tenn.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25 900 square feet of glass from 50 to 60 degrees. For further particulars

Address S. J. REUTER, WESTERLY, R. I.

Wanted- A first-class man as grower for wholesale and retail catalogue trade; must have had good experience in growing large quantities of shrubs, roses and herbaceous plants; must also be thoroughly experienced in the Summer propagation of shrubs and roses; a good permanent position and good wages to the right man. Address, giving references,

WAGNER PARK CONSERVATORIES,
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WILD SMILAX IN ALL SIZES

SEE OUR CARNATION CARD ON PAGE 778.

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ASTERS. Write for prices on JOOST, HILL, LAWSON and other field-grown Carnations. **EUGENE BERNHEIMER**

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100,000 Field Carnation Plants

One of our customers, to whom we sent 3000 carnation plants, said: "We compliment you on on the quality of your plants," and ordered 1000 more.

1st size, $7 per 100; 2nd size, $5 per 100.

Lawson, Nelson. Floriana, McKinley, Fair Maid, Morning Glory, Boston Market, Elma, Glacier, Gov. Wolcott, White Bradt, Norway, White Cloud. Prosperity, Bradt, Maceo, Gomez, Crane, Adonis.

Ferns Piersoni, 2¼-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

MUM

time will soon be here. Keep in touch with us on NOVELTIES.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. **ATCO, N. J.**

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Grower of

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Philadelphia, Sept. 7.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
" " Extra	1.50 to 2.00
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.00
" Fancy	1.50
" Novelties	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Asters, Ordinary	.75 to 1.00
" Fancy	1.50 to 2.00
Valley	2.00 to 4.00
Hydrangeas	2.00 to 3.00
Gladiolus	1.50 to 3.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50 to .75
Yellow Daisies	.75 to 1.00
Tuberoses	2.00 to 4.00
Dahlias, Small	.50 to .75
" Medium	1.00 to 1.50

AURORA, ILL.—Peter Freeman has torn down and rebuilt his plant this season, enlarging his glass considerably, and now has a model plant.

Dagger and Fancy FERNS.



A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention. L. D. Telephone 2618 Main.

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WHOLESALE FLORIST.

Everything Seasonable in **CUT FLOWERS**

WRITE FOR PRICES ON FIELD-GROWN CARNATIONS.

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Store closes at 8:00 p. m. Long Distance Phone.

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From Grower to **DEALER**

Brides, Maids, Meteors, Short Beauties, and Sprengeri. Other goods later.

PRICES LOW. GOODS HIGH.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

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Pandanus Veitchii.

Exceptionally fine plants; sturdy and vigorous, 6-inch pots, 15 to 18 inches high above pot; $1.00 each, $12.00 per dozen.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

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BOUVARDIAS.

Red, White, Pink, strong, field-grown plants, $1.25 a dozen, $8.00 a 100.

CHARLES E. MEEHAN,

Musgrove and Slocum Sts., GERMANTOWN, PA.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

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Mention The Review when you write.

KAISERIN ROSES, ASTERS, CARNATIONS

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., **PITTSBURG, Pa.**

CLASSIFICATION OF DAHLIAS.

At the last meeting of the Newport Horticultural Society a committee was chosen to make rules for the classification of dahlias for their September show. The following is their report:

The classification of dahlias shall be founded on the following rules and descriptions:

1. Cactus.—Rays or florets (petals) about twice as long as they are broad with edges rolled backwards for two-thirds of their length, with a tendency to curve upwards at tips, arrangement loose and free; the floret tips should be entire and not split or toothed, the colors solid or variegated. Involucre bracts narrow and having margins curled back.

Note. Fringed cactus flowers like the above but with tips notched or toothed admissable here.

Types, Lord Roberts and Mrs. Charles Turner; for fringed cactus, Captain Broad.

2. Decorative or Hybrid Cactus.—Rays almost as broad as long, flat or with edges turned upwards, tip with tendency to reflex.

Types, Oban, Nymphaea, Catherine Duer.

3. Show.—Size medium to very large, rays cupped. Colors solid or variegated, with edges or tips darker than the ground color.

Types, Storm King and A. D. Livoni.

4. Fancy.—Similar to the show, but having ground color darker than edge or tip.

Types, Admiral Schley, Frank Smith.

5. Pompon or Bouquet.—Size one to two inches in diameter. Rays cupped as in show and fancy. Colors solid or variegated.

6. Tom Thumb.—Plants very dwarf. Flowers two to three inches in diameter; colors various.

7. Single.—Rays or florets, eight preferred and not recurved at margins; colors solid or variegated.

8. Single Cactus.—Florets long and narrow with edges rolled backwards as in the double cactus, sometimes twisted at the tip, eight florets preferred.

9. Collarette.—Single, with a row of petaloid stamens in the ray of florets.

10. Single Decorative or Hybrid Cactus.—Flowers with single series of rays, preferably eight, which conform in their characteristics to those of the double decorative or hybrid cactus class.

Types, Twentieth Century and Pink Century.

11. Single Tom Thumb.—Plants very dwarf; flowers two to three inches in diameter, colors various.

FINAL RESOLUTIONS.

The following is the report of the committee on final resolutions at the St. Louis convention of the S. A. F., which have heretofore escaped publication:

Whereas, The citizens, and especially the members of the St. Louis Florists' Club, have extended to the Society of American Florists a hearty welcome, and have done everything for our pleasure and comfort and have made our stay in their beautiful city an occasion long to be remembered,

Resolved, That we tender to Hon. Cyrus P. Walbridge our sincere thanks for his hearty and kindly words of welcome.

Resolved, That the thanks of this society be extended to the members of the St. Louis Florists' Club for their untiring efforts in our behalf, and the advancement of our work.

Resolved, That our thanks are especially due to President J. J. Beneke, and to his able assistants who were chairmen of his various committees and did their work so efficiently and cheerfully.

Resolved, That the thanks of this society be tendered to Mr. Charles A. Kuehn, who made our exhibition the great success that marked it.

Resolved, That our thanks are due to Miss Perle Fulmer for her entertaining selection of vocal music, and to the others who assisted in making the president's reception a pleasant and memorable one.

Resolved, That our thanks are due to the able and interesting essayists, and also to the horticultural visitors from abroad whose addresses were so much appreciated. And to the ladies of St. Louis who managed the entertainment in connection with the trolley ride, we express our grateful appreciation.

Resolved, That we acknowledge with thanks the cordial invitation of the Lewis Publishing Company to visit their place and partake of their hospitality, and of the Anheuser-Busch Brewing Company for similar courtesies extended.

Resolved, That we are especially grateful to Director William Trelease and the trustees of the Missouri Botanic Gardens for their generosity and hospitable reception so kindly tendered the Society of American Florists.

Signed: G. L. GRANT,
J. L. DILLON,
J. F. SULLIVAN,
Committee.

Dongola, Ill.—Martin Benson is installing a new boiler.

Owosso, Mich.—John S. Schleider has bought material for four 100-foot houses on the Dietsch short-span patent.

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30 West 28th Street,
Phone 551 Madison Square. NEW YORK.
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS — Important — Special advantages for you this season. Write or see us.
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Write, Wire or Phone the Introducers.
CALDWELL THE WOODSMAN CO.,
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☞ NEW CROP Southern Wild Smilax now ready in limited quantities.
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WHOLESALE FLORISTS,
Receivers and Shippers of Cut Flowers. Consignments Solicited.
Tel. 3559 Madison Sq. 54 W. 28th St., New York.
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Wholesale Cut Flower Prices.

Buffalo, Sept. 7.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.20 to 2.00
Gladiolus	.50 to 2.50
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.15 to .20

Philadelphia, Pa.—Building permits have been granted Wm. Evans to build a greenhouse 22x40 at Fishers lane and Courtland street, and G. Anderson to build a house 175 feet long at 5230 Woodland avenue.

The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. Valentine,
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THE FLORISTS' MANUAL
By William Scott.
A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

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53 W. 28th St., NEW YORK
Tel. No. 1214 Madison Square
Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.
Specialties: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.
Galax Leaves, Green, $1.00 per 1000, $7.50 per case of 10,000.
Galax Leaves, Bronze, Medium, $6.00 per case; large $6.50 per case. 10,000 in a case.
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George Cotsonas & Co.
Wholesale and Retail Dealers in all kinds of
EVERGREENS
FANCY and DAGGER FERNS, Brown and Green GALAX.
55 West 28th Street, Bet. 6th Ave. and Broadway, New York City.
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☞ October 1st we move to our new and commodious premises,
45 WEST 29TH STREET.
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ROSES High Grade cut blooms at all times
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WHOLESALE FLORISTS,
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Fresh GREEN GALAX
EXTRA FINE. Now ready for shipping by express.
All orders have our personal and prompt attention.
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Mention The Review when you write.

GALAX--GALAX--GALAX

Galax—Bronze or Green	$1.00 per 1000
Ferns—Dagger or Fancy	.75 "
Ivy Leaves—English	5.00 "
Sphagnum Moss	.60 bbl. sack

Wire Designs, Letters, Tin Foil, etc.
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Edward McK. Whiting, Vice-Pres. and Counsel.
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Wholesale Cut Flower Prices.

New York, Sept. 5.

		Per 100
Beauties,	Specials	$12.00 to $20.00
"	Extra	10 00 to 12.00
"	No. 1	4 00 to 6.00
"	Shorts	1.00 to 8.00
Brides and Maids,	Specials	2.00 to 3.00
" "	Extra	1.50 to 2.00
" "	No. 1	1.00 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Mme. Chatenay		1.00 to 4.00
Meteor		1.00 to 3.00
Orchids, Cattleyas		40.00 to 60.00
Carnations,	Common	.25 to .50
"	Selects	.50 to .75
"	Fancies	1 00 to 1 50
"	Novelties	1.50 to 2.00
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri	per bunch,	8.00 to 10.00
Asters		.50 to 1.50
Dahlias		.50 to 2.00
Gladioli		.35 to .75
Lilies		4 00 to 6.00
Lily of the Valley		1.00 to 2.00
Smilax		6.00 to 8.00

SLINGERLANDS, N. Y.—Frederick Goldring is adding another house 18x120.

AURORA, ILL.—Tilton Bros., who have been in the greenhouse business for forty years, have decided to discontinue. Most of their stock has been sold to Joseph Smely.

FRANK H. TRAENDLY. CHARLES SCHENCK.
TRAENDLY & SCHENCK,
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AND CUT FLOWER EXCHANGE,
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Wholesale Cut Flower Prices.

Chicago, Sept. 7.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $5.00	

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 5.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Chatenay	3.00 to 5.00
Carnations	.50 to 1.50
Asters	.50 to 2.00
Shasta Daisies	.50 to 1.00
Tuberoses	1.00 to 2.00
Easter Lilies....per doz.	1.50
Auratums "	1.25 to 1.50
Gladioli	1.00 to 3.00
Dahlias	1.00 to 3.00
Asparagus, Strings	25.00 to 50.00
" Sprays....per bunch,	.25 to .35
Sprengeri "	.25 to .35
Smilax....per doz.	1.25

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Hill	$5.00 per 100.	Portia	$4.00 per 100
Louise	5.00 "	Prosperity	6.00 "
Joost	5.00 "	Lillian Pond	6.00 "
Scott	4.00 "	M. Glory	6.00 "
McGowan	4.00 "	Fair Maid	6.00 "
Melba	5.00 "	Elbon	4.00 "
Crane			5.00 "
Bouvardia (strong field-grown)			8.00 "

Stevia (strong full-grown plants).. $8.00 per 100
Violets, 3-in. (Single California).... 30.00 per 1000
Violets, 3-in. (Dbl. Lady California) 30.00 "
Asparagus Plumosus, 2½ in..... 4.00 per 100
Asparagus Plumosus, 3-in ..... 8.00 "
Adiantum Farleyense, 4-in..... 4.50 per doz.
" Cuneatum, 4-in., $1.25 doz.. 10.00 per 100
Latania Borbonica (good strong plants) 5-inch, $3.00 per doz.

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VALLEY,
Very fine stock in quantity.
BEAUTIES,
We have more of them and they are finer than can be found elsewhere.

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Wholesale Cut Flower Prices.

St. Louis, Sept. 7.

		Per doz.
Beauties,	Specials	$2.00 to $3.00
"	Extra	1.00 to 1.50
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$3.00 to $5.00
" "	Extra	1.50 to 2.50
" "	No. 1	.50 to 1.00
Carnot		4.00 to 5.00
Golden Gate		3.00 to 4.00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 5.00
Meteor		2.00 to 5.00
Carnations, Common		.50 to .75
" Fancies		1.00 to 2.00
Adiantum Cuneatum		1.00 to 1.25
" Farleyense		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.55
Asters		.75 to 2.00
Gladiolus		2.00 to 3.00
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Tuberoses		1.50 to 2.00

Milwaukee, Sept. 7.

		Per 100
Beauties,	Extra	$25.00
"	No. 1	$10.00 to 18.00
"	Shorts	4.00 to 8.00
Bride and Bridesmaid,	No. 1	4.00
" "	No. 2	2.00
Golden Gate		2.00 to 4.00
Kaiserin		2.00 to 5.00
Liberty		2.00 to 6.00
Mme. Chatenay		2.00 to 5.00
Meteors		2.00 to 5.00
Carnations		.75 to 1.00
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	35.00 to 50.00
" "	Sprays	3.00 to 4.00
" Sprengeri	"	3.00 to 4.00
Asters		.50 to 1.00
Gladiolus		.75 to 2.00
Lilium Auratum		1.00 to 1.50
Lily of the Valley		2.00 to 4.00
Smilax		8.00 to 10.00
Sweet Peas		.25 to 40.00

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FANCY FERNS, $1.00 per 1000.
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Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
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1402 Pine Street,
ST. LOUIS, MO.
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Wholesale Cut Flower Prices.

Cincinnati, Sept. 7.

			Per 100
Beauties,	Extra	$15.00 to	$20.00
"	No. 1	10.00 to	12.50
"	Shorts	4.00 to	8.00
Brides and Maids,	Extra		4.00
" "	No. 1		3.00
" "	No. 2		2.00
Golden Gate		2.00 to	4.00
Kaiserin		2.00 to	6.00
Liberty		2.00 to	6.00
Meteor		2.00 to	4.00
Perle		2.00 to	3.00
Sunrise		2.00 to	3.00
Carnations, Common			.50
" Selects		.75 to	1.00
" Fancies		1.50 to	2.00
Adiantum Cuneatum		1.00	
Asparagus Plumosus, Strings		35.00 to	50.00
" " Sprays		4.00 to	5.00
" Sprengeri, "		2.00 to	3.00
Asters		.25 to	1.50
Dahlias		1.50 to	3.00
Gladiolus		2.00 to	3.00
Lilium Longiflorum		8.00 to	12.00
Smilax		10.00 to	12.50
Tuberoses		2.00 to	3.00

Pittsburg, Sept. 7.

			Per 100
Beauties,	Specials	$20.00 to	$25.00
"	Extra	12.00 to	15.00
"	No. 1	6.00 to	10.00
"	Shorts	3.00 to	5.00
Brides and Maids		2.00 to	6.00
Cusin		2.00 to	4.00
Kaiserin		2.00 to	10.00
Liberty		3.00 to	3.00
Mme. Chatenay		2.00 to	4.00
Carnations, Common		.50 to	1.50
Adiantum Cuneatum			1.00
Asparagus Plumosus,	Strings	25.00 to	50.00
" "	Sprays	1.00 to	2.00
" Sprengeri	"	1.00 to	3.00
Asters		.50 to	2.00
Gladiolus		2.00 to	4.00
Lily of the Valley			4.00
Smilax		10.00 to	12.00

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SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.
Telegraph, Telephone or Write us.
Mention The Review when you write.

Orders for **Chicago and Vicinity**

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A. LANGE,

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HARDY CUT FERNS

Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

CARNATIONS.

Strong field-grown. All first size. Free from disease.

Enchantress.....$8.00 per 100

The following at $6.00 per 100:

Mrs. Lawson, Glacier, Avondale, Gaiety, Norway, Mrs. Joost, White Cloud, Flora Hill, Harlowarden.

Double Sweet Alyssum

to plant with Carnations.

Bushy, out-door grown plants from 2¼-inch pots, $3.00 per 100.

Nathan Smith & Son,

ADRIAN, - Mich.

Extra strong and healthy CARNATION PLANTS. Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$6.00	Lawson	$8.00
Market	6.00	Joost	5.00
McGowan	4.00	Estelle	8.00
Lord	6.00	Fenn	5.00
Maid	8.00	Gomez	5.00
Enchantress	8.00	Ad. Cervera	5.00
Nelson	5.00	Prosperity	5.00

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LAWSON....

Strong field plants, not picked over.

$50.00 per 1000.

GEO. J. BALL, BERTEAU AND WESTERN AVENUES

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ROSES. CARNATIONS.

Strong 3-inch stock. Will soon do to cut from.

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Perles, extra fine	5.00	
Joost, Armazindy, very strong	5.00	45.00

BOSTON FERNS—Choice, fresh looking plants, 2¼-inch $4.00, 3-inch $8.00, 4 inch (extra strong, good as 5-inch), $15.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

TARRYTOWN, N. Y.

The monthly meeting of the Tarrytown Horticultural Society was held August 30, President Ballantyne in the chair. Angus Ross, Ossining; H. Shave, Tarrytown, and A. Golding, Irvington, were elected active members. J. G. Raw, E. Lundberg and Hamilton Scott were proposed for membership.

The following prominent horticulturists were invited to act as judges at the November exhibition. John Ash, Pomfret, Conn.; Mr. Jenkins, Lenox, Mass.; Wm. Hastings, Tuxedo; D. Frazer, Pittsburg; C. H. Totty, Madison, N. J., and John Scott, Brooklyn.

After the business was dispatched, the entertainment committee, Wm. Scott and J. W. Smith, were called upon to do their duty in the way of serving refreshments, and for the rest of the evening the members had a most enjoyable time, singing songs, telling stories and discussing the summer outing to Rye Beach, which took place August 17. Over eighty-five members and friends sat down to dinner at the beach. The chief amusements were bowling and shooting, R. White carrying off first prize for being the best shot. The members present seemed to be all of the same mind, that they had a very good time. Prizes for dahlias are offered for the September meeting.

T. A. L.

AMERICAN PEONY SOCIETY.

The following is the full text of the circular of the American Peony Society, briefly referred to in last week's REVIEW:

The American Peony Society at its last meeting in New York agreed to co-operate with the Horticultural Department of Cornell University for the purpose of making a study of all varieties of peonies that it is possible to secure at the present time. This study is to extend over a sufficient period of years to enable the investigators to cover the following objects:

1. Nomenclature.—To bring order out of the confusion which now exists in the naming of varieties. This part of the study will establish correct names by applying rules of nomenclature and will furnish growers with accurate descriptions of all authentic varieties.

2. Botany.—To ascertain the botanical status of each variety. In other words, to refer it to the species from which it appears to have been derived.

3. Cultural.—Careful studies of varieties shall be made in order to determine the commercial values of the different kinds. Such points as vigor, health, floriferous qualities and colors shall be noted. It is also expected that fertilizer experiments designed to influence the size and shipping quality of the flowers shall be included.

The conditions governing the test are as follows:

1. The land, the labor of planting and all subsequent care are provided by the Experiment Station. All notes are taken by the station according to a scheme arranged and co-operated in by the Committee on Nomenclature appointed by the American Peony Society.

2. Plants.—The plants are to be furnished, free of cost, by the American Peony Society, members thereof, or interested growers of peonies. Three plants of each variety shall constitute a test, but the donors may send one or two if more are not available.

3. Final Disposition of the Plants.—At the close of the test, in perhaps four or five years, Cornell University Experiment Station shall be entitled to a complete set of two plants each of all distinct varieties. Each contributor of plants to this test shall be entitled to as many plants of distinct varieties as he originally contributed, provided they are available after the Experiment Station set has been made up. The remaining plants shall become the property of the American Peony Society.

4. Publicity.—The results of the study shall be published in bulletin form by the Experiment Station. All members of the American Peony Society shall be entitled to a copy of each publication, and 100 copies of each shall be deposited with the secretary of the American Peony Society for the use of members of this organization.

Those who intend aiding in this important co-operative experiment should send their collections to the Horticultural Department, Cornell University, Ithaca, N. Y., about September 15. Plants should be carefully packed, labelled and accompanied by a list of varieties with number of plants of each kind forwarded. It would be well in forwarding the plants to notify Secretary Fewkes as well as the chairman of the committee on Nomenclature.

The committee in charge consists of John Craig, Horticultural Department Cornell University, Ithaca, N. Y., chairman; C. J. Malloy (Ellwanger & Barry), Rochester, N. Y.; John A. Charlton, Rochester, N. Y.; J. F. Rosenfield, West Point, Neb.; A. H. Fewkes, secretary American Peony Society, Newton Highlands, Mass.

AMERICAN CARNATION SOCIETY.

A meeting of the board of directors was held in the Exposition building, St. Louis, August 18. President James Hartshorne presided.

The first order of business was the adoption of the premium list. After considerable discussion the list was adopted as per last year's schedule, excepting the display of single blooms, which was eliminated, all agreeing that it did not add to the appearance of the show and was of no educational value.

An offer by H. Weber & Sons, Oakland, Md., of cash prizes for Genevieve Lord, Gov. Lowndes and Norway was received and accepted. The president, secretary and all members of the society were recommended to solicit special premiums and forward particulars to the secretary as soon as practical and not later than October 1.

It was unanimously approved that the premium list be printed and mailed on or about November 1, that it be printed complete, advertisements included, and a second copy mailed on or about January 1, 1905, so that advertisers receive a double circulation and the members be kept reminded of the valuable premiums offered.

Papers offered by President Hartshorne, and approved by the board, are as follows: "Carnation Diseases," by Prof. Hasselbring, of the University of Chicago, Chicago; "Carnations From a Retailer's Point of View," by Geo. Weinhoeber, of Chicago, this paper to be illustrated with the practical demonstration of effects possible with carnations; "Exhibition Carnations," by Fred Lemon, Richmond, Ind., illustrating methods of cutting, packing and staging; "Cutting, Packing and Shipping Carnations for Long and Short Distance Shipments," illustrated by practical demonstration, by C. L. Washburn, Chicago.

President Hartshorne advised the board that the sixth floor of the Auditorium Hotel had been secured as an exhibition and meeting room. It is a large, finely arranged hall with mosaic floor, admitting of the application of moisture to help keep the atmosphere in good shape for the flowers. It is well ventilated and almost ideal for the showing and keeping of carnations. Meeting rooms are at the end of the hall on the same floor. He added that there is every reason to look for this as the banner meeting of the society and recommended that every member make his arrangements to come and bring a few new members.

There being no further business before the meeting, it was declared adjourned to meet in Chicago the last Wednesday of January, 1905.

ALBERT M. HERR, Sec'y.

LENOX, MASS.—The contract for the new greenhouses to be built at Greenville Winthrop's country place has been awarded to the Pierson-Sefton Co., of Jersey City.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

FALL planting is to be preferred for all hardy roses.

WE should be glad to hear from anyone who has found an effective method of combatting black spot on roses.

THE Golden Glow rudbeckia has been so largely planted in the last few years that many nurserymen now find the call for it declining.

THE wholesale demand for peonies is reported considerably less than last season, with retail business showing a nice increase, both east and west.

MANY nurserymen now make their most determined effort for orders for fall planting, feeling that routine methods will bring all the business they can handle in the brief spring season.

ROBERT H. BLAIR, a prominent nurseryman of Kansas City, died August 28 at the home of his nephew, George H. Johnson, 1004 Forest avenue, of a nervous trouble. Mr. Blair was one of the original owners of the Lee's Summit nurseries. He was 67 years ald and a native of Pennsylvania.

THE bulk of California deciduous fruits are grown in the Sacramento valley. Shipments from there to eastern markets to date have been 3,330 carloads, including pears 1,400 cars, plums 990, peaches 475, cherries 209. The total is considerably less than last year, there being a heavy falling off in peach shipments.

Rocky Mountain
TREE SEEDS

WE ARE COLLECTORS OF

Picea Pungens (Colorado Blue Spruce),
Abies Douglasii (Douglas Spruce),
Pinus Ponderosa (Yellow Pine),
Picea Engelmanni (Purple Spruce),
Silver Cedar.
Concolor (Black Balsam),
Juniperus Monosperma.
Also Aquilegia Coerulea (Rocky Mountain Columbine).

Will be pleased to quote the trade.

Bartelдes & Co., Denver, Colo
1521 15th STREET.

Mention The Review when you write.

PETERSON NURSERY,
LINCOLN and PETERSON AVENUES, CHICAGO.
PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book**, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Informations.

Mention The Review when you write.

CALIFORNIA PRIVET

400,000, 1 year,	2 to 4	branches,	12 to 18 inches.
300,000, 2 year,	4 to 8,	"	20 to 24 "
250,000, 2 year,	6 to 10,	"	24 to 36 "
50,000, 2 year,	6 to 12,	"	36 to 48 "
25,000, 3 year,	8 to 12,	"	36 to 48 "

Two and three years. Has been transplanted. Write for Trade List and Prices.

J. H. O'HAGAN, River View Nurseries, Little Silver, N.J.
Mention The Review when you write.

CLEARING OUT
SALE OF NURSERY STOCK

Land taken into the city cause for wanting to sell the entire Nursery Stock in one lot or part. A good bargain to anyone who will buy the entire lot. Stock is all merchantable size.

6,200 Shade Trees—Ranging from 7 to 15 feet, average 12 feet, mainly comprising Sugar and Norway Maples, Linden, Elms, Horse Chestnut, etc.
4,900 Evergreens—Spruce, Arbor-vitae and Retinospora, in variety, ½ to 10 feet high.
5,400 Shrubs—In variety, 1 to 4 feet high.
300 Yucca—Strong, 6-year-old Clumps.
300 Privets—Standards, nice heads, 6-year-olds.
400 " Round Bushes, shorn 6-year-olds.
30,000 " Heavy, for Hedging, 3-year-olds.
100,000 " Strong, for Hedging, 2-year-olds.

SEND FOR LIST

C. RIBSAM & SON, Trenton, N.J.

Mention The Review when you write.

Privet, Silver Maples, Carolina Poplars,
LOMBARDY POPLARS, CATALPA SPECIOSA, VINES, all in surplus.
Also OTHER SHRUBS AND TREES IN LARGE ASSORTMENT.
SHREWSBURY NURSERIES, EATONTOWN, N. J.
SEND FOR WHOLESALE PRICE LIST.

Mention The Review when you write.

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

The Cottage Gardens Company,
INCORPORATED.
Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

Apple Seedlings, Apple Grafts

FOREST TREE SEEDLINGS, GENERAL NURSERY STOCK

WE ARE PREPARED to furnish Nebraska or Kansas-grown Apple Seedlings, and will contract to furnish piece root or whole root grafts in quantities. We issue no retail catalogue, and want replies from nurserymen or planters who buy in large quantities. Wholesale Price List ready Sept. 1. Satisfaction guaranteed.

SHENANDOAH NURSERIES,
D. S. LAKE, Prop. SHENANDOAH, IA.

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POT-GROWN
Strawberry Plants!
CLYDE, GLEN MARY, BUBACH, HAVILAND, SHARPLESS, BRANDYWINE, $2.50 per 100 —— $20.00 per 1000
CASH WITH ORDER.
J. H. RAINSBURY, Bernardsville, N. J.

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FIELD-GROWN

CARNATION PLANTS.

We have the following to offer:

8000 LAWSON,
2000 MORNING GLORY,
5000 GOV. WOLCOTT,
2000 WHITE CLOUD,
2000 NORWAY,
500 PROSPERITY,

5c each

All plants guaranteed first-class and will be shipped from Hinsdale.

Bassett & Washburn

Greenhouses:
HINSDALE, ILL.

STORE:
76-78 Wabash Ave., Chicago.

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STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
LAWSON	"	6.00
ELMA	"	6.00
GOODENOUGH	"	5.00
MACEO	"	5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. No bud on them.

Wolcott, $6.00; Estelle, $6.00; Alba, $5.00; Enchantress, $8.00; Lawson, $6.00; Queen Louise, $5.00; Manley, $5.00; Lord, $5.00; Fenn, $5.00; Lorna, $5.00; Glacier, $5.00; M. Glory, $5.00; America, $5.00; Joost, $5.00; Red Wing, $5.00; Gomez, $5.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.

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Fred Burki

is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA.

S. S. SKIDELSKY, 624 N. 24th St. PHILADELPHIA.

YOU WILL FIND.....ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

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Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
ROOSEVELT	$6.00	$50.00	TRIUMPH	$5.00	$40.00
HARRY PENN	6 00	50.00	FLORA HILL	5.00	40.00
GOV. WOLCOTT	6.00	50.00	PERU	4.00	35.00
CRANE	6.00	50.00	Guardian Angel	3 00	25 00
LAWSON	5.00	40.00	PROSPERITY	6.00	50.00

Satisfactory references required, otherwise shipments are sent C.O.D.

J. A. BUDLONG,

37 and 39 Randolph Street, CHICAGO, ILL.

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Piersoni Ferns

Good Stock. Prompt Shipment. Bargain Prices.

To reduce our stock we are offering the following, strong-rooted runners $2.00 per 100; 2½-inch, $4.00; 3-inch, $6.00; 4-inch, $15.00; 5-inch, $25.00; 6-inch, $35.00; 7-inch, $50.00 per 100.

Also **Bostons** in all sizes, of finest quality. Write for prices.

Violets, **Marie Louise,** strong field-grown plants, $4.00 per 100.

DAVIS BROS., - Geneva, Ill., and Morrison, Ill.

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ROSES

If you are short and need some quick for planting or replacing, write us.

Order **Chinese Primroses** and **Cinerarias** now.

Boston and Piersoni Ferns in all sizes, from 2½-inch to 10-inch.

Sprengeri and Plumosus in 2½-in. to 5-in.

Carnations, Field-grown, Mrs. Joost, Guardian Angel, Mrs. Fisher, Lizzie McGowan, Glacier, Norway, Crane, etc. Write

GEO. A. KUHL,

PEKIN, ILLINOIS.

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FIELD-GROWN

CARNATIONS

EXTRA STRONG, HEALTHY PLANTS

	100	1000
Eldorado	$5.00	$40.00
Queen	7.00	60.00
Boston Market	7.00	60 00
Fair Maid	7.00	60.00
Harlowarden	6.00	50.00

Backer & Co., Billerica, Mass.

Field-Grown

Carnation Plants.

Wolcott, Prosperity, Palmer, Lawson, Bradt, Apollo
$5.00 per 100. $45.00 per 1000.

Flora Hill, Higinbotham, Mary Wood, Joost, Harlowarden, Estelle,
$4.00 per 100.

	Per 1000
3½-in. **Brides and Gates,** excellent stock	$30.00
2½-in. **Maids,** excellent stock	18.00
Stevia, 2½-in.	18.00
Mum's Our Selection	18.00

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PLUMOSUS NANUS, True. $12.00 per 1000; 250 at 1000 rate; $1.50 per 100.

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PLUMOSUS NANUS, 2½-in., ready for benching from open ground, $20.00 per 1000; $2.50 per 100. Prepaid. Cash with order. Large lots, write us.

GILLETT & JAMES,
Yalaha Conservatories, - YALAHA, FLA.

FIELD-GROWN CARNATION PLANTS

White:	Per 100	1000
Bride	$10 00	....
Queen	8 00	$60 00
Boston Market	7.00	60 00
Lillian Pond	6 00	50.00
Peru	6 00	....
Queen Louise	6.00	50.00
Glacier	5 00	....

White:	Per 100	1000
Flora Hill	$5.00	$45.00
McGowan	4.00	35.00
Mrs. Fisher	4.00	35.00
Pink:		
Dorothy	6.00	....
McKinley	6.00	....
Nelson	6.00	....

Pink:	Per 100	1000
Challenger	$5.00	....
Melba	5.00	$40.00
Dean	5 00	40 00
Joost	5.00	40.00
Scott	4.00	....
Morning Glory	5.00	....
Fair Maid	6.00	....

Red:	Per 100	1000
Crane	$6.00	....
Portia	4.00	....
Crimson:		
Harry Fenn	6.00	....
Variegated:		
Prosperity	6 00	$50.00

Well grown, large, bushy plants free from all disease.
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

PIPING AND PUMP.

Will a fifty horse-power steam boiler be sufficient to maintain a night temperature of 50 to 55 degrees in zero weather in three houses 22x150? The houses are twelve feet from floor level to ridge, both gables exposed, three feet wood and the balance glass. The east wall adjoins other greenhouses, but the west wall is exposed, with four feet wood and three feet glass. The houses are connected. The intention is to carry 1½-inch pipes overhead for flows and return in 1¼-inch pipes along the sides of the solid tile beds. How many of these pipes will be required to maintain the above temperature? If the boiler is placed on the level of the greenhouse floor will a steam trap answer to return the water to the boiler or would a steam pump be necessary?

H. L. J.

A fifty horse-power boiler, having proper draught, will carry at least three more such houses. The west house will require fifteen lines of 1¼-inch pipe as returns and three lines of 1½-inch pipes for flows. Each of the other houses will require two flow and eleven return pipes. It would be more satisfactory, however, to use one 3-inch flow pipe in each house instead of two and three lines of 1½-inch.

If the water lever of boiler can be placed at least eight inches below the lowest point in the return pipes, the water can be returned to boiler without either trap or steam pump. If the boiler must be set so that the water level is above the return pipes, the water can be returned to the boiler by means of an automatic steam trap. The working of this trap will require the maintenance of a steam pressure of eight or ten pounds. L. C. C.

ABOUT
2,000 BOSTONS
From bench left, to close at $10.00 per 100; large enough for 4-inch. Good strong runners at $2.00. Now is the time to buy Bostons, as they get established quicker now than they do later. About 1,000 NUTT and 700 LA FAVORITE GERANIUMS left, 2¼-inch, $1.50 per 100.
F. E. BONHAM, 728 E. CALHOUN ST., MACOMB, ILL.

SURPLUS
CROCKER CARNATION PLANTS
4,000 No. 1 Field-grown Plants.
$4.00 per 100—$35.00 per 1,000.
J. W. DUDLEY & SON, PARKERSBURG, W. VA.

FIELD-GROWN
CARNATION PLANTS.
Send for my list of varieties and prices.
SOL GARLAND, Jr., Des Plaines, Ill.
Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Mrs. E. A. Nelson	pink	6c
Enchantress	light pink	10c	Floriana	pink	5c
Chicago	red	6c	Ethel Crocker	pink	5c
Flora Hill		6c	Eldorado	yellow	5c
Lorna		6c	Oriole	scarlet	5c
Harry Fenn		6c	Mermaid	pink	5c
Wm. Scott		5c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.
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NEW SCARLET CARNATION
THE CARDINAL!
AN IMPROVED ESTELLE IN EVERY RESPECT.
Winner of 1st PRIZE, BEST 100 SCARLET, AT DETROIT.
READY JANUARY 1. $12.00 per 100; $100.00 per 1000.
INTRODUCERS { E. G. HILL CO., Richmond, Ind. / S. S. SKIDELSKY, Philadelphia, Pa. / CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

60,000 FIELD-GROWN
CARNATIONS
CLEAN, HEALTHY, STOCKY PLANTS.
Enchantress.....$7.00 to $8.00 per 100
Lawson..... 4.00 to 5.00 per 100

Flora Hill,	Crane,	Guardian Angel,
Morning Glory,	America,	Higinbotham,
Dorothy Whitney,	Apollo,	Roosevelt,
Harlowarden,	Gomez,	Lillian Pond,
Prosperity,	Stella,	Alba,
E. A. Nelson,		Marquis.

Above varieties $4.00 to $5.00 per 100; $35.00 to $45.00 per 1000. Write for prices on large orders.

300 long heavy strings Asparagus plumosus, and 200 long Smilax ready to cut, cheap.
W. H. WATSON,
LAPEER, MICH.
Mention The Review when you write.

FIELD-GROWN
CARNATION PLANTS.
8000 Queen Louise...$5.00 per 100; $45.00 per 1000
2000 Enchantress.... 8.00 " 75.00 "
1000 Norway..... 6.00 per 100
500 Prosperity..... 6.00 "
CASH WITH ORDER.
W. E. HALL, - CLYDE, OHIO.
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FIELD-GROWN
Carnations.
Extra strong, healthy plants.
Queen Louise, Norway, White Cloud, Lorna, Prosperity, Flora Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Ready for immediate shipment. All of the above varieties, $3.00 per 100; $50.00 per 1000.
ORDER NOW.
Price quoted is for first-class selected stock. Can supply cheaper grades if desired.
CHAS. W. McKELLAR,
51 Wabash Avenue, CHICAGO.
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CARNATIONS As good as the best
Lawson, Louise, White Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c. Princess of Wales Violet Plants—Large clumps, 5c. Asparagus Sprengeri—From 2c to 6c. Roses—Gates, Ivory and Brides, 2c.
W. W. COLES, Kokomo, Ind.
Mention The Review when you write.

CARNATIONS.
STRONG FIELD PLANTS.
12,000 LAWSON.....per 1000, $50.00
10,000 WHITE CLOUD ..... " 45.00
10 000 FLORA HILL..... " 45.00
IMMEDIATE DELIVERY.
WEILAND & RISCH,
59 Wabash Avenue, CHICAGO

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
The Queen	$8.00	$75.00
Lillian Pond	6.00	50 00
Gov. Wolcott	6 00	50.00
Her Majesty	6.00	50 00
Marian	5 00	45 00
Queen Louise	5.00	45.00

White:	Per 100	1000
White Cloud	$5 00	$45.00
Hill	5.00	....
Mary Baker	5.00	....
Pink:		
Enchantress	8.00	70 00
Lawson	6 00	50.00

Pink:	Per 100	1000
Fair Maid	$6.00	$50 00
Floriana	5.00	45.00
Joost	4.00	35 00
Melba	4 00	35 00
Crocker	4.00	35 00
Crane (Red)	6 00	....

Variegated:	Per 100	1000
Prosperity	$6.00	$45.00
Marshall Field	7.00	....
Vesper	8.00	....

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

Mention The Review when you write.

CARNATION PLANTS

FINE, HEALTHY STOCK. NO STEM-ROT.

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	3 50	30 00
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 50	30 00
White Cloud, white	4 00	35 00
Queen Louise, white	5 00	45 00
Peru, white	5 00	45 00
Joost, pink	4 00	35 00
Lord, pink	4 00	35 00

George Reinberg

51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

THE BEST

Is the Cheapest in the End.

52,000 Large, bushy, healthy field-grown Pink Plants.

	Per 100		Per 100
Enchantress	$7.00	Cervera	$ 5.00
The Queen	7.00	Glacier	6.00
Bradt	6.00	Cressbrook	5.00
Queen Louise	5.00	Marshall Field	6.00
Lillian Pond	5.00	May Naylor	6.00
Fair Maid	6.00	Her Majesty	6.00
Floriana	6.00	Dor'thy Whitney	8.00
Boston Market	6.00	Mrs. M.A. Patten	14.00
Goodenough	6.00	White Lawson	14.00

CASH.

C. L. HOWE,

CARNATION SPECIALIST,

DOVER, N. H.

Mention The Review when you write.

Field-Grown Carnations.

Large, Strong, Healthy Plants.

Lawson.....$5.00 per 100; $40.00 per 1000
Flora Hill..... 4.00 " 30.00 "

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.

PETERSON AVE., NEAR ROBEY ST.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Indianapolis

See what Others Think of it

TESTIMONIAL.

BUFFALO, N. Y., April 21, 1904.
Messrs. BAUR & SMITH, Indianapolis, Ind.

GENTLEMEN: — The dozen plants of Indianapolis Carnation sent to me for trial last Summer received unfortunately poor care and were starved in three-inch pots till the end of August, when they were put on the bench. They quickly recovered and by Christmas gave us some splendid flowers. I consider its habit perfect. It is all flowers and a splendid stem. There surely will be a widespread demand for this fine pink variety.

Very truly yours,
WILLIAM SCOTT.

We have about 5000 fine Field-Grown Plants to sell this Fall at **$12** per 100; **$100** per 1000. First come, first served.

BAUR & SMITH,

330 W. 38th Street, INDIANAPOLIS, IND.

Mention The Review when you write.

FIELD-GROWN CARNATIONS!

RELIABLE STOCK.

Lady Bountiful.....**$12.00 per 100**

Harlowarden, Palmer } **$50.00 per 1000**

Norway, Guardian Angel, Joost, Morning Glory, Melba, Scott, Genevieve Lord, Higinbotham, Marshall Field } **$40.00 per 1000**

Less lots 1c higher. Cash with order.

PERCY JONES, Flower Growers' Market.
60 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$4 00	$35 00
PERU	6 00	50 00
NORWAY	5 00	40 00
QUEEN LOUISE	5 00	40 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	5 00	45 00
GUARDIAN ANGEL	4 00	35 00
McKINLEY	6 00	50 00
Light Pink:		
MRS. HIGINBOTHAM	4 00	35 00
Red:		
CHICAGO	6 00	50 00
MRS. INE	4 00	35 00
ESTELLE	6 00	50 00
Maroon:		
ROOSEVELT	6 00	50 00
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

Rose Plants

Strong stock, from 2½-inch pots.

LOW PRICES TO CLOSE OUT

UNCLE JOHN

THE FINEST PINK ROSE yet introduced, BEAUTIFUL COLOR, FREE BLOOMER, BEST MONEY MAKER.

$20 per 100; **$150** per 1000.

	Per 100	Per 1000
GOLDEN GATE	$2 50	$20 00
3-inch pots:		
CHATENAY	5 00	40 00
BRIDESMAID	3 50	30 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

SOCIETY OF AMERICAN FLORISTS.

New Plants.

Introducers of new plants of any class during the season of 1904 are invited to send lists thereof to this office that credit may be given and due record made in the annual report for the year, now in preparation.

Department of Plant Registration.

Vaughan's Seed Store, Chicago, submits for registration new sweet peas, as follows: Bridesmaid, a selection from Katherine Tracy, exactly like it except in color, which is a bright, deep pink; Flora Morton, very bright blue, quite different from Countess of Radnor and kindred varieties, being a brighter blue and clearer color; Evening Star, pale buff, flushed with salmon pink, an open form of Venus; Nymphæa, pink and white flowers on the same stalk, usually four flowers to a stem; Speckled Beauty, primrose, with a heavy dusting of pink all over the flower; Sunrise, bright pink suffused with primrose, a new color in sweet peas; Sunset, primrose, heavily striped with bright rose; Mrs. George Higginson, Jr., delicate light blue, showing practically no tint of mauve; Florence Fraser, an improved Blanche Ferry, height six to seven feet, stems twelve to fourteen inches long, very stout, strong grower and free, early bloomer.

Wm. J. Stewart, Sec'y.

CATALOGUES RECEIVED.

W. W. Barnard & Co., Chicago, bulbs, seeds and supplies; H. S. Adams, Jamaica Plain, Mass., bulbs; Weeber & Don, New York, bulbs; Nanz & Neuner, Louisville, Ky., bulbs and plants; C. S. Harrison, York, Neb., peonies, etc.

Erie, Pa.—The Robb Floral Co. has succeeded to the business of Clark & Robb.

Carnation Plants Field-Grown.

Ready for immediate shipment.

	Per 100
New Daybreak	$12 00
Reliance	12.00
Genevieve Lord, grand stock	6.00
Enchantress, fine, second size	6.00
Norway	6.00
Gov. Lowndes, fine, second size	6.00
Enquirer	6.00
Harlowarden, second size	6 00
Marshall Field	6.00
Fragrance	6 00
Lillian Pond	6.00
Pres. McKinley	6 00
Sybil	6.00
Mrs. Theo. Roosevelt	5.00

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

EXTRA FINE, FIELD-GROWN

CARNATIONS

Queen Louise, $5.00 per 100.
Norway, - - 4.00 "
Cash with order.

Central Greenhouses, Sandusky, Ohio.

Mention The Review when you write.

CARNATIONS Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, Govanstown, Baltimore County, Md.

Mention The Review when you write.

FOR THE FALL TRADE. See Wholesale List "No. 5" for complete list of FORCING STOCK and DECORATIVE PLANTS.

	Per 100
ASPARAGUS PLUMOSUS ROBUSTUS	$4.00
ASPARAGUS PLUMOSUS " SPRENGERI	3.00
PTERIS TREMULA	2.50
" ARGYRAEA	2.50
SMALL FERNS for DISHES, full list of best dwarf varieties $25 00 per 1000.	3.00
SMALL PALMS for CENTER PLANTS to Dishes—(2½-inch pots, 6 to 8 inches high)—	
Areca Lutescens	6.00
Kentia Belmoreana	8.00

ARAUCARIA EXCELSA at 50c, 60c, 75c, $1.00, $1.50 each.
BOSTON FERNS from bench—
4-inch pot size .....15c each
5-inch pot size .....25c "
6-inch pot size .....35c "
KENTIAS—Belmoreana and Forsteriana.
LATANIA BORBONICA.
CYCAS REVOLUTA.
Full range of sizes.
In grand condition.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Hardy Pompon Chrysanthemums, Small flowering or Button var....$2.00 per 100.

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, Mme. Conover, Jean Viaud, Granville (single), &c., $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00,	40c	$1.00
Hibiscus, 5 varieties		3.00
Lemon Verbena.....per 1000. $20 00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	2.00
Maranta Messangeana	75c	4 00
Nymphaea Odorata Gigantea	60c	3.50
Plumbago, Blue and White 5-inch		3.00
Smilax.....per 1000, $15.00,		2.00
Swainsona Alba	40c	2.00
" Rosea	40c	2.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

Mention The Review when you write.

A. Plumosus Nanus.

2¼-inch pots, per 100, $2.50; per 1000, $20.00.

JOS. H. CUNNINGHAM, -- DELAWARE, OHIO.

Mention The Review when you write.

TEN THOUSAND

Boston Ferns

From bench, $15.00 and $20.00 per 100.
Clumps of 3 and 4 planted together, extra bushy, $25 00 to $30.00 per 100.

PIERSONI, fine stock, $20.00 and $25.00 per 100.

Anna Foster, true, selected, $15.00 and $20.00 per 100.

FERNS for DISHES, 3-in., extra fine, $5.00 per 100. BOSTONS in pots, from 2½-in. to 12 in., 4c to $4.00 each.

CARL HAGENBURGER,

WEST MENTOR, OHIO.

Mention The Review when you write.

Last Call--Stock Must Be Sold

Boston Ferns—Nice young plants out of 2½-in. pots, $2.75 per 100. Kentia Palms—Cool grown and stocky, 3½-in. pots $12.00 per 100. Coleus—Golden Bedder, Verschaffeltii, and 10 other varieties, 2-in. pots, $2.00 per 100. Stevia—Fine stocky plants 2-in. pots, $2.00 per 100. Smilax—2½-in. pots, $1.75 per 100; $15.00 per 1000.

CASH WITH ORDER, PLEASE.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Cyclamen Giganteum

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 3-in., $3.00 per 100.

Boston Ferns, from bench, large plants, ready for 6-in. pots, $15.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

Always mention the Florists' Review when writing advertisers.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 8 to 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 11 to 13 in. high, 3 to 4 tiers, 60c. 5½-in. pots, bushy plants, 14 to 16 in high, 3 to 4 tiers, 75c. 6-in. pots, bushy plants, 16 to 20 in. high, 4 to 5 tiers, 80c, 90c, $1.00.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch and 4-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c to 20c each.

Kentia Forsteriana and Belmoreana--6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica--Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c to 50c.

Asparagus Plumosus nanus—3-inch, strong, $6 00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5½-in , 25c to 30c.

Piersoni Ferns—Pot-grown, 4 to 6 fronds, $8.00 per 100; 4-in., 25c.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—5½-in. pots, strong, 35c; 6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—Variegated grass, $1.00 per doz.

Primula Chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 per 100.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots.....2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $1.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens.....3.50 each
10-inch pans, fine specimens.....5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3 00 per 100	$ 25.00 per 1000
3 -inch pots	6 00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15 00 per 100	140 00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $35.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Boston Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. Dorchester, Mass.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

	Per 1000
ASPARAGUS SPRENGERI, Good healthy stock, 2¼-in pots	$ 2.00
SMILAX PLANTS, strong bushy stock, in 2½-in. pots	15.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in	2.50

Boston Ferns, both 5 and 6-in., 25c and 35c each.

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

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VIOLETS

Imperial, an improved Marie Louise, from 2-in. pots, $25.00 per 1000; from 3-in. pots, ready in about two weeks, $4.00 per 100; $35.00 per 1000. Lady Campbell, 2-in., $2.00 per 100; 3-in., $35.00 per 1000. Field-grown carnations, write for varieties and prices.

CRABB & HUNTER, Grand Rapids, Mich.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

SEASONABLE STOCK

We have the following in first-class shape. If you are in need of any of these, you cannot do better either in plants or prices.

Asparagus Sprengeri 2½-in. pots, $2.00 per 100; $18 00 per 1000. We have 100,000 of these in fine shape.

Asparagus Plumosus 1¾-inch pots, $2.00 per 100; $18.00 per 1000. This is fine young stuff.

SMILAX—1¾-in. pots, $1.50 per 100; $12.00 per 1000. This is also fine.

Let us have your order at once.

THE GOOD & REESE CO., Springfield, Ohio

THE LARGEST ROSE GROWERS IN THE WORLD.

CARNATIONS

FIELD-GROWN. Nice size to plant.

Enchantress, $10.00 per 100. Gov. Wolcott, $5.00 per 100. Boston Market, $6.00 per 100. Mrs. Lawson, $5.00 per 100; $40.00 per 1000.

BOSTON FERNS—Nice plants, 2½-inch, $4.00 per 100; 3-inch, $7.00 per 100; 4-inch, $15.00 per 100. Wish to rush Ferns out to make room.

PANSIES—Roemer's Superb Prize, plants ready Sept. 20th, at $3.00 and $4.00 per 1000.

S. T. DANLEY, MACOMB, ILL.

Mention The Review when you write.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,

Keap Street Greenhouses, BROOKLYN, N. Y.

ORCHIDS

ARRIVED—In Superb Condition
Large quantities of Cattleyas in variety. Oncidiums in variety, and a fine lot of
ODONTOGLOSSUM CRISPUM.
Write for special list No. 12.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

OUR IMPORTATION OF

Cattleya Labiata

Has reached us in splendid condition. Write for samples. Don't delay.

Cattleya Percivaliana expected daily.

Price list of **Crotons, Dracaenas, Palms, etc.,** sent on application for Fall delivery.

JULIUS ROEHRS,

Exotic Nurseries, RUTHERFORD, N. J.

PALMS.

Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum Farleyense, 4-in., $4.50 doz. A. cuneatum, 4-in., $1.25 doz., $10.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Double sweet alyssum, bushy, outdoor grown, from 2¼-in. pots, $3.00 100.
Nathan Smith & Son, Adrian, Mich.

AQUILEGIAS.

Aquilegia, double mixed, $1.50 per 100.
G. R. Clark, Scranton, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, 3 tiers, 8 to 10 to 11 in. high, 50c; 5½-in., 3 to 4 tiers, 11 to 13 in. high, 60c; 5½-in., 3 to 4 tiers, 14 to 16 in., 75c; 6-in., 4 to 5 tiers, 16 to 20 in., 80c, 90c, $1.00.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

ARDISIAS.

Ardisia crenata, 2-inch, 10c; 3-inch, 25c; 4-inch, 35c each.
Siebrecht & Son, New Rochelle, N. Y.

ASPARAGUS.

Asparagus seedlings from flats, strong, thrifty, ready for 2-in. Plumosus nanus, true, $12.00 1000; $1.50 100. Plumosus, true, $12.00 1000; $1.50 100. 250 at 1000 rate. Plumosus nanus, 2½-in., ready for benching from open ground, $20.00 1000; $2.50 100. Prepaid. Cash.
Yalaha Conservatories, Yalaha, Fla.

First-class stock at bargain prices; 5 per cent discount for cash with order.

	Per 100
Plumosus, Flats	$ 2.00
Plumosus, 2½-in.	2.50
Plumosus, 3-in.	6.00
Plumosus, 5-in.	20.00

No charge for packing.
THE NUNNALLY CO., Atlanta, Ga.

Asparagus Sprengeri, 2½-in., $2.00 100; $18.00 1000. Asparagus plumosus, 1¼-in., $2.00 100; $18.00 1000. This is fine stuff—you can't do better in plants or price.
Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus, well established, 2½-in. pots, $3.00 100; $25.00 1000. Asparagus Sprengeri, good, bushy plants, 2½-in. pots, $2.50 100; $20.00 1000.
National Plant Co., Dayton, Ohio.

Asparagus plumosus nanus, from flats, $1.00 per 100, $10.00 per 1000, prepaid; ready for 4-in., $2.00 per 100; for 5-in., $3.00 per 100; for 6-in., $4.00 per 100.
J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, extra fine, 3-in., $5.00 100; $50.00 1000; 5-in., $10.00 100; $80.00 1000; 5-in., 2-yr.-old, $14.00 100; $120.00 1000. Cash.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 1000. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 1000. Cash with order. John Brod, Niles Center, Ill.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus Sprengeri, 3-in., $3.00; 4 and 5-in., $6.00 per 100, all extra strong. A. plumosus nanus, 3-in., $4.00. Cash.
N. P. Colberg, Morris, Ill.

Asparagus plumosus nanus, 2¼-in. pots, $2.25 100; $20.00 1000. A. Sprengeri, 2¼-in., $1.50 100; $12.50 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, 2-inch, $1.00 100; 2½-inch, bushy, $2.00 100; 3-inch, very strong, $2.50 100. Cash.
F. Walker & Co., New Albany, Ind.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000; 3-in., $3.50 100; $30.00 1000. Express prepaid.
California Carnation Co., Loomis Cal.

Asparagus plumosus nanus out of 2¼-in. pots, $2.50 per 100. Cash. Ask for price on large lots.
J. H. Fiesser, West Hoboken, N. J.

Asparagus plumosus, 2-in. pots, $2.00 per 100. Asparagus Sprengeri, 4-in. pots, $7.00 per 100. Cash.
Seidewitz, 36 W. Lexington St., Baltimore, Md.

Asparagus plumosus nanus, 2½-in., $3.00 per 100; $25.00 per 1,000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus nanus, extra fine, 2½-in., $6.00 100. Cash.
John Doughty, 200 Kimberly Ave., New Haven, Conn.

Asparagus plumosus, nice young stock from thumb pots, $2.50 100; 2½-inch, $5.00 100. Cash. R. S. Brown & Son, Kansas City, Mo.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

5,000 Asparagus Sprengeri plants, choice stock, 4 to 7-inch pots, or exchange for carnation plants. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, about 200 extra fine plants in 3 and 3½-inch pots, 6½c.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

100 4-in. Asparagus plumosus, $10.00; 100 3-in. Sprengeri, $5.00.
I. E. Bailey, Swampscott, Mass.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 3-in., ready to be shifted into 4-in., $2.75; a few 4-in., $7.00.
Robert Buck & Co., Greenfield, O.

Asparagus Sprengeri, strong plants, 2-in. pots, $1.75 per 100, $15.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 2½-in., $4.00 100; 3-in., $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Asparagus Sprengeri seedlings, $1.00 per 100; $7.50 per 1000. Dean Ferris, Peekskill, N. Y.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri and plumosus in 2½ to 5-inch. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 100.
E. Knabe, Frankfort, Ind.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 2-in., $2.50 100.
White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Plumosus, fine strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri from 2c to 6c.
W. W. Coles, Kokomo, Ind.

ASPIDISTRAS.

Aspidistras, green, 4-in., $1.50 doz.; 5-in., $2.50; var., 4-in., $3.00; 5-in., $5.00.
Joseph Heinl & Sons, Jacksonville, Ill.

BAY TREES.

BAY TREES (LAUREL).
The largest and best stock of pyramids and standards. Price list on application.
De Smet Bros., Nurserymen, Ghent, Belgium.

BEGONIAS.

Lorraine begonias, clean, healthy stock, from 2-in., will make fine 4-in. stock for Xmas, $10.00 100. Cash.
John Doughty, 198-200 Kimberly Ave., New Haven, Conn.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Rex begonia (Robert George), 40c per doz., $2.00 per 100. Bertha McGregor, 50c per doz., $3.00 per 100.
Schmidt & Botley, Springfield, O.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in. pots, $15.00 100; $140.00 1000.
Cottage Gardens Co., Queens, L. I., N. Y.

Begonias, 12 varieties, 2 and 2½-in. pots, 40c doz., $2.50 100.
Harmon & Henderson, Iola, Kan.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Begonias in good assortment, $4.00 100.
R. S. Brown & Son, Kansas City, Mo.

BERRIED PLANTS.

Jerusalem cherries, 2-in., ready for 3s, 40c doz., $1.50 100. Xmas (celestial) peppers, 2¼-in., 40c doz., $2.00 100; 3-in., 75c doz., $5.00 100. Ready for a shift. Fruit setting.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

BOUVARDIAS.

Bouvardias, red, white and pink, strong, field-grown, $1.25 doz., $8.00 100.
C. E. Meehan, Musgrove & Slocum Sts., Germantown, Pa.

Bouvardias, field-grown, $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

BULBS.

	100	1000
NARCISSUS. Paper Whites.		
13x15 cms., case 1400, $12.25	$1.00	$8.00
11x13 cms., French Romans, white.	2.50	22.50
12x15 cms., French Romans, white.	2.75	26.00
LILIUM CANDIDUM.	12	100
St. Joseph's lily, extra size...60	$4.50	$42.00
St. Joseph's lily, 1st size.....75	5.00	47.00
LILIUM HARRISII. Semper Idem.		
5x 7 inch	$3.25	$30.00
6x 7 inch	4.25	40.00
7x 9 inch	7.50	72.00
9x11 inch, doz., $2.00	15.00	.....

H. H. Berger & Co., 47 Barclay St., N. Y.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Lilium longiflorum—Bermuda.

Inch.	Case.	100	1000
5 to 7	400	$3.50	$30.00
7 to 9	200	7.00	60.00

Lilium Harrisii—True.

Inch.	Case.	100	1000
5 to 7	400	$4.50	$40.00
7 to 9	200	8.50	80.00
9 to 11	100	18.00	175.00

Full line of fall bulbs. Quality is my first consideration. Send for catalogue—just issued.
A. T. Boddington, 342 W. 14th St., N. Y.

	12	100	1000
Narcissi paper white grand. 13—15 centi., case 1500	20c	$1.25	$10.00
Hyacinths French Roman white 12—15 centi., case 2000	50c	2.75	26.00
Freesia refracta alba. ⅜—½-inch	12c	.50	3.50
½—¾-inch, large fl.	15c	.75	5.50

Dutch bulbs ready. Send for new bulb list.
Johnson & Stokes, 217-219 Market St., Phila.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

Calla bulbs now ready; they are dug when well ripened and cured in the shade up to fine grade. From 1¼ to 1½ to 2 inches in diameter. State amount and size wanted. Will send samples and price reasonable.
Ed. Wagner, 3rd & Madison Sts., Oakland, Cal.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

JUST NOW we have in stock, Harrisii, candidum, callas, freesias, French Romans, paper whites. Dutch bulbs will arrive very soon. When you want good bulb stock from the best growers, try
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Poet's narcissus, large, dbl. white, grandiflora; home-grown, acclimated blooming bulbs, the best flower grown next to peonies for Decoration day, $1.00 per 100; $7.50 per 1000.
F. A. Baller, Bloomington, Ill.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Paper white narcissi Totus albus, 13 cms. and over, case 1400 to 1500 bulbs, $7.50 1000.
N. Le Page, Mt. Vernon, N. Y.

Florists' bulbs of highest quality. Get our prices before placing your order.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Write for prices.
John F. Croom & Bro., Magnolia, N. C.

Now ready. Lilium Harrisii, longiflorums, freesias, buttercup oxalis.
W. W. Rawson & Co., Boston, Mass.

Spider Lily bulbs, $10.00 per 1,000. Special price on large lots.
T. K. Godbey, Waldo, Fla.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex.

CARNATIONS.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	5.00	45	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Norway	5.00	40
F. Hill	4.00	35	Q. Louise	5.00	40
Peru	6.00	50	Harlowarden	4.50	40
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Field-grown carnation plants.

	100	1000		100	1000
Bride	$10.00	..	Dorothy	$6.00	..
Queen	8.00	$60	McKinley	6.00	..
B. Market	7.00	60	Nelson	6.00	..
L. Pond	6.00	50	Challenger	5.00	..
Peru	6.00	..	Melba	5.00	$40
Q. Louise	6.00	50	Dean	5.00	40
Glacier	5.00	..	Joost	5.00	40
F. Hill	5.00	45	Scott	4.00	..
McGowan	4.00	35	M. Glory	5.00	..
Mrs. Fisher.	4.00	35	Fair Maid	6.00	..
Crane	6.00	..	Portia	4.00	..
H. Fenn	6.00	..	Prosperity	6.00	50

We guarantee all of the above stock to be in first-class condition.
The Leo Niessen Co., Philadelphia, Pa.

Field-grown plants, clean, healthy, stocky.
Enchantress.....$7.00 to $8.00 per 100
Lawson..... 4.00 to 5.00 per 100

Flora Hill	Crane
Guardian Angel	America
Morning Glory	Apollo
Marquis	Roosevelt
Higinbotham	Gomez
E. A. Nelson	Harlowarden
Dorothy Whitney	Stella
Alba	Pond
Prosperity	

Above varieties, $4.00 to $5.00 per 100, $35.00 to $45.00 per 1000.
W. H. Watson, Lapeer, Mich.

Extra fine field-grown carnations.

	100	1000		100	1000
Harlowarden	$5	$40	Cressbrook	$5	$40
L. Pond	5	40	Indianapolis	10	
Norway	5	40	Avondale	5	
W. Cloud	5	45	Nelson	6	50
F. Hill	5	40	Higinbotham	5	40
Reliance	8	75	Palmer	5	40
Bountiful	12	100	Whitney	6	50
Moonlight	10	75	Prosperity	5	
McKinley	5		H. Fenn	5	40
Fair Maid	6		Tiger	5	40
M. Field	6	50			

Chicago Carnation Co., Joliet, Ill.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson	$6.00	$50
Wolcott	6.00	50	Floriana	5.00	45
Her Maj'ty	6.00	50	Prosperity	6.00	45
Marian	5.00	45	Field	7.00	..
Q. Louise	5.00	45	The Queen	8.00	75
W. Cloud	5.00	45	Hill	5.00	..
Enchant.	8.00	70	Melba	4.00	35
Fair Maid	6.00	50	Crocker	4.00	35
Joost	4.00	35	Crane	6.00	
Mary Baker.	5.00		Vesper	8.00	

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnations. Good strong plants in A No. 1 condition.

	Per 100		Per 100
Joost	$4.00	Wolcott	$5.00
America	4.00	Marquis	5.00
Cressbrook	5.00	Lillian Pond	5.00
Nelson	5.00	White Cloud	4.00
Flora Hill	4.00	Norway	4.00
Roosevelt	5.00	Sunrise	4.00
Daybreak	4.00	Eldorado	4.00
Glacier	5.00		

J. B. HEISS, Dayton, Ohio.

Carnations. Large, bushy field-grown plants.
Per 100:

Enchantress	$7.00	Glacier	$6.00
The Queen	7.00	Cressbrook	5.00
Bradt	6.00	M. Field	6.00
Queen Louise	5.00	May Naylor	6.00
Her Majesty	6.00	D. Whitney	8.00
Mrs. Patten	14.00	White Lawson	14.00
Pond	5.00	Fair Maid	6.00
Floriana	6.00	B. Market	6.00
Goodenough	6.00	Cervera	5.00

C. L. Howe, Dover, N. H.

Field-grown carnations, reliable stock.

	1000		1000
Harlowarden	$50	G. Angel	$40
Higinbotham	40	Norway	40
Marshall Field	40	Joost	40
G. Lord	40	Melba	40
Palmer	50	Scott	40
Morning Glory	40		

Lady Bountiful. $12.00 per 100.
Less lots 1 cent higher. Cash with order.
Percy Jones, 60 Wabash Ave., Chicago.

SURPLUS CARNATIONS.

2000 Q. Louise	250 Wolcott
1000 Lawson	2000 F. Hill
150 W. Cloud	500 Lorna
200 Daybreak	400 Dorothy
100 Apollo	

$5.00 per 100; $45.00 per 1000. Cash with order. Limestone land, no stem-rot. I give my personal attention to packing. U. S., Wells Fargo and American express.
W. SABRANSKY, Kenton, Ohio.

A1 carnations, 10,000 plants, no disease.

	Per 100		Per 100
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

Field-grown carnations. Queen Louise, 1st size, $5.00 per 100; 2nd size, $4.00 per 100. Enchantress, $7.00 per 100. Cash with order.
Leonard Cousins, Jr., Concord Junction, Mass.

10,000 healthy, field-grown carnation plants.
Per 100:

Wolcott	$6.00	Harry Fenn	$5.00
Estelle	6.00	Lorna	5.00
Alba	6.00	Glacier	5.00
Enchantress	8.00	M. Glory	5.00
Lawson	6.00	America	5.00
Q. Louise	5.00	Joost	5.00
Manley	5.00	Red Wave	5.00
Lord	5.00	Gomes	5.00

Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Carnations, field-grown, strong, healthy, free from disease at following low prices, $5.00 per 100, for varieties listed below:

Glacier	Morning Glory
White Cloud	Guardian Angel
Flora Hill	Marquis
Queen Louise	Crane
Ethel Crocker	Armazindy
Mrs. Joost	Bradt
Prosperity	

G. Van Bochove & Bro., Kalamazoo, Mich.

Carnations, field-grown, good stocky plants, free from disease. 1000 Marquis, extra fine; 2000 Hill best all-round white; 500 America, good red, larger than Crane; 500 Gomez, good crimson; 200 Morning Glory; 100 Crane, to close out at $4.00 per 100 or $30.00 per 1000. 500 at 1000 rate, or will exchange some for Asparagus plumosus, Boston ferns, Rex begonia, Dracaena indivisa or Marie Louise violets at market rates. D. P. Smith, Flint, Mich.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$30.00	M. Glory	$4.00	$35.00
Jubilee	3.50	30.00	Peru	4.00	35.00
Bradt	3.50		D'yb'k, w.	4.00	35.00
Glacier	4.00	35.00	Lawson	4.50	42.00

250 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia.
Or, John Murchie, Sharon, Pa.

Field-grown carnations. Per 100:

Hill	$5.00	Louise	$5.00
Joost	5.00	Scott	4.00
McGowan	4.00	Melba	5.00
Portia	4.00	Prosperity	6.00
L. Pond	6.00	M. Glory	6.00
Fair Maid	6.00	Elbon	4.00
Crane	5.00		

Philadelphia Wholesale Flower Market, 1235 Filbert St., Phila.

Carnations, extra strong, stocky plants.

	100		100
Enchantress	$8.00	Nelson	$5.00
Lawson	8.00	Joost	5.00
Q. Louise	6.00	H. Fenn	5.00
B. Market	6.00	Cervera	5.00
Lord	6.00	Gomez	5.00
Prosperity	5.00	McGowan	4.00

Frank H. Kimberly, New Haven, Conn.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink.	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Carnation plants, field-grown. Per 100:

New Daybreak	$12	Harlowarden, 2d	$6
Reliance	12	M. Field	6
Lord	6	Fragrance	6
Enchantress, 2d	6	L. Pond	6
Norway	6	McKinley	6
G. Lowndes, 2d	6	Sybil	6
Enquirer	6	Mrs. Roosevelt	5

H. Weber & Sons, Oakland, Md.

Healthy field-grown carnations.

	100	1000
Flora Hill, extra fine	$3.00	$27.00
Thos. Cartledge, best prolific red.	3.00	27.00
Norway	3.00	27.00
America	3.00	27.00
Joost	3.00	27.00
Tidal Wave	3.00	27.00

Dinstel Bros., 1056 No. 62d Ave., Chicago.

75,000 field-grown, clean, healthy stock.

	100	1000		100	1000
Roosevelt	$6	$50	Triumph	$5	$40
H. Fenn	6	50	F. Hill	5	40
Gov. Wolcott	6	50	Peru	4	35
Crane	6	50	G. Angel	3	25
Lawson	5	40	Prosperity	6	50

Satisfactory reference or C. O. D.
J. A. Budlong, 37-39 Randolph St., Chicago.

20,000 carnations, field-grown; our stock is very fine, large, clean and healthy. Per 100:

Morning Glory	$5	Flora Hill	$5
Apollo, red	6	Mrs. P. Palmer	6
Murphy's white	5	Glacier	6
Lillian Pond	6	America	5
Queen Louise	6	Roosevelt	5
F. Joost	5		

Evenden Bros., Williamsport, Pa.

CARNATIONS—Continued.

Field-grown carnations, healthy and stocky. Per 100:

Prosperity	$4.00	Louise	$5.50
McGowan	5.50	Scott	3.50
Gomez	5.00		

Cash with order.
Can ship the same day order is received.
Jos. H. Black, Son & Co., Hightstown, N. J.

Carnation plants guaranteed No. 1.

	Per 100		Per 100
Enchantress	$8.00	Hill	$5.00
Lawson	6.00	Glacier	5.00
Pond	6.00	Joost	5.00
Queen Louise	5.00	Crane	5.00

Also twenty other varieties. Cash with order. Smith & Gannett, Geneva, N. Y.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	3 50	30	Higinbotham	4.00	35
Hill	3.50	30	W. Cloud	4.00	35
Q. Louise	5.00	45	Peru	5.00	45
Lord	4.00	35	Joost	4.00	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

STRONG FIELD-GROWN CARNATIONS.

	Per 100		Per 100
Lawson	$6.00	Maceo	$5.00
Bradt	6.00	Fair Maid	6.00
Joost	5.00	Scott	3.00
Challenger (very free scarlet)			6.00

J. W. HOWARD, Woburn, Mass.

Fine well-grown carnation plants. Queen Louise, Hill, Crane, $5.00 100. Joost, $4.00 100. 200 Floriana and 200 Dorothy, $5.00 100. McGowan, $25.00 1000. These plants are free from stem-rot and as represented or money will be refunded. Cash with order.
E. C. Marshall, Kennett Square, Pa.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Carnations, strong, healthy, field plants.

	100	1000		100	1000
Joost	$3.00	$25.00	Lawson	$3.50	$34.00
Marquis	3.00	27.50	Glacier	3.50	34.00
Norway	3.50	30.00	Apollo	4.00	
Prosperity	3.50	30.00	Cash.		

W. T. Buckley Plant Co., Springfield, Ill.

Field-grown carnations. Extra strong, healthy plants.

	100	1000		100	1000
Eldorado	$5.00	$40	Queen	$7.00	$60
Bos. Market	7.00	60	Fair Maid	7.00	60
Harlowarden	6.00	50			

Backer & Co., Billerica, Mass.

Field-grown carnations. Our Wolcott plants are exceptionally fine.

	100	1000		100	1000
Wolcott	$6	$55	Joost	$4	$40
McKinley	5	45	Estelle	5	45
Glacier	5	45			

A. C. Canfield, Springfield, Ill.

Field-grown carnations. Flora Hill, Queen Louise, Joost, McKinley, 1sts, $8.00 100; 2ds, $6.00 100. Lawson, 1sts, $10.00 100; 2ds, $8.00 100. Firsts, Enchantress, $12.00; Adonis, $14.00; Estelle, $10.00 100. Cash.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Carnations. 1000 Fair Maid, 400 Wolcott, 100 Crane, 200 Joost, 400 Floriana and 100 Flora Hill, at $5.00 per 100. (Want 100 Bradt and 100 Lawson.) Will exchange for some of the above. Cash with order from unknown parties.
Wilfrid Wheeler, Box 670, Concord, Mass.

Field-grown carnation plants, medium size.

	Per 1000		Per 1000
8,000 Lawson	$35.00	1,000 Norway	$30.00
8,000 Flora Hill	30.00	500 Manley	40.00

If the entire lot is wanted I will make them at $30.00 per 1000. Cash with order.
Peter J. Schumer, Evanston, Ill.

Field-grown carnation plants.

8000 Lawson	2000 Morning Glory
5000 Gov. Wolcott	2000 White Cloud
2000 Norway	500 Prosperity

5 cents each.
All plants guaranteed first-class.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Carnations, strong, healthy stock.

	1000		1000
Harry Fenn	$50.00	Rosalind	$50.00
Lawson	50.00	Servia	40.00
Gov. Wolcott	50.00		

Geo. Milne, 14 Lincoln St., Winchester, Mass.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Lawson	$6.00
Goodenough	5.00	Elma	6.00
Boston Market	6.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Field-grown carnation plants.

	100	1000		100	1000
Q. Louise	$5.00	$45	Norway	$6.00	
Enchantress	8.00	75	Prosperity	6.00	

Cash with order.
W. E. Hall, Clyde, Ohio.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., Lafayette, Ind.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Carnations. 5000 Freedom, a good all-round white, $5.00 per 100; $40.00 per 1000. 3000 Joost, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. Also Lawson, M. Glory, Estelle, Mondell, $6.00 per 100.
C. E. Allen, Brattleboro, Vt.

Field-grown carnations, extra strong. Lawson, Boston Market, Prosperity, Floriana, Glacier, Joost, Gomez, Crane, Morning Glory, Eldorado and Nelson, $5.00 per 100, $40.00 per 1000. Cash.
R. Engelmann & Son, Pittsfield, Mass.

Field-grown carnations, extra strong, healthy plants, $6.00 100; $50.00 1000. Q. Louise, Norway, W. Cloud, Lorna, Prosperity, F. Hill, Lawson, G. Lord, Nelson, G. Angel, Higinbotham.
Chas. W. McKellar, 51 Wabash Ave., Chicago.

Large, healthy field-grown plants of Morning Glory, Joost and Crocker, $4.00 100; $35.00 1000. Good, bushy plants of Lawson, Joost and Crocker from 3 to 4-inch pots, $4.00 100. Cash. G. Hanson, 1025 S. Cameron St., Harrisburg, Pa.

Carnations, strong, field-grown, free from disease. Enchantress, $8.00 100. Mrs. Lawson, Glacier, Avondale, Gaiety, Norway, Mrs. Joost, White Cloud, F. Hill, Harlowarden, $6.00 100. Nathan Smith & Son, Adrian, Mich.

Field-grown carnation plants. 5000 Flora Hill, 1000 Norway, 2000 Maceo left, which we will guarantee and will pay express on the order of 1000 plants at $3.50 per 100 or $50.00 per 1000 for cash. Arlin & Arlin, Clyde, Ohio.

Field-grown carnations, 12,000 Chester County plants, Joost, Queen Louise; Elbon, a fine red by Roney Bros.; Scott, Bondy, Portia, $30.00 per 1000; McGowan, $25.00. Cash with order.
J. H. A. Hutchison, Oxford, Pa.

Field-grown carnations. Large, strong, healthy plants. Lawson, $5.00 100, $40.00 1000; Flora Hill, $4.00 100, $30.00 1000. Cash with order. Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Field-grown carnation plants. Wolcott, Prosperity, Palmer, Lawson, Bradt, Apollo, $5.00 100; $45.00 1000. F. Hill, Higinbotham, Mary Wood, Joost, Harlowarden, Estelle, $4.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

INDIANAPOLIS, the best pink carnation introduced. We shall have about 5000 fine field-grown plants to sell this fall at $12.00 per 100, $100.00 per 1000. First come, first served.
Baur & Smith, 330 W. 38th St., Indianapolis.

Carnations. Healthy plants, free from disease. Enchantress, 8c. Lawson, Estelle, Queen Louise, 6c. Marquis, Scott, Joost, Prosperity, Norway, F. Hill, Lord, Crocker, Glacier, 5c.
D. R. Herron, Olean, N. Y.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $8.00 per 100; $75.00 per 1000. 1000 Gov. Wolcott, $6.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations, surplus stock, fine healthy plants. 500 Joost, 500 Marquis, 500 White Cloud, 500 Guardian Angel at $4.00 per 100. 500 Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

Field-grown carnations, strong stock. Enchantress, $8.00 100; Queen Louise and Genevieve Lord, $5.00 100. Cash. Satisfaction guaranteed or money refunded.
Hugh Chesney, Farmington, Conn.

Surplus field carnations. 400 to 600 Boston Market $5.00 100; 300 Fair Maid, 300 Joost, $4.50 100, strong, bushy; also 75 to 100 Foster. See my violet adv.
Otto H. Bourdy, Lowell, Mass.

Carnations, field-grown. Norway, Marquis, Joost, Roosevelt, M. Glory, Apollo, Estelle, Palmer, Bradt, Higinbotham, Whitney, Alba, Stella, $5.00 100.
Joseph Heinl & Sons, Jacksonville, Ill.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnations, strong field-grown, healthy plants. Enchantress, $8.00 and $6.00 per 100. Lawson and Boston Market, $6.00 and $5.00 per 100. Cash. Chas. H. Green, Spencer, Mass.

Carnations, strong, healthy, field plants, no stem-rot. Prosperity, Joost, Estelle, 1st size, $4.00 per 100; 2d size, $3.00 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Field-grown carnation plants. Enchantress, Lawson, Fair Maid, The Queen, $6.00 per 100; $50.00 per 1000. White Cloud, Murphy's White, Joost, $5.00 per 100; $40.00 per 1000.
H. F. Littlefield, Worcester, Mass.

10,000 field-grown carnations, clean and free from disease. Mrs. Thomas W. Lawson, Gov. Wolcott, Prosperity, Queen Louise, Estelle, Harlowarden, $8.00 100.
THOMAS JONES, Short Hills, N. J.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, 100 plants, $4.50; 1000 plants, $38.00. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Field-grown carnations, strong and healthy, No. 1 stock, Flora Hill, $4.50 100; Queen Louise, Lawson, Prosperity, $5.00 100; Crocker, $3.00 100. Cash.
Farnam P. Caird, 271 River St., Troy, N. Y.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations, healthy, field-grown plants. F. Hill, Her Majesty, Prosperity, Crane, Estelle, Joost, Sybil, Mrs. Roosevelt, $4.00 and $5.00 per 100. Carl Rauth, Springfield, Ill.

Carnations, field-grown, nice size to plant. Enchantress, $10.00 per 100; B. Market, $6.00; Wolcott, $5.00; Lawson, $5.00 100; $40.000 1000. S. T. Danley, Macomb, Ill.

Strong, stocky carnation plants from the field, ready now. Queen, $7.00 100, $65.00 1000; Fair Maid, Prosperity, $5.00 100. Cash.
John Barr, South Natick, Mass.

Carnations. Fine large, healthy plants. 400 Crocker, 100 Joost, 100 Fair Maid, 100 Daybreak, 3c each. 500 Boston Market, 5c.
Riverside Greenhouses, Gardner, Mass.

Carnations, strong field plants, 12,000 Lawson, $50.00 per 1000; 10,000 White Cloud and 10,000 Flora Hill, $45.00 per 1000.
Weiland & Risch, 59 Wabash Ave., Chicago.

Carnations, field-grown. 1000 Guardian Angel, 1000 Joost, 2000 Lord, 2000 Marquis, good stock, $4.00 per 100; $35.00 per 1000.
B. Hasslebring, Flint, Mich.

Carnation plants, strong from field. Harry Fenn, Fair Maid, Boston Market, $6.00 per 100. Maceo, Manley, $5.00 per 100.
R. D. Kimball, Waban, Mass.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

First-class field-grown carnation plants, 500 Fair Maid, 200 Enchantress, 300 Stella, 2000 Queen, $5.00 100, cash.
Geo. E. Buxton, Nashua, N. H.

100,000 field carnation plants. 1st size, $7.00, 2nd size, $5.00 per 100. See display adv. for list of varieties.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

5000 Mrs. Joost carnations. Fine, field-grown, good clean plants, $40.00 per 1000.
Harry F. Evans, Rowlandsville, Station F, Philadelphia, Pa.

Carnation plants, first-class stock.

1000 Norway	$4.00 per 100
2000 Mrs. Ine	4.00 per 100

E. F. Winterson Co., 45 Wabash Ave., Chicago.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

Carnation MOONLIGHT.
Fine plants, $10.00 per 100.
JOHN HARTJE, 3129 No. Illinois St.,
INDIANAPOLIS, IND.

Healthy, field-grown carnations, Joost, Flora Hill and Queen Louise, to close, $5.00 per 100. Cash, please. H. M. Totman, Randolph, Vt.

Carnations. 350 Ethel Crocker, 125 Scott, $5.00 per 100. Fine plants; satisfaction guaranteed. S. M. Harbison, Danville, Ky.

Field-grown carnations, Flora Hill, Peru, White Cloud, Queen Louise, $4.50 100. Lawson, $5.00 100. Scharff Bros., Van Wert, O.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Queen Louise carnations, $5.00 100; $40.00 1000. Cash. Bool Floral Co., Ithaca, N. Y.

Carnations, field-grown. Mrs. Joost, G. Angel, Fisher, McGowan, Glacier, Norway, Crane, etc. Write Geo. A. Kuhl, Pekin, Ill.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need. Geo. Hancock & Son, Muskegon, Mich.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash. California Carnation Co., Loomis, Cal.

Carnations Lawson, Louise, Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c. W. W. Coles, Kokomo, Ind.

Extra fine, field-grown carnations. Queen Louise, $5.00 100; Norway, $4.00. Cash. Central Greenhouses, Sandusky, Ohio.

Gov. Wolcott and Fair Maid, strong and bushy field-grown plants, $6.00 100; $50.00 1000. Henry A. Stevens Co., Dedham, Mass.

Surplus stock. 4000 Crocker No. 1 field-grown plants, $4.00 100; $35.00 1000. J. W. Dudley & Son, Parkersburg, W. Va.

Very near 2000 fine field-grown carnations. Crane and Evanston, for $40.00, cash. Sibley Greenhouses, Sibley Ill.

2000 Norway, $4.00 100; $35.00 1000. 250 Lorna, $4.00 100. Very good stock. Kring Bros., Fairbury, Ill.

Carnations, Joost, Armazindy, very strong, $5.00 100; $45.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Carnations. 1000 Fair Maids and 500 Gov. Wolcott, $5.00 per 100. A. Batley & Son, Maynard, Mass.

1000 carnations, assorted best kinds for $40.00. Last chance. C. P. Nichols, Northfield, Minn.

Field-grown carnations. Write for varieties and prices to Crabb & Hunter, Grand Rapids, Mich.

1000 extra fine Frances Joost carnations, $5.00 per 100. Walter A. Temple, Westboro, Mass.

CHRYSANTHEMUMS.

We find we have to spare the following chrysanthemums, strong, healthy plants, in 2-inch pots, $2.50 100:

1500 Estelle	1500 Geo. S. Kalb
1500 Col. Appleton	1500 Oct. Sunshine
500 Yellow Mayflower	1500 Golden Beauty
500 White Mayflower	1000 Pacific
500 Murdock	500 Yellow Eaton
500 Oakland	

Also 500 Wm. Duckham at $20.00 per 100. WIETOR BROS., 51 Wabash Ave., Chicago.

CHRYSANTHEMUMS suitable to bench for late flowers. Varieties and prices on application. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, small-flowering or button variety; 2¼-in., $2.00 100. R. Vincent, Jr., & Son., White Marsh, Md.

Mums, our selection $18.00 1000. Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias in 2 and 3-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Cinerarias, $2.00 100. Jos. H. Cunningham, Delaware, O.

Send in your order now for a copy of the Florists' Manual.

COLEUS.

Coleus G. Bedder, Verschaffeltii and 10 other var., 2-in., $2.00 100. Cash. Converse Greenhouses, Webster, Mass.

1500 coleus, 2-inch, 75c 100, cash. H. Rossiter, Lexington Ave., Jersey City, N. J.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000. E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs. F. W. O. Schmitz, Prince Bay, N. Y.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00. C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf. Godfrey Aschmann, 1012 Ontario St., Phila.

Cycas revoluta, all sizes in grand condition. Storrs & Harrison Co., Painesville, O.

CYCLAMEN.

Cyclamen persicum splendens giganteum. Finest strain in the world, in four true colors, extra well-grown stock from 3-inch pots, $7.00 per 100; $65.00 per 1000. Satisfaction guaranteed. PAUL MADER, East Stroudsburg, Pa.

Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors. C. Winterich, Defiance, Ohio.

Cyclamen. Best mixed strain, 3-in., $9.00 100; 2½-in., $6.00 100. Cash. John Doughty, Kimberly Ave., New Haven, Conn.

Cyclamen giganteum, fine strain, 4-in. pots, $10.00 per 100. Thaddeus N. Yates & Co., 7356 Germantown Ave., Philadelphia, Pa.

Cyclamen giganteum, large flowering, 4-in., $10.00 100; 5-in., $15.00. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong, 4-in. pots, $10.00 100. G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen gig., mixed, strong 2½-in., $4.00 100. John F. Rupp, Shiremanstown, Pa.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

DAHLIAS.

Dahlias. Half a million pot-roots ready for dispatch from November 1. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogue free. The Horticultural Company, Champion Dahlia Specialists, Cheadle-Hume, Cheshire, England.

DAISIES.

Daisies, double English white and pink, best kinds, large plants, $2.50 per 1000. G. R. Clark, Scranton, Pa.

DELPHINIUMS.

Delphinium formosum, large plants, $6.00 per 100; small plants, $3.00 per 100. G. R. Clark, Scranton, Pa.

DIGITALIS.

Digitalis gloxiniaeflora, $3.00 per 100. G. R. Clark, Scranton, Pa.

DRACÆNAS.

Dracaena indivisa, extra strong plants, 5-inch, $3.00 doz.; 6-inch, $4.00 doz.; 7-inch, $6.00 doz. Siebrecht & Son, New Rochelle, N. Y.

Dracaena indivisa, strong, field-grown plants, ready for 5-inch pots at $7.00 per 100. Jacob Thomann, 838 No. Goodman St., Rochester, N. Y.

Dracaena indivisa, 3-in., extra strong, ready for 4 or 5-in., $5.00 per 100. Cash. N. P. Colberg, Morris, Ill.

FERNS.

BOSTON FERNS.	Each
7-inch, strong plants	$1.00
7-inch, extra strong plants	1.25
8-inch, strong plants	1.50
9-inch, strong plants	2.00
10-inch, strong plants	2.50
12-inch, strong plants	3.00
14-inch, strong plants	4.00

Siebrecht & Son, New Rochelle, N. Y.

10,000 Boston ferns from bench, $15.00 and $20.00 100. Clumps of 3 and 4 planted together, extra bushy, $25.00 and $30.00 100. Piersoni, fine stock, $20.00 and $25.00 100. Anna Foster, true selected, $15.00 and $20.00 100. Ferns for dishes, extra fine 3-in., $5.00 100. Bostons in pots, from 2½-in. to 12-in., 4c to $4.00 each. Carl Hagenburger, West Mentor, Ohio.

FERNS OUR SPECIALTY.

Assorted ferns for jardinieres, good varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

Fresh fern spores gathered from our own stock and guaranteed good, 35c per trade packet; 12 packets for $4.00.

Mention FLORISTS' REVIEW when writing. ANDERSON & CHRISTENSEN, Short Hills, N.J.

SCOTTII, very heavy, 4-in. pot plants, ready for 6-in., $12.00 doz.; $75.00 100. 25 at 100 rate. Strong transplanted runners from bench or 2¼-in., $4.00 doz.; $25.00 100; $200.00 1000. Strong 6-in. pots, $2.00 ea.; 8-in. pans, $3.50 ea.; 10-in. pans, $5.00 ea. John Scott, Keap St., Brooklyn, N. Y.

PIERSON FERNS.	
Strong rooted runners	$3.00 per 100
Strong 2½-in pots	5.00 per 100
Strong 3-inch pots	8.00 per 100
ANNA FOSTER FERNS.	
Strong rooted runners	3.00 per 100

Baur Floral Co., Erie, Pa.

Pteris tremula and P. argyreae, $2.50 100. Small ferns for dishes, full list of best dwarf varieties, $3.00 100; $25.00 1000. Boston ferns from bench, 4-in., 15c; 5-in., 25c; 6-in., 35c. Storrs & Harrison Co., Painesville, O.

Boston ferns, cut from bench, $5.00 100, $40.00 1000, Anna Foster ferns, cut from bench, $5.00 100, $40.00 1000. Larger plants, 25c to 50c each. L. H. Foster, Dorchester, Mass.

FERNS, 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION. F. H. KRAMER, CENTER MARKET, WASHINGTON, D. C.

Ferns for fern dishes, divide into 5 to 8 in all leading sorts, 2¼-in. pots, $3.25 100; 3-in., $6.00 100. Ferns from flats in finest assortment, $1.50 100; $12.00 1000. Fern spores in all leading sorts, sep. or mixed, pkt., 25c. H. H. Berger & Co., 47 Barclay St., N. Y.

Boston ferns, 6-in., 2 ft. high, 18 to 20 fronds, 40c each; 5½-in., 25c to 30c. Piersoni ferns, pot-grown, 4 to 6 fronds, $8.00 100; 4-in., 25c. Ferns for fern dishes, mixed, 2½-in., 4c. Godfrey Aschmann, 1012 Ontario St., Phila.

Japanese fern balls in splendid condition, $9.00 doz. Boston ferns, fine, 50c, 75c, $1.00, $1.50, $2.00 each. Ferns for dishes, $4.00 100; smaller plants, $3.00 100. Cash, please. A. Schultheis, Box 78, College Point, N. Y.

Piersoni ferns, strong rooted runners, $2.00 100; 2½-in., $4.00; 3-in., $6.00; 4-in., $5.00; 5-in., $25.00; 6-in., $35.00; 7-in., $50.00. Bostons in all sizes of finest quality. Write for prices. Davis Bros., Geneva, Ill.

Pierson ferns, 2½-in., 5c; 3-in., 12c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Bostons, 2½-in., 3½c; 3-in., 8c; 6-in., 50c. All grand stock ready for repotting. Cash, please. A. J. Baldwin, Newark, Ohio.

Boston ferns, nice, clean stock, from 2½-in. pots, $5.00 100; 3-in., $8.00. Cut from bench, suitable for 4-in., 5-in. and 6-in. pots, at $15.00, $20.00 and $25.00 100. Ocean Park Floral Co., Ocean Park, Cal.

Piersoni ferns from bench, $4.00 per 100; 2¼-in., $5.00 per 100; 5 and 6-inch, extra fine, ready to shift, $50.00 to $75.00 per 100. 25 at 100 rate. Chas. F. Seitzer, 20-30 Oswego St., Utica, N. Y.

Boston ferns, 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100. Piersoni ferns, 3-in., $10.00; 4-in., $20.00 per 100. Fine stock. S. M. Harbison, Danville, Ky.

Piersoni ferns from bench, 5-in., 25c; 6 and 7-in., 30c; runners, 2c; extra strong, 4c. Boston ferns from bench for 5-in., 10c. Cash. Byer Bros., Chambersburg, Pa.

Boston ferns from bench, ready for 6 and 8-in., 25c each. Anna Foster ferns ready for 8-in., 50c each. I have a large stock. A. B. Campbell, Cochranville, Pa.

Piersoni ferns, 5-in., $6.00 doz.; 6-in., $9.00 doz.; 7-in., $12.00 doz.; extra fine specimens in 18-in. hanging baskets, $7.50 each. J. A. Peterson, Westwood, Cincinnati, O.

Boston and Anna Foster ferns. Extra fine plants from bench, ready for 4 and 5-inch pots, $15.00 per 100. Cash with order. Port Allegany Greenhouses, Port Allegany, Pa.

Fine Bostons, 2½-inch, 4c; 3-inch, 6c; 4-inch, 15c; 5-inch, 25c; 6-inch, 40c; 7-inch, $1.00. Large plants from $1.50 up. John Bader, Troy Hill, Allegheny, Pa.

Piersoni ferns, 2½-in., $10.00 100. Bostons, 2½-in., $6.00, 3-in., $10.00, 4-in., $15.00 100. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, choice, 2½-in., $4.00 100; 3-in., $8.00; 4-in., extra strong, good as 5-in., $15.00 100. W. H. Gullett & Sons, Lincoln, Ill.

50 Boston ferns, 5-inch pots, 25c each; 40, 6-inch pots, 35c each; 20, 8-inch pots, 75c each. Harry T. Miller, Salem, Ohio.

Boston ferns, 4-in., $20.00 100; 6-in., fine, $40.00 100. Piersoni, 6-in. fine, $50.00 100. Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Boston ferns from bench, $10.00, $12.00 and $15.00 per 100. Extra strong stock. Cash. F. E. Bonham, Macomb, Ill.

Boston ferns. We have a fine lot, 2½-in. to 8-in. Write for special prices. J. F. Wilcox, Council Bluffs, Iowa.

40,000 ferns for jardinieres in 2 and 2½-inch pots, ready September 1. Cash. R. G. Hanford, Norwalk, Conn.

Boston ferns, fine, strong, 6-in. plants, cut from bench, at $20.00 per 100. L. Stapp, Rock Island, Ill.

Boston ferns, nice plants, 2½-in., $4.00 100; 3-in., $7.00; 4-in., $15.00. S. T. Danley, Macomb, Ill.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices. Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns from bench, large plants ready for 6-in pots, $15.00 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Boston ferns, nice young plants out of 2½-in. pots, $2.75 100. Cash. Converse Greenhouses, Webster, Mass.

Boston ferns, 4-in., $1.50 doz.; 5-in., $2.50. Cash. Joseph Heinl & Sons, Jacksonville, Ill.

FERNS—Continued.

Boston ferns, both 5 and 6-in., 25c and 35c each. Cash with order.
John Brod, Niles Center, Ill.

Boston and Piersoni ferns in all sizes from 2½ to 10-inch. Write
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, strong 2½-inch pots, $3.00 per 100. C. M. Niuffer, Springfield, Ohio.

Boston ferns for 5 and 6-in. pots, 15c and 20c. Benj. Connell, West Grove, Pa.

Piersoni and other ferns. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Piersoni ferns, $10.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Boston ferns, 6-in., 40c each.
National Plant Co., Dayton, Ohio.

FORGET-ME-NOTS.

Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
Eden Nurseries, Port Allegany, Pa.

FUCHSIAS.

1000 fuchsias, 3½-inch, $2.00 100. Cash.
H. Rossiter, Lexington Ave., Jersey City, N. J.

Fuchsias, good sorts, 2-inch, $2.50 100.
R. S. Brown & Son, Kansas City, Mo.

GENISTAS.

Genistas, 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Send in your order now for a copy of t.. Florists' Manual.

GERANIUMS.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, Mme. Canovers, Jean Viaud, Granville (single), etc., 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, rooted cuttings, fine stock of all the best new and standard sorts. For varieties and prices see display adv. in this issue.
Wm. Bierstadt & Son, Springfield, Ill.

Geraniums, all colors, single and double, 3 to 4-in. pots, $4.00 per 100, less 15% for cash.
J. A. Kepner, Box 3, Harrisburg, Pa.

Geraniums, strong 2½-in. Viaud, Mrs. E. G. Hill, Nutt, Bruanti, $1.50 100; $15.00 1000.
Buckley Plant Co., Springfield, Ill.

We offer 500 geraniums, elegant young stock, in 20 best sorts for $10.00.
The E. G. Hill Co., Richmond, Ind.

Geraniums, 2-inch, good sorts, $2.50, 3-inch, named, $4.00 100. Cash.
R. S. Brown & Son, Kansas City, Mo.

5000 mixed geraniums, best bedding sorts, 2-inch, $1.00 100. Cash.
H. Rossiter, Lexington Ave., Jersey City, N. J.

GLADIOLI.

Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladioli. More than a million bulbs, in 100 named varieties, as well as choice mixed at lowest prices. Inspection of stock invited.
E. Y. Teas, Centerville, Ind.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

HARDY PLANTS.

Hardy plants. Pyrethrum roseum clumps, $3.00 100. Lemon lily, $2.00. Gaillardia grandiflora, $4.00. Stokesia cyanea, $4.00. Shasta daisy, $2.00. Narcissi, mixed, mostly single white, 50c 100, $3.00 1000. Spotted callas, $2.00 100. Myrtle vinca minor, established plants, $2.00 100; $15.00 1000; strong rooted cuttings, $1.00 100; $8.00 1000. Hollyhocks, separate colors, $2.00 100. Pinks, $3.00 100. Sweet williams, dbl. and single, $2.00 100. Funkia variegata, $4.00 100. Tritoma Pfitzeri, $5.00 100. German iris candida, $3.00 100. These are a few sample prices. I have other stock at lowest price to the trade only. Send for list. S. J. Galloway, Eaton, Ohio.

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Privet, silver maples, Carolina poplars, Lombard poplars, Catalpa speciosa, and vines, all in surplus. Also large assortment of other shrubs and trees.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

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Hardy roses, honeysuckles and clematis; also Boston and English ivy. Catalogue free.
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1500 Heliotrope, 2-inch, 75c 100, cash.
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Hibiscus, 5 varieties, 2¼-in., $3.00 100.
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HOLLYHOCKS.

Hollyhocks, double, separate colors, large plants, 8c; small plants, 5c; single, mixed, 2c.
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Hydrangeas, ready October 1, $10.00 per 100.
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White impatiens (Evening Star), strong plants, 2½-in. pots, 50c per doz., $3.00 per 100.
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Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price, only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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Lantanas, 10 var., 2¼-in., 40c doz.; $2.00 100, $7.50 1000.
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The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
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Lily of the valley forcing pips, fine variety.
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English Milltrack mushroom spawn, the product of the best make in England, per brick (1¼ lbs.), 15c, postpaid, 25c; 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; 1000 lbs., $55.00. Special quotations on larger quantities. A treatise on "How to Grow Mushrooms" sent with every order.
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English mushroom spawn. Fresh shipments received each month from the best growers. Prices: 25 lbs., $1.50; 100 lbs., $6.00; 1000 lbs., $55.00. Special price on large lots.
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The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
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Orchids. Complete stock always on hand. Write for list and prices.
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ARECA LUTESCENS.					
8-in.,	44-48	in. high			$3.00
7-in.,	38-44	"			2.50
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6-in.,	34-36	"			1.25
5½-in.,	30-34	"			1.00
5-in.,	26-30	"			.75
KENTIA BELMOREANA.					
7-in.,	5	ft. high,	6-7	leaves	$4.00
7-in.,	4½-5	"	6-7	"	3.50
7-in.,	4-4½	"	6-7	"	3.00
7-in.,	3½-4	"	6-7	"	2.50
7-in.,	3-3½	"	6-7	"	2.00
6-in.,	3-3½	"	6-7	"	1.50

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4,000 Kentia Forsteriana, 3-in. and 4-in. pots, made up plants, 3 in a pot, 16 to 18 inches high, 8 to 10 leaves, 15 to 20c each. Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each. Cocos Weddeliana, 3-in., very strong, $12.00 100. Six plants and up at this rate. Areca lutescens, made up plants, large, 5-in. pots, 3 in a pot, 30c; 5½-in., 50c; 6-in., 80 inches high, 3 in a pot, 75c. Latania borbonica, 5½-in. pots, strong, 35c; 6-in., 50c.
Godfrey Aschmann, 1012 Ontario St., Phila.

Kentia Belmoreana, 3-in., $5.00 100; 5-in., 50c each; 6-in., $1.00 each. Kentia Forsteriana, 7-in., $1.50 each; 7-in., made up, $1.25 each. Latanias, strong 6-in., 30c each; 7-in., special grown, 50c each; 8-in. specimens, 6 to 9 leaves, $1.20 each.
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Small palms, for center plants for dishes, 2½-in. pots, 6 to 8 inches high—Areca lutescens, $6.00 100; Kentia Belmoreana, $8.00 100. Also Kentias Belmoreana and Forsteriana and Latania borbonica in all sizes and grand condition. Storrs & Harrison Co., Painesville, O.

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Palms, Dracaena terminalis, and other decorative plants. Grand stock.
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Kentia palms, cool grown, stocky, 3½-in., $12.00 100. Cash.
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Kentia palms. Large assortment.
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Palms and decorative plants.
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500,000 transplanted pansy plants disposed of last spring giving universal satisfaction. Plants for fall setting ready now. $5.00 1000, cash, by express only.
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Over 200,000 Brown's extra select superb GIANT prize pansy plants, ready for shipment. By mail, 75c per 100; by express, $3.00 per 1000. Cash with order.
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A few hundred thousand of my Florists' International pansies which have been known among the trade for many years; no expense is saved to get the very best and also newest varieties from the best growers here and abroad for this special strain. I want it to build a foundation for my business in my new location as it did in Chicago. Strong seedlings, $5.00 per 1000 by express; 65c 100 by mail. Also giant mixed pansies, a very large flowering mixture in splendid colors, $3.00 per 1000 by express; 45c 100 by mail. Daisies, forget-me-nots, sweet williams and others, same prices as pansies. Cash with order.
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500,000 pansy plants grown from my own seed; fine, stocky field-grown, seed-bed plants, sown thinly.
MY GIANT MARKET
are grown from seed selected from the finest varieties, $2.50 per 1000; $10.00 per 5000. By mail postpaid, 50c per 100.
GIANT STRAIN,
$2.00 per 1000; $8.00 per 5000. By mail postpaid, 40c per 100. Cash with order.
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Giant pansy plants from fine seed, 50c per 100, prepaid; $2.25 per 1000; 5000 for $10.00. Cash. Byer Floral Co., Shippensburg, Pa.

Giant pansies. Finest large-flowering, mixed, strong plants, $3.50 per 1000. Cash.
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Pansies. Roemer's superb prize; plants ready September 20 at $3.00 and $4.00 1000.
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Giant pansies, selects, $2.50 per 1000, $4.50 for 2000. Cash.
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Pansy plants at $5.00 1000; fancy strain, $10.00 1000.
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Peonies in 6 standard kinds, white, blush, rose, variegated, red and crimson; very low to the trade. Write for prices. Peonies in 12 scarce, choice kinds, including Festiva maxima, $2.50 per doz.
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Peonies. More than 100 choice named varieties, as well as a fine mixture, 3½c each and upward. Descriptive list free.
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Peonies, white, $10.00; pink, $8.00; Humei, $7.00; mixed, $6.00 per 100.
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Fine collection of peonies including Festiva maxima. For prices write
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Plumbagos, blue and white, 3-in., $3.00 100.
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Poinsettias. Strong stocky plants, 10 inches high from top of pot, 2½ and 3-in. pots, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate. For large lots prices sent on application with sample. By the 20th of September will have large stock for fern dishes, large pots and jardinieres.
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Poinsettias, strong, stocky plants from 6-in. pots, $20.00 per 100; 8-in. pots, $25 00 per 100; 10-in. pots, $30.00 per 100. Terms cash.
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Poinsettias, 2½-inch, $6.00 per 100; 3-inch, $8.00 per 100. Terms cash. Satisfaction guaranteed. Bentzen Floral Co., St. Louis, Mo.

Poinsettias, 2½-in. pots, right for planting in pans, $5.00 per 100. Cash.
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Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
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Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

Poinsettias, 2½-inch, $4.00 per 100.
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Oriental poppy, $3.00 per 100.
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Primulas obconica grandiflora fimbriata, obconica grandiflora fimbriata violacea, obconica grandiflora hybrida, obconica grandiflora purpurascens, obconica grandiflora rosea, obconica grandiflora Kermesina, obconica grandiflora alba.
The finest colors in the country; strong plants out of 2¼-in. pots, $3.50 per 100. Cash. J. H. Flesser, West Hoboken, N. J.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
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Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Primula chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 100.
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Primulas, obconica grandiflora, alba rosea, Forbesi, 2-inch, 2c. Cash.
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P. obconica grand., alba, rosea, Forbesi, 2-in., 1¾c. Cash. Byer Fl. Co., Shippensburg, Pa.

Chinese primroses, 2-in., 40c doz., $2.00 100.
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Primroses in 2 and 3-in. pots. Write
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100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet.

1 year, 2 to 4	branches,	12 to 18 inches.
2 year, 4 to 8	"	20 to 24 "
2 year, 6 to 10	"	24 to 36 "
2 year, 6 to 12	"	36 to 48 "
3 year, 8 to 12	"	36 to 48 "

Two and three years. Has been transplanted. Write for trade list and prices.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Pyrethrum roseum hybridum, mixed, $1.50 per 100. G. R. Clark, Scranton, Pa.

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Rose plants, strong stock, from 2½-in. UNCLE JOHN, the finest pink rose introduced, $20.00 100, $150.00 1000; Golden Gate, $2.50 100, $20.00 1000.
From 3-in. Chatenay, $5.00 100, $40.00 1000; Bridesmaids, $3.50 100, $30.00 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
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Roses for winter flowering. Extra fine bushy plants. Liberty, Franz Deegen, 3½-in. pots, $18.00 100. Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots, $15.00 100.
Own roots. Beauties, Ivory, La France, 3-in. pots, $7.00 100. Brides, Maids, Perles, G. Gates, 3-in. pots, $5.00 100.
J. L. Dillon, Bloomsburg, Pa.

NEW ROSES, H. T. and forcing.
Oberhofgartner Singer, 50c; $40.00 100; Dr. Troendlin (White Testout), 50c; Konigin Carola, large pink, 50c; Ruhm der Gartenwelt, dark red. $1.00; Etoile de France, bright dark red. $1.25. And all best European novelties. Send for catalogue.
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300 Mme. Cochet roses, 2-yr.-old plants taken from bench, cut back, just the thing for February planting for next summer's blooming, and 100 Kaiserin at 5c each or $15.00 for the whole lot. Harry T. Miller, Salem, Ohio.

Roses. Surplus stock No. 1 strong plants from 3-in. pots: 1250 Golden Gate, 550 Ivory, 400 Bridesmaids, 100 Brides, at $5.00 per 100.
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Strong 3-in. stock. Brides, Maids, Ivory, Gates, $4.00 100; $35.00 1000. Perles, extra fine, $5.00 100.
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Roses, surplus stock. Bridesmaids, Ivory, Gates, Beauties, 3-in., $4.00 per 100; 2½-in., $3.00 per 100.
Stuppy Floral Co., St. Joseph, Mo.

5000 strong 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

3½-in. Brides and Gates, excellent stock, $30.00 1000; 2½-in. Maids, $18.00 1000.
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Bride and Bridesmaid roses, fine forcing stock, 2½-in. pots, $2.50 100; $20.00 1000.
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Roses. Gates, Ivory and Brides, 2c.
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Manetti stocks for fall delivery.
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Ficus elastica, imported and home-grown, 4-in., 25c; 5, 5½ and 6-in., 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c, 50c.
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Variegated ficus, September delivery, $5.00 per doz. Ficus elastica (green), sold out till spring 1905 delivery.
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Rubbers, top layers, 12 to 15-in., $3.00 doz.; 15 to 18-in., $4.00; 18 to 24-in., $5.00.
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Rubbers, 4-in., 25c; 5-in., 35c; top stock, strong. Cash. Byer Bros., Chambersburg, Pa.

40 rubbers, 5-inch pots, top stock, fine, 35c each. Harry T. Miller, Salem, Ohio.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Ficus, 6-in., $40.00 100.
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Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
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1500 Salvias, 2-inch, 75c 100, cash.
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Primulas, finest Chinese grown, mixed, 500 seeds, $1.00; half-pkt., 50c. Cyclamen gig., finest mixed, 200 seeds, $1.00; half pkt., 50c. Cineraria, finest large-flowering, dwf., 1000 seeds, 50c. Daisy, dbl. giants, mixed, 1000 seeds, 25c. Pansy, giant large-flowering, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of giant pansy seed. Cash.
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Sweet peas for Christmas blooming—Zvolanek's Christmas, pink; and Fl. Denzer, pure white. If seed is sown during the first days of Sept. you will have sweet peas for Christmas and all winter. Price: Pkt., 75c; lb., $2.50, postage paid. Genuine only when in my original packets. Orders for less than pkt. not accepted.
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Cineraria grandiflora seed.
Tall, finest mixed, per pkt.....50c
Semi-dwarf, finest mixed, per pkt.....50c
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Pansy seed, superb mixed, ⅛ oz., 75c; per oz., $5.00. Choice mixed, per oz., $2.00.
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Pansy seed, the finest strain in cultivation, far superior to any other English, French or German selections, per oz., $4.00; per pkt., $1.00. Postage paid. Dollar notes accepted in payment.
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Pansies, Mette's Triumph of the Giants, the most perfect and most beautiful in the world, $6.00 per oz.; $1.75 per ¼ oz.; 75c per 1-16 oz. Postage paid. Cash with order.
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Boddington's GIGANTIC CYCLAMEN is unequaled for size and quality of bloom. Separate varieties or mixed, $1.50 per 100 seeds, $12.00 per 1000.
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Rocky Mountain tree seeds. Picea pungens, P. Engelmanni, Abies Douglasii, Pinus ponderosa, silver cedar, concolor, Juniperus monsperma. Write for prices.
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Choice pansy seed, special mixture from named varieties or colors separate if desired. Trade pkt., 25c; ¼ oz., 75c; oz., $2.50.
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Our wholesale trade price list of high-class seeds is now ready. If you have not received a copy, kindly advise us.
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Cyclamen seeds, our well-known strain, $7.00 per 1000.
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Wholesale orders solicited.

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Smilax. Good 6-ft. strings of bright, clean smilax, 10c each, $1.00 doz. Cash. We ship promptly 2 strings by mail, 25c. Try us.
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SMILAX. Strong, 2¼-inch. We have the best stock in the market at $1.25 per 100; $10.00 per 1000.
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Green silkaline. Do not be put off with cheap substitutes.
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Smilax plants, strong, bushy stock in 2½-in. pots, $15.00 per 1000. Cash with order.
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Smilax, extra strong, healthy stock from 2-in., $1.00 100; $9.00 1000. Cash.
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Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100; $9.00 per 1000.
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5,000 Marquis	3.00	27.50
2,000 Norway	3.50	30.00
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15 to 18-inch	4.00 "
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Green Foliage, 4-in. $1.50; 5-in. $2.50 per doz.
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ASPARAGUS PLUMOSUS NANUS

250 at 1000 rate.

3-in. pots, extra fine.	$ 5.00	per 100;	$ 50.00 per 1000
5-in. " " "	10.00	"	80.00 "
5-in. " 2-year-old	14.00	"	120.00 "

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	Firsts.	Seconds.
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Kentia Bel. 6-inch. "	1.00	"	Latanias, special grown, 7-inch, " .50 "
Kentia Forst., 7-inch, "	1.50	"	Latanias, specimens, 8-in., 6 to 9 leaves, 1.20 "

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NEWPORT, R. I.

The Market.

Our florists had a busy August. Roses are selling well, especially American Beauties, which seem every season to grow more in favor. Kaiserins were very good the past few days and in short supply. Liberties are about used up for the present. Gardenias have been in such favor this summer that the supply is all but gone, and they sell on the avenue as high as $9 a dozen for the best. Outdoor stuff is in large supply, but there is only a market for the very best of it; in fact, there is no use trying to sell anything but the very best in this market. Some beautiful gladioli are seen. The favorite decorative dahlia of Newport is Catherine Duer, a most gorgeous crimson red, and everyone wants it for dinner decorations; good flowers sell readily for $3 a dozen. This week the horse show and next week the dog show will keep things going.

Various Notes.

Stewart Ritchie has had a very busy and good season; besides all his bedding stuff which was even more than usual, he has carried on a very large vegetable garden.

Thomas Galvin tells us that he sold entirely out of geraniums, and as he grew something over 20,000 he has reason to feel pleased. At wholesale they brought $8 per hundred. ZERO.

DAVENPORT, IA.—Littig Bros. are in a predicament. Two parties claim title to the building in which their store is located and each demands the rent. They are withholding payment until the courts decide to whom they shall pay.

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Forbesi	2.00
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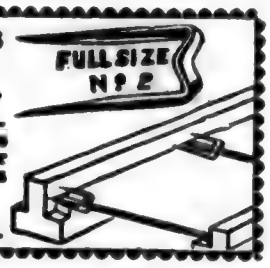
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" No 4	3x5x24....	2.75	"	26.00	"
" No. 5	4x8x23....	3.00	"	28.50	"
" No. 6	4x8x28....	3.75	"	36.00	"
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OCEANIC, N. J.

A very well attended meeting of the Monmouth County Horticultural Society took place September 2. The main business was the discussion of the show to be held November 1 and 2, which promises to be one of the best ever held by this society. The secretary announced several donations as cash prizes. Geo. Hale showed a fine collection of dahlias, twenty-five varieties of show and fancy, for which he received 90 points, and twenty-seven varieties of cactus, for which he got 95. Two light buff seedlings scored 80 points and one shell-pink scored 85. Wm. Turner showed some peaches, Thomas Rivers, grown under glass. This peach is unsurpassed in size, shape and color, and measures ten and three-quarters inches in circumference, but we can say nothing as to its flavor, as our judging did not go that far. The judges of the evening were James Dowlen, W. Kennedy and N. Butterbach. B.

DETROIT, MICH.—George A. Rackham was married Tuesday evening, September 6, to a sister of his first wife, who has been his housekeeper for the past six years. Mr. and Mrs. Rackham are now on a trip along the north shore of Lake Superior.

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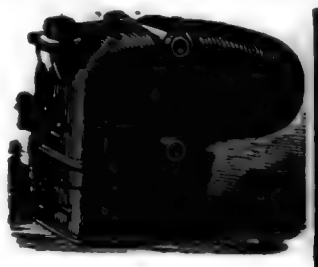
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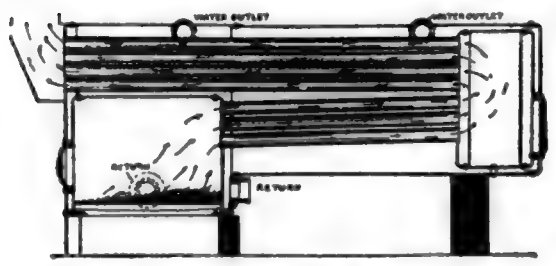
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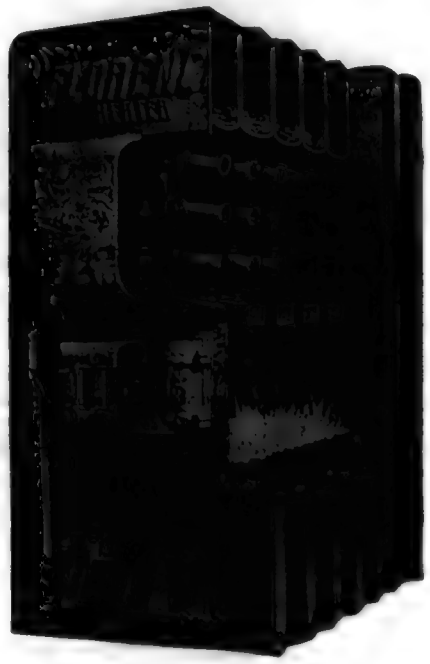
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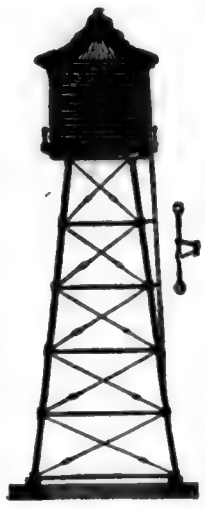
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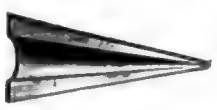
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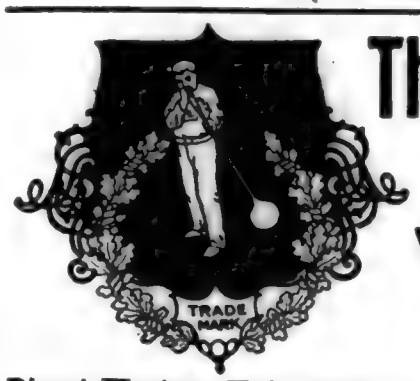
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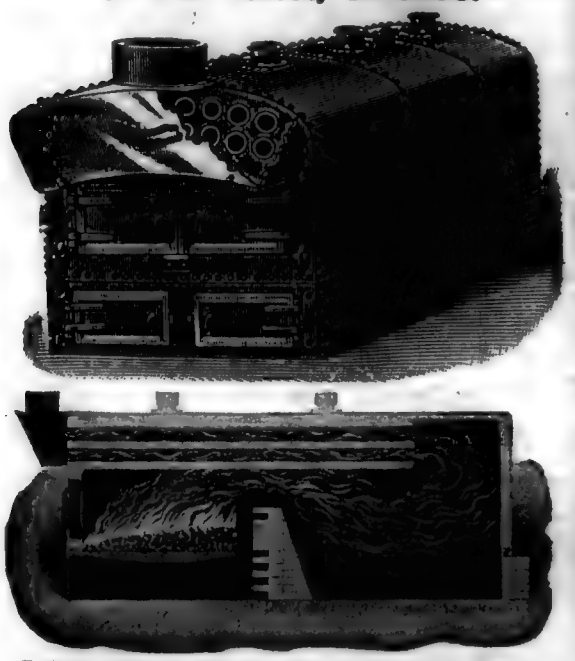
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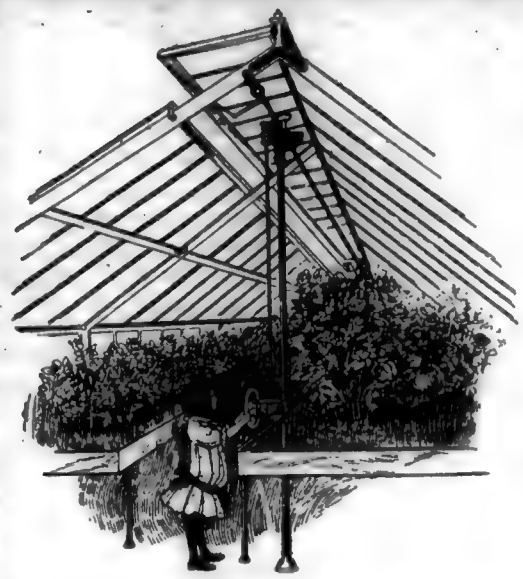
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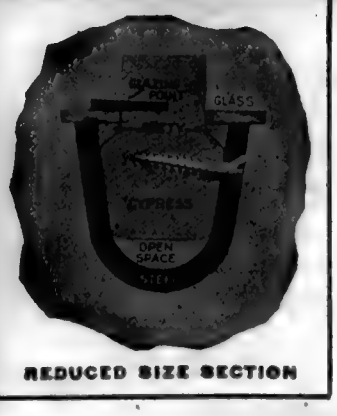
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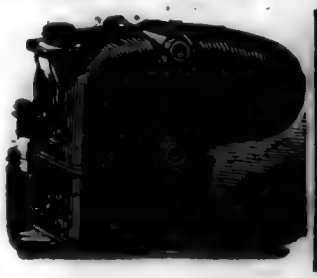
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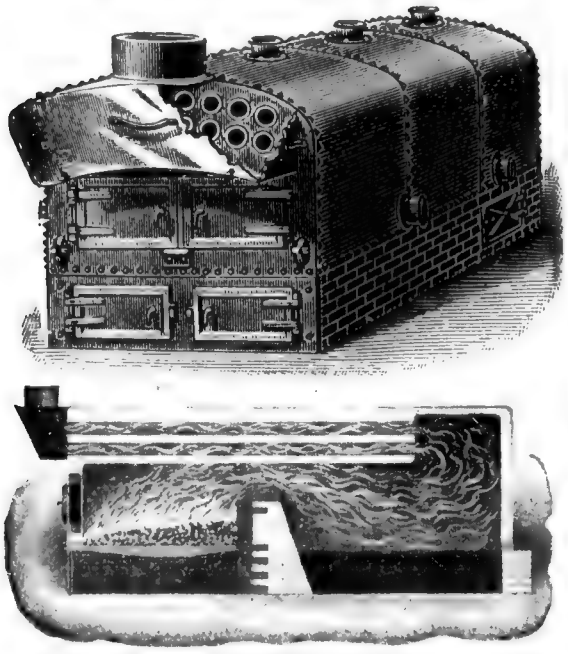
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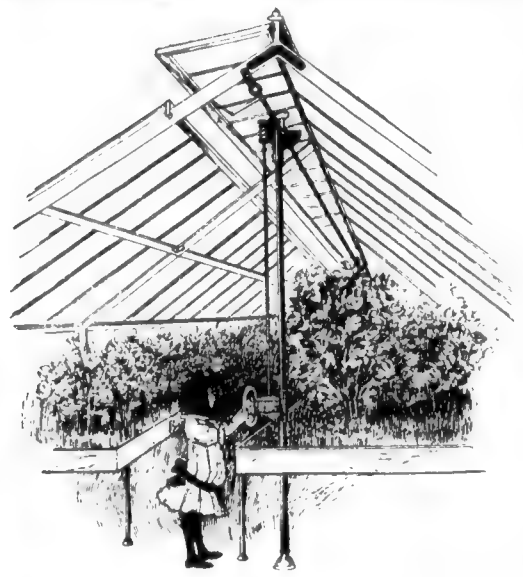
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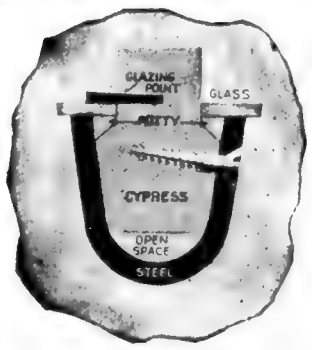
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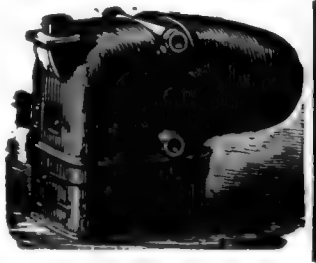
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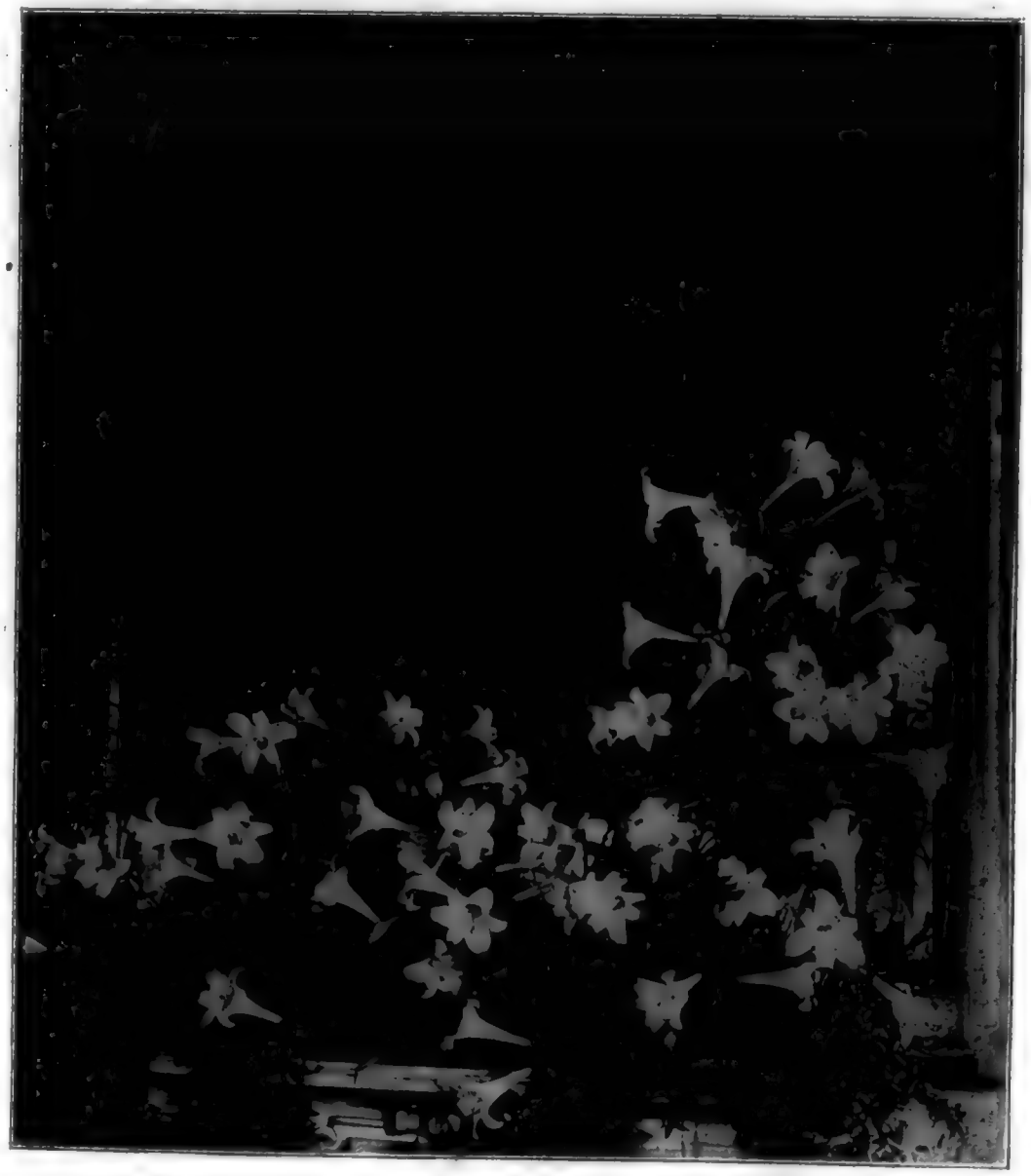
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After all that is said these days as to looseness and naturalness of arrangement, there must be a certain amount of symmetry and unity in every correct decoration. While the outlines of no two petals on the same flower, or on different flowers of the same variety, or the leaflets on the same leaf, or two leaves on the same plant will exactly coincide if one is placed over the other, there is the same general formation observed in both, and a uniformity in general but never in detail. It should be just so in regard to the units or ornament which we manufacture. Make each one a symmetrical unit, but not slavishly so in every detail. I do not know of a better synonym for symmetry in this connection than the term "balance." Let every product have a certain regular appearance to its outline. It is almost permissible to carry this a little farther into the mathematical realm, and say let the outline of a single decorative scheme take the form of a geometrical figure.

In a good window or mirror decoration the approximately regular appearance can be traced easily. In order to illustrate this plainly, take the ordinary form of decoration for a tall, narrow mirror. It has a large, triangular arrangement of plants or cut flowers at the base, and a balancing upper triangle formed of light material, like smilax or Asparagus Sprengeri. These two triangles have a position natural to themselves. If the lower scheme were reversed and that part of the decoration placed on the same side of the mirror as the upper part, the effect would be gaping and awkward.

The same principle of design form may be easily traced in the illustration, the same triangle scheme. As can be readily seen, this also is a mirror decoration.

There should always be some sort of connection between the lines of a decorative scheme, either accomplished or suggested. In this illustration the sprays of smilax from the top appear to be stretching toward the lily stalks. In a few cases they have reached them, but oftener they have failed, and still a larger number have become entangled with each other and their tips have been turned to one side or the other, and on the left side of the mirror frame they are caught in a garland which falls to the base on the left and is thickened by the addition of heavier strings and festooned along the whole front of the mantel shelf and the grate. The drapery scheme almost encircles the lily banking. At the point where the drapery seems to weaken, we have made the strongest point and heaviest part of the lily grouping, thus preserving the balance. Avoiding any abrupt corners, extending several feet from the upper left point of the mirror frame, there was a tapering garland of smilax following the molding and straggling over a picture frame.



A Mirror Decoration of Lilies and Smilax.

This illustration was a part of a December wedding decoration, made as follows: The upper part was of separated smilax fastened in clusters on the back part of the top only. From six to a dozen strings were tied together at the heavy end. Enough of the tie wire was left to wrap around a double-pointed tack which was thus made to serve the purpose of half a dozen tacks and also to serve a good principle in art, namely, to start as many lines from a common source as possible.

For the banking of the mantel with lilies, we used a galvanized pan six inches deep and long enough to about cover the average mantel. It is watertight, painted a dark olive-green on the outside, and filled solidly with sphagnum. The sphagnum was also filled in in places three or four inches above the top of the pan. This filling in irregularly was no accident. It is not desirable to have a bank so that flowers will form a straight line across the mantel. If the flowers happen to be all of about the same length stem, make hills and hollows in your sphagnum filling and thus break the outline of the flower groups. Lay wood ferns over the top of the sphagnum and along the outside edges of the pan, allowing them to droop outward sufficiently to hide the pan. It is not often necessary to wrap the sphagnum in a mantel pan. If, however, the moss is banked up high enough to need it, wrap over the moss and around the pan with hemp twine, much as is done with wire frames. If an extra long mantel is to be decorated, and you desire to use your average size pan, piece out at each end with a fern plant or a flat basket filled with fern leaves stemmed and set in sphagnum. If the mantel is too deep, pull the pan to the front and spread out foliage from the pan backwards. Fifty lilies

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were used on this mantel. On the right side, where the lilies appear so much taller, they were set in a tall vase which was planted firmly in the moss in the pan. This vase was not supposed to show.

The smilax was, of course, put up first. The lower draperies were caught with wire, one end of which was attached to a pick, and this carried into the sphagnum in the pan. The lilies were wired and inserted in groups with all the good foliage left on the stalk. Some were found to be top-heavy, even although well packed into the sphagnum. They were let alone to lean as they would. Turn the flowers every way, in, out and facing the mirror. The mantel here pictured and the molding of the mirror were light in color, and displayed to good advantage the green drapery, while the lilies were nearly all thrown against the reflecting surface of the mirror. There was no banking in the fireplace. This is not necessary unless the latter is unsightly, and even then it will never show when the room becomes crowded.

Gertrude Blair.



SEASON FOR WATCHFULNESS.

September and October are usually two of the most trying months for the rose grower, and to carry the crops successfully over this period requires constant care and a great deal of skill and forethought. The evils which beset the plants at this season are many and owing to the natural propensity to take a rest they are in a less vigorous state to resist the encroachments of the many troubles to which they are heirs.

Owing to this decrease in root activity greater care must be exercised in adjusting the supply of water to suit the actual requirements of the plants and, as evaporation is also on the decrease and any excess of water on the bench will act in a very detrimental manner to the health of the stock, it is obvious that too much care cannot be taken to keep them in condition to enter the long winter without a handicap.

The transition from natural to artificial heat should be very gradual and great care should be taken in watering and ventilating. Where the pipes are under the benches the greatest care is necessary in order to keep the soil uniformly moist. Previous to applying artificial heat the benches are heated from above by the sun's rays and the state of the soil is easily gauged, but with artificial heating this condition is in many cases reversed, the heat affecting the bottom of the soil first, hence the necessity of a more careful inspection.

The art of ventilation plays an important part in preparing rose stock for the winter and if this is neglected or carelessly performed we are sure to have a stock of troubles which will last during the winter. Ventilating should be begun as early in the morning as the temperature begins to rise whether this is caused by the heat of the sun or by artificial heat, and should be gradually increased as the day warms, taking care never to give so much at a time as to lower the temperature of the house perceptibly and avoiding draughts.

The same care should be exercised in reducing the ventilation during the afternoon, taking particular care that the ventilators are not closed down so much at a time as to raise the temperature over 5°, unless in cases of emergency such as a sudden lowering in the outside temperature, accompanied by cold rains or snow, showers, etc. By a careful study of outside conditions the grower can by intelligent manipulation of valves and ventilators (if he has a good command of heat), create conditions inside the houses favorable to his crops at all stages and control those conditions just as he desires.

Ribes.

BEAUTIES AND TEAS.

We have one house 100 feet long, partitioned off. In one half we grow Beauties and in the other half Bridesmaid and Golden Gate. Our Beauties were planted May 7 in five inches of good soil and have attained the height of three and one-half feet and about twelve inches through. As I do not want the flowers for some time yet, please give me some advice as to disbudding and general care. Two of our benches in the other house are two-year-old plants and the other two one-year-old. What advice as to disbudding and thinning out, and also what temperature would you keep them during the winter?

I would also like to say that our carnations were planted July 18 and started along finely up to about August 25, when I noticed that there were quite a few plants dying off. I would like to know the reason and how I could prevent it. Would also like to know of some good fungicide to spray on carnations, and how often, as a preventive to diseases.

Subscriber.

It depends a good deal when you want the Beauties to come into crop. If you wish to defer the blooming season till late October or November, cut off half the flower stem. By picking off the crown or first bud you can have another good bud from the base of the bud stem in from three to five weeks.

The general care of Beauty stock from now on consists in keeping them in a free growing condition, allowing no check to take place either from over-watering, want of water or an atmospheric chill. Abundance of ventilation, even at the expense of an all night fire, is absolutely essential in order to discourage black spot and other fungous troubles. Above all have the foliage dry over night. The temperature should never be less than 58 degrees during the night, with a good crack of air on.

The two-year-old stock should get a partial rest and have some of the old soil removed. Then sprinkle some air-slaked lime over the bench and apply a mulch of equal parts of decomposed cow manure and good fibrous soil. The smaller wood should be thinned out and the stronger shoots tied down as nearly horizontal as possible to encourage the dormant eyes at the base of the stem to break. Give one thorough watering and keep the house as cool and moist as possible for the first ten days. Then as the eyes break and fresh leaves develop, increase the supply of water and ventilation. Temperature during winter should be for Brides and Maids, 56 degrees during the night, increasing to 75 degrees or even 80 degrees, according to intensity of sunshine.

The cause of your carnations dying off in the bench is undoubtedly stem-rot, caused by some form of bacteria, for which as yet there is no certain remedy. Pull out all the affected plants and remove the surrounding soil, replace with fresh soil and add about one-sixteenth of its bulk of equal parts of air-slaked lime and sulphur. So many different forms of fungi attack the carnation that without some more definite information any general advice might lead to disaster. Questions on carnations, giving full details of the trouble, will without doubt be carefully considered by either Mr. Osborn or Mr. Baur, who are fully competent to handle such if given sufficient data.

Ribes.

CARNATION NOTES.—EAST.

The Soil Pile.

It is an excellent plan to prepare soil a year previous to its being used and, to obtain the best results, it should be done before fall rains or cold weather set in. Some growers build a pile of sod scattering manure between the layers. Others plow a piece of sod and leave to the action of frost until spring, when the soil is thrown into piles. Either method is good but in deciding which is the most advisable to pursue, much depends on how the land has been worked previous to its being gotten ready for bench soil.

If the ground has been in sod for many years it is very liable to harbor grubs and cut worms and the latter method would aid in the destruction of these pests. This method, too, consumes less time and is probably the less expensive, a greater part of the work being done by horses. Whether to spread the manure before or after plowing or add when making into piles in spring has been a question with some, but considering the loss that must take place when manure is exposed to the weather, there is little doubt but that it is economy to add the manure at time of making into piles.

When circumstances permit, I favor



Establishment of St. Clair Floral Co., Dr. A. S. Halstedt, Pres., at Belleville, Ill.

the piling of sod and manure in alternate layers, making the piles not over four feet in height and flat on top. When cut down in the spring and thrown into another pile the ingredients will be thoroughly mixed and in excellent mechanical condition when wanted for use. I would add nothing else to the soil at this time unless it might be a small quantity of air slaked lime which will help keep it sweet. sweet.

Do not fail to lay up enough soil for use in potting young stock at propagating time. No manure should be used, just plain sod piled grass side down, and locate it where it can be readily reached during the winter. After the first hard freeze cover with boards, straw, etc., to prevent frost getting in too far and you can draw on this supply any time desired.

We are having the best of weather for carnation growth and close attention must be paid to the new shoots now coming up. Keep them within their proper bounds and thus form the foundation of a stocky plant.

GEO. S. OSBORN.

A TINY WORM.

I send some tops of Maud Dean chrysanthemum which seem to be affected with disease. Can you inform me what it is? Other varieties in the same house seem perfectly healthy. What can be done with these? Would you advise pinching the tops off and letting them break again? D. E. G.

The trouble with the tops of the Maud Dean chrysanthemum is caused by a tiny worm that will be found burrowing inside the stem of the plant, just at the extreme tip. If the correspondent will cut the stem open he will find the cause of his troubles. I have seen traces of this pest every year, but never anything beyond an occasional plant would be affected. The worm causing the trouble is so small as to be almost invisible and its presence would hardly be noticed.

I think if the affected shoots are very numerous I would pinch them out and let the plants come away again with several shoots until it could be determined that they were all right. Any shoots that are all right should be left, as it is really too late now to be pinching shoots, only in a case of necessity such as this. BRIAN BORU.

GERANIUM ST. CLAIR.

The accompanying illustration is from a photograph taken at the establishment of the St. Clair Floral Co., Belleville, Ill. The picture shows the ends of the houses. The gentleman in the view is Dr. A. S. Halstedt, the president of the company. Just behind Dr. Halstedt, in the long bed, is his new seedling geranium, St. Clair. This is the crimson variety of which James Gurney, of Tower Grove park, St. Louis, has spoken so highly. J. J. B.

ABUTILON AND HIBISCUS.

I would like to know the time and best way to propagate abutilon and hibiscus. C. F. A.

As the abutilon and hibiscus are associated in this question we will suppose that C. F. A. alludes to Hibiscus Rosa-Sinensis, the evergreen greenhouse flowering shrub. As the abutilon and hibiscus are closely allied genera, the method of propagation is about the same. All the abutilons will root easily from the tips of the young growth, but they root more quickly and surely after firing has begun, in December on to April.

The hibiscus should be kept cool and rather dormant during midwinter and in March should be pruned hard back to secure the young growths that will produce the flower. The young growths that are made after pruning are just what you want for propagating.

Allow me to say that at this very moment, or rather at this lovely season of the year, the hardy hibiscus usually known as althæa or rose of sharon is a magnificent shrub, one of the best of all our hardy flowering shrubs, rather tender when small and transplanted, but when well established there are few if any more lovely shrubs or dwarf trees. Clematis paniculata, the rose of sharon and a few other things make us think just now that the world is all right. W. S.

IRISES AND LILIES.

Will you kindly tell us the best time to set a bed of Japanese and German irises? Also tell us the time to set lilies of various kinds, auratum, rubrum and album. A customer wishes these in a bed in the full sun all day, merely a row of peonies through from east to west. Could any annual be grown among them to shade the ground so they would do well in this situation? G. F. H.

Iris, both the German and Japanese species (and the forms and varieties are legion), should be planted in early fall; the end of this month or first week of October will do. Although the iris is a very hardy plant, it will be well to protect these transplanted roots with litter or leaves the coming winter, to prevent the frequent thawing and freezing that often occurs in March and April. Although the iris is often grown with success in dry situations, it is well known that low, wet land is where they thrive best. Our native species are found growing in low, marshy meadows. I have in mind a pasture that is covered with two or three feet of water all winter and frequently flooded in summer, yet last June it was a wave of blue with the pretty little iris, all of which goes to prove that you cannot overwater them. We read that the Japanese, in culitvating the wonderful varieties of their iris, use the strongest animal manure and flood their gardens.

The soil conditions that suit the irises are just the opposite to what the lilies require. A heavy soil is not at all suited to the species you wish to grow. The soil should be light, either sandy or gravelly, and the drainage perfect. Use no manure unless it is thoroughly decayed,

but a heavy mulching of manure will be of benefit in early spring. Many grand borders of Lilium auratum are seen in the temperate countries of Europe and those seen in England are often grown in peat, a soil that seems to suit them grandly.

L. auratum and the varieties of L. speciosum rubrum and album are hardy here, at least as far north as Vermont. If you could obtain the bulbs of these, say in early October, you could plant them then and if protected so that little, if any, frost touched the bulbs, it might be successful. But we don't get the bulbs of these lilies until December and sometimes later. Therefore I would rather keep them in cold storage, covered with dry earth or sand, and plant out as soon as the ground could be worked in spring. We see beautiful flowers of album and rubrum in the gardens of our villagers that we believe receive no more care than the "piny" root, yet a good winter covering to keep out hard freezing is a great essential.

Some annuals that are not of too strong growth might be scattered among the lilies, but don't overdo it. Portulaca would be pretty and there are others.

W. S.

SOW BUGS.

Will you kindly tell us how to get rid of sow bugs? A Subscriber.

Sow bugs or wood lice may be trapped in various ways; for example, with slices of potato or turnip laid around the greenhouse, these insects creeping beneath such an object to feed upon its lower surface, but naturally this method requires quite a little time on the part of the trapper in order to catch and destroy the insects.

A less troublesome method would be to secure a few common toads and place them in the greenhouse, these homely animals having a wonderful appetite for sow bugs, ants and many other insects, and doing no harm whatever to vegetation.

W. H. Taplin.

COKE VS. PEA COAL.

A correspondent writes that he "would like to open a discussion as to the relative merits of coke and anthracite pea coal as a fuel, particularly in hot water plants. Is coke at $3 per ton cheaper than anthracite pea coal at $4 per ton? The question of additional attention and night fireman would perhaps come into this, but we would take it for granted there would have to be a night fireman in any case, so that question can, I think, be eliminated."

Before entirely eliminating the question of a night fireman, let me say that there are any number of small places heated, perhaps, with one or two cast iron heaters. I call them heaters, because they don't boil. If properly set, with good circulation and sufficient pipe, the fuel for them is the best hard coal, egg or grate size. The place is too small to employ a night fireman and the boss fires himself and if, adequately heated, he can fire up at 11 p. m. and find his houses all right at 6 a. m. That he can't do with pea coal or coke.

Now to the specific question, coke versus pea coal. It is impossible to give an opinion on this unless you state what kind of a boiler you are using. If it is a cast iron pot, which nearly all these greenhouse heaters are, whether they are sectional or not, then I think that pea coal is most unsatisfactory for use in them. It soon deadens over, quickly clinkers, needs continual renewing, if only a shovel full, and would not be nearly as cheap as furnace coke at the prices quoted. Hard or furnace coke, such as Connellsville, is the most satisfactory and cheapest fuel you can use in these cast iron heaters.

Particularly is this the case if you are not over-supplied with pipes and in cold weather you have to make the heater do all it can, that is, keep it at full blast all night. I would say under these conditions, which too often prevail, that pea coal in a cast iron heater would be fifty per cent more expensive than furnace coke at the prices quoted.

The writer has had occasion during the last thirty-six years in this country to use most every kind of available fuel from Lehigh lump to cord wood, hard coal, Loyal Sock coal, soft coal, hard coke and gas-house coke. Now, if you put in a steel tubular boiler or a tubular boiler with cast iron tubes, which is about the same, there is no fuel so effective and cheap as good Pennsylvania soft coal. I am speaking now of using these boilers for circulating hot water, but if for making steam it is all the same, for what will make water hot will also make it boil.

Soft coal necessitates cleaning of the flues frequently and in some surroundings your neighbors kick, but otherwise soft coal is the fuel for a tubular boiler. Pea coal is used by some large eastern firms in these boilers and with frequent attention it does very well, but it cannot give as good results as soft coal. The flame traveling beneath the length of the boiler and back through the tubes is where soft coal has the advantage. I never noticed that coke did any harm to a cast iron boiler, but it is very injurious to a wrought iron boiler. We have wandered a little from the subject, which is unavoidable. It's a big one but most interesting, and no one can give a definite answer unless he knew how big your place is and what style of heater you have installed.

W. S.

[We should be glad to hear from others with their experience as to what is the most economical fuel.—Ed.]



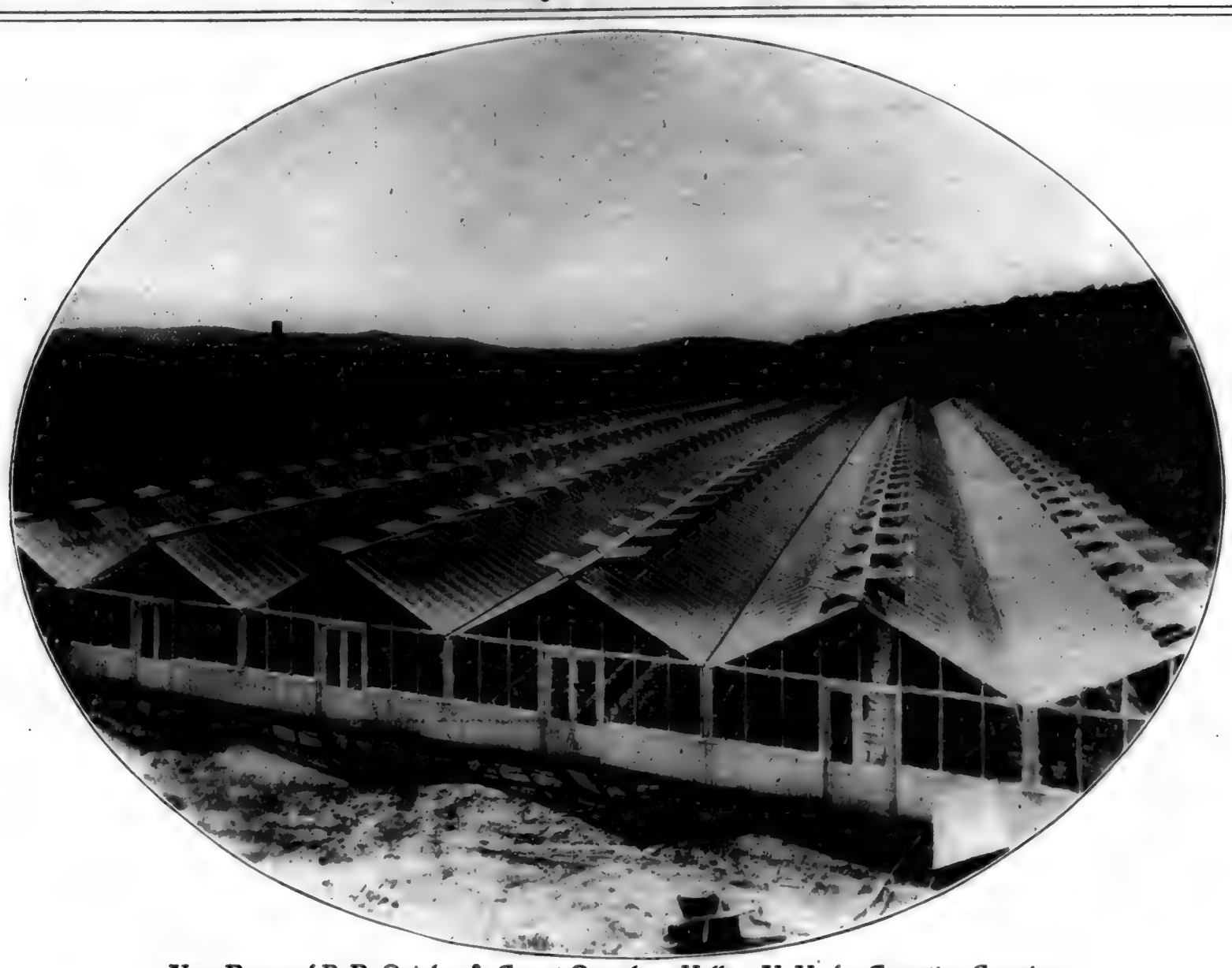
New Carnation House of P. R. Quinlan & Co., Syracuse, N. Y.

DEATH OF GROVE P. RAWSON.

Grove P. Rawson, of Elmira, N. Y., died at Binghamton September 8, whence he had gone to superintend a wedding decoration. He had not been feeling well for several weeks. He was seated watching the work of his assistants when he collapsed and was removed to the hospital, where he died about three hours later without regaining consciousness. The cause of death was cerebral apoplexy.

Grove P. Rawson was born in Almond, Allegany county, N. Y., April 22, 1854. As a boy he displayed a marked interest in all objects botanical and not only did he love things that grow from mother earth, but he was respectful toward all that was God given. He was an apt student of horticulture and one of the best pupils of the celebrated James Vick, of Rochester. He had not in years attained his majority, when, in 1874, he came as landscape architect of Eldridge park, in Elmira, now one of the best known and most popular in the state. Two years later Mr. Rawson entered business in his own behalf and for twenty-eight years he was one of the foremost growers of plants and cut flowers in the state. As a decorator he was excelled by few. For more than a quarter of a century he has had a greenhouse and office at No. 107 West Market street. Years ago the business outgrew the capacity there and property was purchased on Winsor avenue. There two acres are under glass. He had that happy faculty of getting along with men few possess. His orders were not as commands in the ears of his subordinates. They seemed always eager to please him, appreciating his many kindnesses toward them and Friday morning a group of employes stood just outside the big greenhouse talking almost in whispers, although the body was still miles away.

Mr. Rawson was, up to the last few years, an active participant in the af-



New Range of P. R. Quinlan & Co., at Onondaga Valley, N. Y., for Carnation Growing.

fairs of our trade societies, the S. A. F., the Chrysanthemum Society and the Carnation Society. He was also for some time a widely read contributor to the horticultural press. He had never married.

QUINLAN'S NEW PLANT.

The accompanying illustrations are reproductions of photographs taken at P. R. Quinlan & Co.'s carnation houses at Onondaga Valley. August 26. The houses contain 15,000 plants. For many years past Mr. Quinlan leaned mostly to roses, the best houses on the old place in the city being devoted to them. Upon the carnation becoming such a popular rival of the rose, he perceived its importance and accordingly laid his plans to give it the best possible environments. The site at Onondaga Valley, comprising nineteen acres, was selected because of its natural resources, variety of good soils, water and beautiful perspective. The construction is that of the King Construction Co., the same as is employed by the famous Dale estate at Brampton, Ont.

Indoor culture all the while and planting early from the field has been practiced, with results today in favor of the field crop, although it is rather soon to make a positive statement as to the merits of either system, the present season being the most congenial in years for outdoor carnations. Where thrifty stock was planted out they developed into planting shape very early and were all housed on this place before August 1.

July planting, to say the least, has many advantages with the grower whose business demands flowers on good stems early in the season. In such roomy, airy houses no shading was required, wilting after planting being hardly perceptible, perhaps owing to selecting the cuttings from the sand bed after rooting and again before planting out discarding all with any sign of bacteria or fungus. Stem-rot has given no trouble. Thirty-five varieties are grown, practically all the new kinds being represented. In these Lady Bountiful is very promising. For bulk in white, Queen, Boston Market and Wolcott are grown; pink, Lawson, Joost, Cressbrook and Marquis; for salmon, Enchantress, Fair Maid; for red, Estelle, Crane and Manley are grown.

R. B.

Vegetable Forcing.

POLLINATING TOMATOES.

I read with interest the note in the Review of August 25 regarding the saving of pollen from outdoor tomatoes as spoken of by Mr. O'Mara in the discussion on pollination at the St. Louis convention of the S. A. F. I think the plan is a good one, and where carried out should be of great assistance in overcoming the difficulty which is often met with in setting the first indoor crop. It does not take long to gather a few bunches of flowers and put them away in paper bags so that if needed the pollen will be at hand. I know from experience that the pollen will keep in good condition for six or eight weeks if kept perfectly dry and not subjected to extreme temperatures. It is not always necessary to use the pollen thus gathered, as under favorable conditions enough can often be procured from the plants themselves. I find that it is not so much from the lack of pollen in the flowers that the trouble arises, but that the pollen is often left bound up in the anthers of the flowers for lack of sunshine which is necessary to burst the cellular tissues and set the pollen free. Hence, during the prevalence of dull weather, of which we are very liable to have spells during the shortening early winter days, when pollination of the first indoor crop is necessary, it is often a hard matter to procure enough pollen to accomplish the fertilization of the flowers, and the having of a reserve in hand insures against disappointment and leaves one independent of the vicissitudes of the weather.

As far as the fruit itself is concerned, it is of little matter from what variety the pollen is procured, but these fruits should not be selected for seed purposes unless for the purpose of experiment, and then it would be necessary to make sure of the variety from which the pollen was procured. But where it is desired to save any variety, to keep the strain straight, it is necessary to use only the pollen produced by that variety. It is hardly necessary, however, to save seeds from the indoor fruit. I make a custom of growing a few plants of the varieties used for forcing outdoors, and save my seeds from them. I consider that, being grown under more natural conditions, the seeds mature better and germinate stronger than the indoor article. Besides, most of the varieties used for forcing are profitable to grow outdoors. Sterling Castle is a first-class tomato for early outdoor work, and Lorillard and Best of All are both good croppers. Of course to keep the strain true it is necessary to keep the varieties apart so that they wont be mixed up by insects carrying the pollen from one to another.

W. S. Croydon.

THE BENTHEY ASTER.

The accompanying illustrations show Benthey's White aster, of which much has been heard of late. The field contains upwards of two and one-half acres, some 40,000 plants, grown by George Ball, Chicago, whose greenhouses, the old Harms Park place, appear in the background. These are grown for cut flowers and the blooms have sold as high as $4 per 100 in the Chicago market, readily bringing $1 to $2 at times when other varieties grown by Mr. Ball were hardly worth shipping to market. The vase shows a couple of dozen blooms on stems nearly three feet long and averaging four inches in diameter of flower. At the Benthey-Coatsworth Co.'s place at New Castle, Ind., they have a field of over two acres growing for seed. The variety also comes in pink. It was at first called Benthey's Perfection, but as the latter word is a part of the name of other asters it was dropped and the name is simply Benthey's White and Benthey's Pink.

BOSTON.

The Market.

Conditions remain much the same as a week ago, the market continuing to clean up nicely. One or two dull days at the end of the past week shortened up supplies a little. Roses, where no fires are yet used, are showing mildew, due to cold nights. Beauties continue in good supply at from $5 to $20 per 100. Carnots and Kaiserins are good, but Brides and Bridesmaids continue small, although they are improving. Carnations are becoming more abundant, both indoor and outdoor grown. From $1 to $2 per 100 is the average price, some fancy blooms being higher. Some very good asters are coming in. White ones sell readily at $1 to $1.50 per 100, colored varieties going a little lower. Gladioli, speciosum lilies, tuberoses, dahlias and other stock continue in fair supply. Adiantum and Asparagus plumosus and Sprengeri are not in much demand.



A Vase of the New Aster Benthey's White.

Various Notes.

A recent call at the Blue Hill Nurseries, in Braintree, found the proprietor, Julius Heurlin, busy making heavy shipments of iris, phlox and other perennials to Pennsylvania. The big blocks of herbaceous perennials were in fine order, one of the finest beds being of the handsome Tritoma Pfitzeri, a plant which is coming into favor with Boston florists. The collection of trees and shrubs, both deciduous and evergreen, is being constantly added to. An adjoining field has just been purchased to be planted with choice evergreens. The whole nursery was, as usual, scrupulously clean. Mr. Heurlin reported fall sales to be the best on record.

A delegation from the Boston Gardeners' and Florists' Club visited Nahant on September 8 as guests of Thomas Roland. The party left Union Wharf per steamer at 9:30 a. m. Although the day was beautifully clear and warm, with a shade temperature up in the eighties, one half of the party went prepared for eventualities and carried fall overcoats. An hour's sail down Boston harbor, with its charming scenery, brought the tourists to Nahant, where they were cordially welcomed by Mr. Roland. After an inspection of his well-kept greenhouses, which were filled to repletion with choice stock, luncheon was served, following which a tour of the picturesque island was made. Several fine estates were inspected and the party basked on the rocks near Senator Lodge's summer home for an hour or two. The beautiful views from this "stern and rock bound coast" over the broad and placid Atlantic, dotted with all manner of craft, was thoroughly enjoyed by everyone. Boston was reached on the return voyage about 5 o'clock and an hour later, while the members were eating their suppers, Jupiter Pluvius, after a vacation of three weeks, broke the drought from which we had been suffering. Mr. Roland's kindness in inviting the party was much appreciated and the visit to Nahant will remain a very pleasant memory.

The new Music Hall market is evidently going to be quite a factor in Boston's cut flower business. At last reports 130 stalls had been rented and more were likely to be sold, as the full capacity of the present flower place is 170 stalls, which, however, can be doubled in the future if occasion requires. The directors can certainly congratulate themselves on their auspicious outlook.

The decision of the Columbus avenue market directors to go back to the old Park street stand October 1 is undoubtedly a wise move. The location, while rather cramped, is easy of access for teams and, while the light is somewhat defective, it has in this respect an advantage over the Music Hall market. We understand the management has rented the present market on advantageous terms. It is to be hoped that to avoid confusion some shorter name be given the rival concerns. Park Street Market and Music Hall Market would be preferable to Boston Co-operative Flower Growers' Association and Boston Co-operative Flower Market.

The Boston Gardeners' and Florists' Club will resume the monthly meetings on September 20. Some of the members are to give vacation experiences. An interesting array of lecturers is being selected for the coming winter and now is an opportune time to join this progressive club.

J. W. Duncan is spending a few days in New London, Conn.

Thomas Knight, representing Julius Roehrs, has been canvassing Boston and vicinity the past week and reports a good call for his firm's specialties.

Numerous entries are being received for the flower show opening on September 22. It promises to be one of the best on record.

Members of the Boston Mycological Club continue to make interesting displays of fungi each week at Horticultural Hall.

Bunches of that finest of all bouvardias, Humboldtii corymbiflora, were noted in one of the stores the past week. Strange that more florists do not grow it.

The annual rental of stalls in each of the flower markets is $25. Prices realized at auction are additional premiums.

W. N. Craig.

Co-operation.

The Review is in receipt of an "open letter" on the two co-operative markets in Boston, a lengthy document bearing typewritten signatures and couched in such intemperate language that we cannot publish it. The Review has nothing but the best of wishes for the success of the new market and nothing but the best of wishes for the continued prosperity of the old, for in each there are many estimable gentlemen; we certainly would not do injustice to either.—Ed.



Two and a Half Acre Field of Benthey's Aster Grown by Geo. Ball, Chicago.

PHILADELPHIA.

The Market.

The market shows signs of awakening. The retailers are doing a little business now and then. Their stores are ready, their windows bright, their assistants back. The wholesalers have the serious proposition of a rapidly increasing stock to handle, an increase that materially exceeds the demand. Dahlias have been selling very poorly. The season for the best varieties is about to open and with their appearance an improvement is expected in all sorts.

The increase in the proportion of poorer asters gives notice that their season has passed its height. The best still sell quickly at good prices. Cosmos is fine in solid colors and can be had in quantity. Roses are very plentiful. Carnations are improving in quality. Quite a lot of nice blooms are coming into town. Good gladioli sell, but poor ones never. The supply of tuberoses does not exceed the demand.

The Century's Window.

Frank Gaul, manager of the Century Flower Shop, has arranged a window that is attracting attention this week. It represents a Japanese garden, with miniature beds and paths laid out in approved Japanese style. The center was chiefly made of Cyrtomium falcatum while Adiantum Farleyense graced many of the smaller beds. A tiny fountain, petrified rock and Japanese figures cleverly arranged gave reality to the scene.

The Palm Industry.

Charles D. Ball has experienced an active demand for palms during August and the first half of September, as the conditions in his houses at Holmesburg prove. Many plants have been spread for better development and several entire benches have been refilled with a second batch of palms shifted for late sales.

Kentia Belmoreana in all sizes, from the large specimens to the fernery center-piece in a 3-inch pot have increased enormously in numbers. The made-up plants of this variety are very prominent in sizes from 6-inch upward. Some are made up in the now popular way with a large plant in the center surrounded by several smaller ones, but generally Mr. Ball favors early making up with plants of equal size and strength, believing that in this way a better effect is produced. House after house of this variety were seen in excellent condition, the center bench in each being filled with medium and large plants, the side benches with stuff for ferneries or for growing on through the winter.

Kentia Forsteriana and Areca lutescens are grown in good form. A center bench of Latania Borbonica in eights, now partly emptied, was a fine sight, the plants being very symmetrical. Another house of the same palm in sixes was just coming into shape.

Boston ferns, Pandanus Veitchii and Cocos Weddeliana finished the assortment, if I remember aright. A new house 13x120 feet, brick foundations, single span, was built this season for summer use. It has done so well that Mr. Ball expects to pipe it for use this winter.

Torresdale.

Yes, the conductor knew where Eisenhart's was, stopping opposite. The passenger was halted by a scorching wheelman only to narrowly escape a flying automobile and finally landed in a well-kept place with a large house fronting on the pike (familiar word) surrounded by a green lawn with enough flowers in beds to give a touch of color.

Alas, there was no sign of R. M. Eisenhart in the greenhouses beyond. That he was up and doing the neat rows of carnations, violets and corn abundantly proved. One carnation house was planted with prime stock and a range of four others, mud shaded and soil filled, will probably be planted before these lines see light. May they all prosper.

The Germantown Society.

The September meeting of the Germantown Horticultural Society was a banner event owing to the efforts of Albert Woltemate and C. S. Wertsner, exhibits and attendance being unusually large. Henry A. Dreer Co. sent a good collection of hardy perennial blooms. The other exhibitors were all from Germantown. Most nobly did they acquit themselves. Some idea may be gathered from the fact that there were fifteen exhibitors of pears alone. Edward Neville presided.

Various Notes.

C. F. Edgar & Co. have a new wagon on the street this week. They have improved their office facilities and are preparing for an active season.

Leo Niessen is receiving fine Beauties in quantity.

Charles P. Poryzees, who delayed opening his new Fifteenth street store until this week, will carry on both his old and new stores.

M. Rice & Co. have added the third, fourth and fifth floors and expect to add the second floor of the building east of their present store. The new floors have been extensively improved.

D. T. Conner has just put in a new Lord & Burnham boiler for Robert Crawford, Jr.

Fred J. Michell states that the Dutch bulbs just received by his firm are the best in many years. Tulips, hyacinths and narcissi are all very fine.

J. D. Eisele, vice-president of the H. A. Dreer Co., is in Europe.

John Burton is sending out a neat blotter suggesting the advantage of buying direct from the growers at the Flower Market.

Julius Koehler & Son have very attractive show windows in their store at Main and Bridge streets, Frankford.

Fred Ehret is pleased by the return of a consignor who, after shipping to him for fourteen years, tried a year elsewhere and has now come back to him again.

A humorist at Henry F. Michell Co. said that had Phil handled those 400 cases of bulbs he could have written a story about it. They were heavy, those cases.

William J. Baker is responsible for the bright saying that "a man doesn't go to a store to talk about his family or private affairs; he will go to a residence for that."

C. F. Edgar & Co. are preparing to push their new cornucopia flower holders.

Charles E. Meehan states that business at the Flower Market is steadily improving since the move to the present central quarters.

PHIL.

ST. LOUIS.

The Market.

Trade in general was not active the past week, slow in everything except funeral work. Some were very busy with large designs. Labor day did not bring much, nor did the opening of the public schools. Transient trade has begun with the down-town retailers and the general revival of business is looked for soon. Stock seems to be improving every day, especially during the few cool days, but most of the retailers are very conservative regarding their purchases.

Roses are very plentiful, though a certain proportion of short-stemmed stock is in the market. It is usually very good in flower. Prices on choice Brides, Maids, Meteors and Perles are from $4 to $5 per 100. Short stock is sold very cheap, in 1,000 lots as low as $8. First-class carnations are still short in supply, although plenty of field-grown stock is in the market. Short-stemmed stock with good flowers and long-stemmed stock with poor flowers are hard to dispose of. All they bring is about $1 per 100. A few of the best bring $1.50 to $2. Good valley is hard to sell in this market just now. Asters are still abundant and good stock can be bought for $1 per 100. Extra large white and purple bring $2.

Thousands of gladioli are being brought over from the Cowee farm near Belleville and sold to the west end hotels cheaper than the retail florists can buy them. The flowers are being used for table decorations. This is not much to the liking of the west end florists, who claim it hurts their trade. To some extent the flowers bring 3 cents a stalk at wholesale houses. Tuberose stalks are very plentiful at 2 cents. Clematis paniculata sells well for funeral work. Some cosmos is in but not in sufficient quantity to go around. In the line of greens, adiantum has some demand.

Club Meeting.

September 8 the club held its first meeting since the convention, also the most enthusiastic held this year. When the president called for order thirty members were present. All committee reports impressed the members favorably, especially that of C. A. Kuehn, who was superintendent of the trade display during the convention. Two new applications for membership were made, by W. A. Chalfant, of Springfield, Mo., and Andrew Olsen, of St. Louis. This makes the necessary two to make up 100 members, which was promised before the new president was installed.

The installation of the new officers took place. Messrs. Ammann and Weber were the installing officers. With a few well chosen remarks, Mr. Juengel took the chair. Then Vice-President Pilcher, Secretary Schray, Treasurer Meinhardt and the trustees, Messrs. Weber, Miller and Guy, were duly installed.

The question of a flower show at the World's Fair in the Horticulture building was turned down and the club will not have anything to do with the proposition. There was quite a lively tilt over some questions from the box, after which the meeting adjourned.

Mr. Juengel notified the members that a supper was awaiting them at the Michalob restaurant, at which nearly all the members sat down to a fine spread. After supper speeches were made by J. F. Ammann, Theo. Miller, E. W. Guy, C. A. Juengel and ex-President Beneke. The next meeting will be held Thursday afternoon, October 13.

Various Notes.

H. J. Venn, of Canton, Ill., called last week, as did James Colbert, of Rossville, Ill.

Charlie Ford, of Philadelphia, got in Saturday to take in the fair, not having had time during the convention.

Mr. and Mrs. Phil Hauswirth, of Chicago, spent Friday and Saturday in St. Louis on their way to St. Joseph to attend the Red Men's convention.

J. F. Windt reports trade very good since he completed his new show house, which is very attractive.

H. Weber & Sons, at Gardenville, Mo., report a large amount of orders to fill for fall delivery in nursery stock.

A. Jablonsky, at Wellston, has almost completed his new range of houses, which will be used for growing carnations for the trade.

John Steidle in the same neighborhood is also in good shape for the coming season, with fine carnation plants. His violets, too, are looking fine.

J. W. Dunford, also a close neighbor to the above two, is making great preparations for the winter season. The carnations and violets grown here are much looked after by the local trade.

Bowling.

The bowling for the silver water pitcher is becoming very interesting. Eddie Gerlach now leads, with Frank Ellis second and Ellison third. The following scores were made Monday night:

Player.	Hc.	1st	2d	3d	T'l
C. A. Kuehn	S	186	204	160	550
Ed. Gerlach	45	180	151	202	533
Meinhardt	25	165	168	178	511
Ellison	S	179	169	161	509
O. R. Beneke	20	176	138	190	504
Ellis	20	200	160	135	495
F. C. Weber	20	129	170	168	467
Beneke	S	156	152	147	455
Miller	S	131	128	169	428
Beyer	S	154	151	...	305

J. J. B.

Credit to All.

Much praise has been bestowed on the management of Forest park from various sources on account of vast improvements in the condition of the park this year. While it is an undeniable fact that each and every man connected with the park has done his best to beautify the same, credit should be placed where it belongs. Robert Aull is park commissioner. Andrew Meyer, Jr., general superintendent of public parks, is the guiding spirit. John Ratchford as keeper, George Ostertag as overseer, and John Moritz, as general gardener, are intrusted with the fulfillment of all park duties. George Ostertag.

North Adams, Mass.—A. H. Darling is planning the erection of an additional house.

Loda, Ill.—The Loda Greenhouses are erecting 6,000 square feet of glass, up-to-date in every respect.

Elkhart, Ind.—Sarah S. Seele, daughter of Mr. and Mrs. H. D. Seele, died September 7, aged 20 years. Mr. Seele is gardener to Hon. C. G. Conn.

Brooklyn, N. Y.—Emilio Ruotolo, of 246 Mott street, New York, is building four greenhouses, 17x72, one 10x78, office, etc., on Sixty-ninth street, near Twentieth avenue.

BUFFALO.

Current Comment.

There is no great event worthy of special mention. No prominent member of society of late has "kicked the bucket" but lots of good souls have "shuffled off this mortal coil," which has helped along general business. I believe the man who first said "mortal coil" was William of Avon. What faith, what marvelous philosophy, for the age (the fifteenth century) in which he lived. Skeptics and free thinkers believe that this avoirdupois is all there is of life, but Shakespeare believed that the corporal body was a coil or medium for the soul to rise upwards and onwards. If we all had the intellect of the immortal bard we could not look up and admire him so. Things are, as I have had before the pleasure to remark, just exactly right and if they are not, who is going to do it?

Mr. Jeffords, of Corfu, sold out his three houses and one acre of land to Le Roy Adams. Mr. Adams has been renting the greenhouses of Mrs. Tyrell and was so successful that he was able to buy out Mr. Jeffords. Mr. Jeffords thinks of buying ten acres in the neighborhood of Medina, near Ontario's shore, and erecting a small but model plant.

Mrs. L. Bantam Ostrich, of Richville, Genesee county, the famous aster grower, lost her favorite tame crow last week. She regrets this exceedingly, as she believes that Pompey (the crow) picked off a good many bugs.

Mr. Ficuslarger Vodskii, lately from Poland, has purchased two acres of land on the eastern border of the city and will erect several thousand feet of glass. His specialties will be rubbers, but he does not expect a brisk market for them until sloppy weather begins.

Seriously, there is nothing very important to say. Anderson has his much improved store about finished and it's a beauty.

The William Scott Co. embellished the club house at the Kenilworth race track for the fall meeting and in addition to the moderate price charged, it included a daily pass. "You just ought to see the six boys and the old man fuss over that pass. For the land's sake won't you ever get sense? Child, you ain't no man!"—Mrs. S.

Lewis H. Neubeck has a splendid lot of Begonia Lorraine and Louie's place is always most attractive. He is on the road, that is his place is, to the General Hospital and as most everybody nowadays has to go to the hospital to have his vermiform appendix cut out, and as all you can send a patient newly out of the anesthetics is flowers, why, Louis does well. So large is his business in this specialty that he has ready-made what he calls his vermiform bouquet. It is in the form of a pork sausage and of all sizes to suit ages and any flavor you choose.

At Toronto.

As usual with pleasure and gratitude we journeyed to the beautiful city above mentioned to pass our opinion on the cut flowers and designs at Canada's great fair. How great will best be judged when it is known that Monday, September 5, there were 130,000 people in the grounds. We were listening to the band of the Forty-second Black Watch High-

landers, who for the past 150 years have borne the brunt of Great Britain's battles, when a great, fine man with a little gray lady struck up a talk. She thought it poor after the World's Fair and the people looked so poor and common after her city (Denver). An explanation that this was an annual permanent fair did some good, yet I don't suppose it was lasting. 'Tis true, as Dibden wrote:

To the west, to the west, to the land of the free,
Where the mighty Missouri runs down to the sea,
Where a man is a man if he's willing to toil,
And the humblest may gather the fruits of the soil.

But they do get an awful swelled head out west. If they can keep it up, all right. But how about the granary of the world, Manitoba. You don't hear such a great shout and yet there is nowhere on this continent such marvelous growth in wealth and general development as in the prairie provinces of the Dominion of Canada.

If you want to see mother and father pigs (they call them by the biblical name of swine in Canada) sixteen feet long and weighing 1,000 pounds, cross Lake Ontario. If you want to see Leister sheep as big as the ordinary cow, go to Toronto, and if you want to see horses, why, they beat us hollow. There is one thing most admirable about the fair. You can't get a thing on the grounds except orange lemonade, except you know the treasurer or happen to meet Andy Adams, who said he was justified because Mrs. A. was subject to sinking spells, like poor Sarah Gamp.

It's supposed that my notes will be horticultural. Well, the exhibit of plants, particularly foliage and ornamental, was extremely good. It would be hard to beat in any city five times its size. The cut flower and design exhibit, over which we had to think, was no larger than other years, although as you all know there is John Dunlop and the Dale Estate and Walter Muston, who can't be beat as growers of roses. The designs for conception and execution were right up-to-date. The only flower that surpassed previous exhibits was the asters. A vase of daybreak pink, of the branching type with flowers five inches across and stems at least four feet long was like a vase of Maud Dean mums.

We are greatly indebted to the courtesy of George Vair, the veteran and easily the dean of all the horticulturists of Toronto. He showed us places we had never seen before and put up with our idiosyncrasies. And then there is good John Chambers, the park superintendent of Toronto. If you are lucky enough to know John and are tired of orange lemonade, you can walk up to his porch and ask what the thermometer registers. I had little opportunity to see more than the Exhibition park, Queens park and the Horticultural gardens and they all looked in fine order. Like most of our cities, the appropriation for parks and public grounds is cut down to the lowest living mark. Yet Mr. Chambers, I am glad to say, as do most of our park superintendents, makes the meagre appropriation go as far as possible. When politics enter our park management it's a calamity for the community.

Mr. Chambers saved my wife's life. A Highlander struck up "The Campbells are Coming" on the bag pipes. She swooned, but a bunch of "Grissley Frontenac" from the hand of J. C. restored her to life and liberty.

I spent two hours with John Dunlop at his model place, but there is so much to say about that, that if you will allow me it will be continued in our next. First race is called at 2:30. W. S.

PITTSBURG CLUB MEETING.

The meeting of the Pittsburg and Allegheny Florists' and Gardeners' Club, September 6, was addressed by Mr. Zimmerman, of Dixmont, who attended the S. A. F. convention at St. Louis and also visited the parks and gardens there and the World's Fair and noted things horticultural, for he had agreed on coming back to tell us all about them.

At the convention Scott's fern pleased him greatly and he declared that the plants of the other exhibitors were as fine a lot of marketable size stock as he ever saw together. They all were clean and healthy.

The great variety of plants at Shaw's garden tickled his fancy and he wandered through the arboretum and enjoyed the collection of trees, because they were labeled. At Tower Grove park he was charmed with the showing of victorias and tropical water lilies in heated outdoor ponds and hardy lilies in cold waters. But he was disappointed in the World's Fair gardens. Those of the cascades and the sunken gardens were all right, but he found fault with the coarseness and unkemptness of many of the others and it was quite amusing to see him show us how the man in the clockhouse helped the machinery up the hill.

He was a little severe on some of the displays. His own cannas at home looked better than those at St. Louis and he didn't see a bit of carpet bedding worth looking at. But he was charmed with Ageratum Stella Gurney; it was used extensively and everywhere it was a sheet of bloom, whereas at home with himself it was all growth and foliage and very little bloom. Coleuses were brighter than with us, because they were unpinched. Alternantheras were very dead in color and the vivid brilliantissima didn't seem to be used at all. Plant lettering was very poor. The African tamarix used as a border plant, as we used to plant boxwood, was a new wrinkle to him. But when he talked about cleaning up the place he sort of raised his arms and clenched his fists and as he is a big man he didn't look pleasant.

It was also gladiolus and China aster night. The Pittsburg Cut Flower Co. showed some magnificent red, white and purple asters. I believe they were grown in northwestern New York. Although sometimes we can grow good asters about Pittsburg, Munro county, New York, can beat us all to pieces.

Of gladiolus we had a magnificent showing. John Lewis Childs, of Floral Park, N. Y., sent about 750 spikes in bunches of twenty-five of each kind and printed labels with all of them. And he had a real cute device for sticking the labels on. It consisted of a sharp pin, with a round head like a split ring; into this ring you fix the label, then stick the pin anywhere you please. Get a bunch of cards and a box of pins and a pencil; it's all you need. His flowers were superb and included a great range of color, from deep maroon, through scarlet, pink, white and yellow.

Frank Banning, of Kinsman, O., sent a dozen sheaves of gigantic beauties three to four feet long and without a blemish on bloom or leaf. His Ruben H. Warder was the finest pink gladiolus in the room and his "1900" one of the most brilliant reds. Augusta, May and our old love, Eugene Scribe, in his collection were especially fine. And to keep us in a good humor he sent a basketful of selected golden sweet apples, picked from trees in his gladiolus field. They were dealt out to the members two at a time.

Arthur Cowee, of Berlin, N. Y., sent a great variety of very fine blossoms in a very great range of color, including several of the bluish hues that seem so popular just now. What a vast array of these flowers he must have, considering the continuous show he maintains in St. Louis. He gives some good points about cut flowers: "Immediately upon arrival cut off the ends of the stems and place in water. Every day change the water and cut off the ends of the stems, removing the withered blooms at the same time, pulling them off with a downward motion."

At the end of the meeting each member was given half a dozen select spikes to take home with him; the detective agency next door got a bunch because we used its telephone, the janitor got a bunch to keep him in a good humor, for we do make an awful mess of the place sometimes, and all of the balance, nearly a wagon load, was sent to the Mercy hospital.

But that was not all. Next morning the president had a telephone call from the Cut Flower Co.: "Send a wagon to our store for a consignment of gladiolus flowers from M. Crawford, Cuyahoga Falls, O." He sent in for them. They were an assortment of splendid spikes and gorgeous blossoms. Too bad they were too late for our club meeting.

We had lots of nice things to say about the firms who so generously contributed to make our club meeting such a pronounced success. And then our own Cut Flower Co. is so good and accommodating. I don't know what we'd do without them. But we are going to put Mr. Langhans up for president of our club next year. PREX.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Society was held Saturday evening, September 10, President Dunbar in the chair. There was a very fine display of zinneas staged by Messrs. Dunbar, Kastberg, Wilson, Bradley, Keeling and Darcy. Mr. Dunbar was awarded the highest number of points. His blooms were exceptionally large. Mr. Wilson also had a very fine display. Stephen Bradley and Mr. Knifle were the judges. The subject for the next meeting will be dahlias. J. B.

PORT HURON, MICH.—Every florist is entitled to a hobby and Wm. Asman's is pigeons. At the Toronto fair he took a medal and fifteen other prizes.

NEWPORT NEWS, VA.—Frank Imbach is propagating Laurus tinus which is not commonly seen in this neighborhood. He thinks it will be useful on the lawns and in the cemetery.

DANVILLE, ILL.—H. D. Caldwell, gardener at the Soldiers' Home, has had very fine success with his bedding this year. He has five greenhouses. Much work will be done on the grounds next spring.

A. L. RANDALL CO.

WHOLESALE FLORISTS

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In making up our mailing list for the coming season, we desire to reach all those who are interested in the Chicago market. If you do not receive our prices please notify us—a postal will do.

We devote our time exclusively to **CUT FLOWERS,** and always ship the best the market affords.

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PITTSBURG.

The Market.

In looking about the stores and markets the past week one gets a few more smiles and finds a much better state of affairs. The cause is a decided improvement in business, generally distributed among the stores and markets. However, there is no scarcity of stock, except carnations, and reports from the wholesalers is that even with the increase in business the amount of stock coming in is so great that there is almost as large a glut as ever.

A New Store.

Geddis & Blind Bros. opened their new south side store Saturday, which is built on the site of the old one. They are to be congratulated on having one of the prettiest and best appointed stores in the city. All the furnishings are in a very pretty shade of green and the rear of the store opens directly into a conservatory about 20x75, which they had nicely stocked with palms, ferns, and Harrisii lilies in bloom. Instead of giving out cards or souvenirs of any kind, they had several thousand small jardinieres which held a well grown 3-inch fern. They sold the plant and vase for 10 cents, only one to each person. They, no doubt, lost a few cents on each sale, but still it was a lasting and good advertisement. Mr. Geddis says that every house on the south side had one or more on their Sunday dinner table.

Club Meeting.

The Florists' Club met last Tuesday evening and those who were not there were the losers. The discussion was on gladioli and asters. The out-of-town exhibitors of gladioli were Frank Banning, of Kinsman, O.; John Lewis Childs, Queens, N. Y., and Arthur Cowee, Berlin, N. Y. These gentlemen exhibited about seventy-five of their very best varieties and caused a great deal of discussion as to which were the best. The Pittsburg Cut Flower Co., was the only exhibitor of asters. They had some of the finest and largest ever seen here, as well as some of the smaller sorts. Some of the boys wanted to know how they grew them, but Mr. Falconer explained that it was stock consigned to them, and they did not know anything about growing flowers.

Mr. Zimmerman, of Dixmont, had been to St. Louis and our president, who had been there himself, requested Mr. Zimmerman to tell us about all he saw. The question was so large it almost scared him, but being gently led by Mr. Falconer, in his own inimitable way, he told us about the nice people and the pleasant meeting of the S. A. F., the horticultural and floricultural features of the Fair, and the parks. After disposing of a large basket of apples furnished by Frank Banning, a motion was made to have the secretary send letters of thanks to the exhibitors and to make special mention of the apples. When the boys went home they expressed themselves in a hearty manner that it was an evening well spent.

Various Notes.

Mr. McClements, of Randolph & McClements, met with a painful accident last week, by falling in his barn, resulting in a sprained wrist and a badly bruised face.

Gustav Ludwig is back at his place of business after being confined to his home for some time with hay fever.

Jim Higgins is back with Mrs. E. A. Williams.

Visitors: S. S. Skidelsky, Philadelphia, who reports business good and a big demand for the new carnation, Fred Burki; W. M. Steel, of Barton Bros., Uniontown; Chas. Peterson, E. Liverpool, O.; L. Swarthout, Washington, Pa.

Hoo-Hoo.

CHICAGO.

The Market.

Business is undeniably better than it has been for some time but still it is not what it ought to be. The demand is not what it was a year ago, and it must be remembered that at that time there was no particular scramble on the part of the buyers. However, a very slight increase has served to give a better tone to the market. Beauties are still easy and Maids do not show much change, but Brides are stiffer than last week. There are adequate receipts were quality not to be considered, but the supply which is good enough to ship is decidedly limited, though increasing. Chatenay is abundant but it is not a warm weather rose, for it quickly opens wide. A few La France are seen, also a few La Detroit. These are not yet large enough in stem to be notable but the best sell up to 8 cents. Liberty in short lengths is very abundant but sells fairly well at low prices.

Receipts of carnations are on the increase but the market has stiffened considerably within the past week. Asters are on the wane; there are still plenty of them but they are mostly white and there is room to move around in the wholesale houses. Gladioli are not so abundant as a week ago and auratum lilies are scarce. A few good longiflorums are seen. Sweet peas are about done. Valley is faring a little better and so is smilax. There is no shortage in any "green goods."

Club Meeting.

In the absence of the president and vice-president, James Hartshorne presided at the first regular club meeting at Handel Hall September 8. The order of the evening was general discussion.

John C. Ure brought up the subject of Impatiens Sultani for winter blooming. H. N. Bruns said he grew it ten years ago, but dropped it. Mr. Ure said few have it, yet it is a good seller and he is propagating all he can. He has it in all sizes up to 8-inch and 10-inch pots and finds customers will give $2 for good plants. The George Wittbold Co. bought 800 plants of him. He propagates from cuttings, which root readily. It is a good grower.

It was the consensus of opinion that the season is going to be a good one, better than last, and that next spring will see another big increase in the bedding plant business.

It was stated that the ninth floor of the Auditorium has been engaged for the flower show the week following the national election. The carnation show will be held in the same hall the last Wednesday and Thursday in January.

Mr. Hauswirth reported on the S. A. F. convention, taking occasion to say a word for the bowlers. He pointed out that, although a critic has said few of the bowlers are "best at anything of much value to the society," the fact is that of the fifteen living ex-presidents, of whom ten were present in St. Louis, four were active participants in the bowling and most of the others were present.

W. L. Palinsky called attention to the fact that, while New York and other clubs had badges, the Chicago delegation had no distinguishing feature other than its size, which was thereby less apparent. It was the unanimous opinion that the club should have an official badge, which could be either furnished or sold to members, and a motion prevailed that the chairman appoint a committee of

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AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.25
12-inch stem	.75
Short stem	$3.00 to $4.00 per 100.

	Per 100	
Brides and Maids	$2.00 to	$5.00
Meteors and Gates	2.00 to	5.00
Liberty	3.00 to	6.00
Kaiserin	3.00 to	8.00
Carnations	1.00 to	1.50
Asters	.75 to	2.00
Valley	2.00 to	4.00
Gladioli	per doz., 25c to 35c	
Tuberoses,	" 35c to 50c	
Auratum lilies,	" $1.25 to $1.50	
Longiflorums	" 1.50	
Asparagus, per string, 35 to 50c.		
Asparagus Sprengeri	2.00 to	3.00
Ferns	per 1000, $1.00	.15
Galax, Green and Bronze, per 1000, $1.25		.15
Leucothoe		.75
Adiantum		.75
Smilax	per doz., $1.50	10.00

Subject to change without notice.

three to prepare sketches for such a badge to be submitted to the club for its adoption. The chairman appointed W. N. Rudd, J. C. Vaughan and L. Coatsworth.

The next meeting will be September 22 when nominations for officers will come up. The election occurs October 27.

A New Firm.

During the week A. L. Vaughan and Fred Sperry have concluded arrangements for opening a general wholesale cut flower and florists' supply business in the Exchange, 58 and 60 Wabash avenue. They plan to carry as full a line of cut flowers as may be had and to put in a stock of florists' supplies which they hope to develop to one of the largest and most complete in the country. They also expect to do considerable business in bulbs. The firm name will be Vaughan & Sperry. Neither gentleman is a stranger to the trade, Mr. Vaughan having traveled with supplies and bulbs for more than sixteen years. He was a member of the old firm of Vaughan, McKellar & Winterson. Mr. Sperry was with Mr. McKellar years ago but has been in Florida recently for his health, which is now of the best.

Various Notes.

D. F. Simonds was eating a sandwich in a refreshment establishment at Ogden avenue and Congress street September 7, when four masked men held up the place. Mr. Simonds, who does business as the Ogden Floral Co., 848 West Harrison, lost $32 and a watch.

Sam Pieser is out after an illness of six weeks, during which he underwent a very successful operation for appendicitis at Wesley hospital. Mrs. G. H. Pieser is at the same institution, convalescing from a three weeks' illness with typhoid. E. E. Pieser is expected home in a few days from Manitoba, where he has been six weeks, during which time he buried Mrs. Pieser's father, who was well along in the eighties.

Bassett & Washburn received 12,000 Japanese longiflorum bulbs on Tuesday. These were shipped direct from Japan by Henry & Lee.

C. W. McKellar is handling Dendrobrium formosum. Few cattleyas are available.

C. M. Dickinson is home from Mt. Clemens and attending to business once more, after seven weeks' illness. He is feeling nearly as well as ever.

Miss Nellie C. Moore has returned to her place at the Exchange after a few weeks' vacation.

Albert Fuchs shipped some big sago palms to the St. Louis exposition yesterday. They are the same plants he exhibited at the Buffalo and Chicago expositions.

A. L. Randall Co. gets Clematis paniculata, which would be thought to be a good seller, but it isn't, not even at a quarter a bunch.

Peter Reinberg is a member of the aldermanic committee to arrange for the Chicago Day celebration at the St. Louis exposition October 8, the anniversary of the great fire.

O. J. Friedman has a good-sized and well equipped store at Thirty-fifth street and Michigan avenue. He is now building a small conservatory in the rear.

Lubliner & Trinz, who have the store on Randolph street above Kennicott's, have opened another store on Jackson boulevard near Dearborn street.

NEW YORK.

The Market.

The market is beginning to "sit up and take notice." The last of the week found a thorough cleaning up of ice boxes and supplies at some price, which is looked upon as a godsend after the weeks of over-abundance. In the experience of the wholesale trade no such summer has ever been experienced. At times the wholesalers have been practically helpless, but the merchants and the market have wonderful recuperative powers and in a month the long nightmare will be forgotten.

The Jewish holiday was the cleansing event of last week. With the opening of the schools, the frosty air, the coming again of the sidewalk merchants, and the theatre openings and the advent of violets and chrysanthemums, the fall activity will begin. Both wholesalers and retailers are ready for a strenuous season.

The Jewish holidays will continue until next Monday. Nearly a million Jews call New York City their home. They use many flowers but there will be enough to go around. In fact, there are enough asters and gladioli here to keep the million happy daily.

It is too early for violets, though a few have arrived, occasionally good in quality, but generally small, colorless and undesirable. There is a time for everything, but it isn't time for violets nor mums. "Every dog has his day" and so has every variety of flower. The dahlia will rule king from now until frost dethrones it. Grand quality and variety characterizes most of the shipments reaching the New York market.

The orchid demand increases and outside cities are developing a metropolitan appreciation. A large shipment of grand Cattleya gigas was made to a prominent Buffalo house on Thursday. The demand for water lilies has vanished. Fine varieties for a long time realizing $5 per 100 could not be moved on Saturday.

Club Meeting.

The first meeting of the New York Florists' Club for the season was held Monday evening, about fifty members being present and a most enthusiastic session enjoyed, while the exhibit of flowers was one of rare extent and excellence. President Traendly was in the chair.

The outing committee reported a balance on the right side of the ledger. Mr. Sheridan read the resolutions on the death of Frank Traendly, Jr., only son of the president, to which Mr. Traendly feelingly responded. Treasurer Weathered read his report, showing a balance of over $1,200. Henry Reimels, of Woodhaven, was elected a member. The nominating committee appointed by the president is Messrs. Burns, Sheridan, O'Mara, Hafner, Nugent, Miller and Bunyard. The committee of awards, through Chairman O'Mara, spoke in eloquent terms of the splendid exhibition of the evening, expressing the gratitude of the club and appreciation of the enterprise of F. R. Pierson Co., H. A. Dreer, Clucas & Boddington Co., A. L. Miller, Pankok & Schumacher and H. Beaulieu.

The F. R. Pierson Co. had a very large exhibit of phloxes, cannas and dahlias, a whole flower show in itself. A. L. Miller showed dahlias Grandview, Kaiserin Augusta Victoria and Camaeliflora. H. A. Dreer showed twenty-two varieties of hardy perennials. Clucas & Boddington Co. showed ninety varieties of dahlias, also phloxes and other hardy flowers. H. Beaulieu staged about fifty varieties of dahlias. Pankok & Schumacher showed

ANNOUNCEMENT TO THE TRADE

ON OCTOBER 1st, 1904, the undersigned firm will open a first-class **Wholesale Jobbing Cut Flower and Florists' Supply Store at 58-60 Wabash Ave., Growers' Exchange.** This will fill a long-felt want among the city buyers, inasmuch as we will carry a complete line of up-to-date Florists' Supplies and Requisites. All growers consigning stock to us should bear in mind that we are not strangers to the business by any means, as our Mr. Vaughan's experience extends over sixteen years in travel among the trade, soliciting orders in nearly every branch of the Horticulture and Florists' Supply business. Promptness and integrity of purpose is to be the watch-word in all our business transactions, and we ask growers and buyers alike to give us a fair share of their business and we will "deliver the goods."

VAUGHAN & SPERRY, A. L. VAUGHAN, FRED SPERRY. **58-60 Wabash Ave., CHICAGO**

Mention The Review when you write.

Countess of Lonsdale dahlia. At the meeting of the club the second Monday in October, the exhibits will consist of cannas, dahlias and early chrysanthemums. A cordial invitation is extended to all growers to participate.

Considerable time was devoted to reviews of the convention and the World's Fair by those who were at St. Louis and H. Beaulieu was instrumental in having accorded every speaker a vote of thanks. Among those who had interesting experiences and observations to recount were John Scott, Charles Lenker, Theo. Lang, P. O'Mara, H. A. Bunyard, W. J. Stewart, Mr. Abram, of St. Louis, who made the floral clock and was a visitor, and others.

Announcement was made of the formation of the bowling club, fifteen members having already given their names and the first meeting being called at the old alleys, on Twenty-third street and Sixth avenue, the first Friday evening in October.

The Sangerbund Show.

The sixteenth annual exhibition and flower show of the Sangerbund ended at Ridgewood park, Brooklyn, on Sunday, after four days of large attendance. The exhibit of plants and flowers gave opportunity to many prominent local florists for display. John Scott had a fine group of his new fern and received special recognition. A $45 prize for a palm group was won by John Meisem, of Elmhurst, and $35 by Chas. Koch, of Flatbush. Henry Bottjer exhibited vegetables and E. Buckingham, of Brooklyn, seeds and bulbs. Many carpet beds for competition were planted, the prizes going to John Dryer, John Baumann and Emil Miller. For mixed geraniums F. Marquardt, of Middle Village, won first honors; for cannas, A. L. Miller, of Brooklyn, and for cacti, F. Weinberg, of Woodside. The salvia and heliotrope prizes went to Mr. Marquardt. Mr. Miller won the tuberous begonia award. August Schrader lead all competitors for foliage plants. H. Maenner, of Maspeth, was first for coleus.

The management of the show included the well known Long Island florists, Messrs. Koch, Miesem, Schrader, Baumann, Maenner and Marquardt.

Various Notes.

J. E. Lager, of Summit, was in the city Thursday. He announces the cutting of the last of the Cattleya gigas and the advent of C. labiata, of which he will have an abundant supply. One branch of C. gigas at McManus' was on exhibition holding eight perfect flowers readily commanding 75 cents each. Lager & Hurrell will exhibit as usual at all the great fall shows.

Ford Bros. received their first shipment of violets September 3, a box of 2,000 from Walter Pell, of Rhinebeck.

L. K. Peacock, of Atco, N. J., was in the city last week and among other interesting dahlia information told me that his 102 acres this year will produce 1,300,000 roots, that he has over 1,000 named varieties and produces 50,000 to 100,000 seedlings every year, that out of 20,000 only one is considered worthy of saving and that out of 100 excellent new varieties so obtained, not over one is named. All poor ones are destroyed immediately after flowering.

Jos. Fenrich has added electric light to his other facilities and is much pleased with his progress as receiver of good roses and an abundance of them.

A. J. Guttman, of 52 W. Twenty-ninth street, and Chas. Weber, of Lynbrook, L. I., have bought the carnation known as red seedling No. 3 from Jos. Sakowich, of New Hyde Park, L. I., and control the output. The controversy relative to the original ownership of this seedling has been satisfactorily adjusted.

W. H. Gunther reports after a trip among his growers up the Hudson, that several of the "violetists" around Poughkeepsie and Highlands have thrown out violets entirely and are growing carnations, that the violets remaining show a better plant growth than for five years past and that, while last year fifty-six new violet houses were erected not one has been built this season, ensuring a reduction of the over-supply and a more uniform and satisfactory price for growers.

Chas. Millang has stocked his conservatories again with the best the plant market affords and I noticed a liberal space devoted to the new fern, Scottii.

J. Van Kleef, of Boskoop, Holland, is in the city with reference to his American agency and has arranged for its continuance with the C. H. Joosten estate as usual.

Suzuki & Iida have already distributed their big importation of Chinese lilies and have just received their first supply of Japanese callas. The war to date has not interfered with their business in any way. Messrs. Suzuki and Iida are both in Japan at present.

Reed & Keller have been busy men since the convention; never such a demand for supplies in their career as this fall. If their diagnosis of the pulse of trade is correct, a great season may be counted on.

The auctions from now on will be in full blast and the ram's horn will sound no more clarion echo than the voices of the aggressive auctioneers. Elliott begins to-day.

Martin Shonatus, gardener for Payne Whitney, at Great Neck, L. I., reports the loss of valuable and rare plants by vandals last week, over $500 worth being destroyed.

Michael Schultz, of Madison, N. J., died September 8, aged 73. He was the father of the three Schultz boys, prominent rose growers of that town, and the trade extends its sympathy in their bereavement.

Shaw's Garden, in St. Louis, now holds the big plants of Scottii so much admired at the convention and other plants from the convention exhibit are still on exhibition in the Horticulture building at the Fair.

J. K. Allen has a fund of interesting experiences of his European travels with which he delights his friends, but he is quite satisfied to spend his next fifty years under the stars and stripes.

Enterprise is in evidence at Chas. Zeller & Son's, in Flatbush, considerable building now being done and all stock in the houses and out of them in splendid condition for the approaching season. R. Dryer, of Woodside, also shows unlimited faith in the future and is adding constantly to his plant.

William Ghormley is back from his outing at Dansville, N. Y., and J. H. Troy has returned from Europe.

Henry Hentz, of Madison, has added the Tilden greenhouses to his extensive plant, which means more special rose shipments than ever this season. John Nash, of this house, has just completed his annual tour among the Jersey rose growers.

John Burton, of Philadelphia, and J. L. Dillon, of Bloomsburg, were among the week's visitors.

J. B. Nugent, Sr., one of the veterans of the business and 82 years of age is reported seriously ill.

J. Austin Shaw.

Columbus, Ind.—Chas. S. Barnaby found trade so good last season that he is adding two houses 23x100 feet for the purpose of increasing his facilities.

Nephrolepis Scottii

TO BE UP-TO-DATE YOU MUST GROW THIS NEW FERN.

See what President Breitmeyer, of the S. A. F. O. H., says about it. Also see what ex-President W. F. Gude says about it. Here are, further, some opinions from other plant experts—read them! The Judges at the Convention in St. Louis awarded the Society's Silver Medal, the highest award of that Society.

This fern also received the highest award from the Canadian Horticultural Association at Ottawa Convention—"A Certificate of Merit." The correspondent of The Florists' Exchange said: "It is a regular beauty, and a revelation to those who had only seen this fern in the small stages." Awarded S. A. F. O. H. Silver Medal at the Pennsylvania Horticultural Society's Spring Exhibition in Philadelphia, March 24, 1904. Awarded a Diploma by the American Institute, and also received the New York Florists' Club's Highest Award—"A Certificate of Merit."



JOHN BREITMEYER'S SONS.

Detroit, Mich.

MR. JOHN SCOTT.

Dear Sir:—I desire to express to you my very sincere appreciation of the magnificent exhibit of Scottii made at St. Louis. It was certainly one of the finest displays ever made at any S. A. F. Convention. Scottii is without a doubt the finest commercial Nephrolepis ever offered to the trade. The lot that you shipped me in June has more than fulfilled all that you claimed for it. Find enclosed my order for some of the larger sizes.

I predict it the most valuable Nephrolepis in existence to-day. PHILIP BREITMEYER.

A. GUDE & BRO., Florists.

1224 F Street Northwest, Washington, D. C.

August 29, 1904.

MR. JOHN SCOTT, Keap Street Greenhouses, Borough of Brooklyn, N. Y.

My dear Mr. Scott:—Your exhibit of the Nephrolepis Scottii at the recent S. A. F. Convention in St, Louis was so far superior to anything that I have seen at the conventions, that I wish to congratulate you upon the success you have attained in bringing within reach of all plant lovers, one of the most beautiful and useful of all ferns now in the market.

I predict for it a great future.

Believe me, sir, to be,

Yours very truly, WM. F. GUDE.

"THE ROSARY" FLOWER CO.

24 East 34th Street.

NEW YORK, June 1, 1904.

MR. JOHN SCOTT, Brooklyn, N. Y.

Dear Mr. Scott:—The twelve (12) specimen Nephrolepis Scottii in 14-inch tubs were received in perfect condition. They are without exception the most beautiful Nephrolepis I have ever seen.

My customers are delighted with them.

Yours truly, J. H. TROY.

R. DREYER, Florist.

Woodside, Long Island.

MR. JOHN SCOTT.

Dear Sir:—The 1000 Scottii Runners that you sold me in June have more than fulfilled all you claimed for them—it is the finest commercial fern ever introduced and it will positively take the place of the Boston fern. Anyone visiting here will be convinced that Scottii is all that we claim for it, when they see it. HERMAN DREYER.

DAVID CLARKE'S SONS, New York, say: "We have tried all the new introductions of Nephrolepis and in N. Scottii are certain we have at last found the ideal."

J. M. HODGSON, Florist, (Inc.), Newport, says: "Scottii is far better than the Boston in all sizes and will certainly take its place. We have tried all the other introductions, but fail to find them satisfactory for our class of trade."

H. A. DREER says: "It is the new Boston fern that has come to stay."

NEPHROLEPIS SCOTTII makes three times as many fronds as Boston in a given time. Fronds are always in proportion to size of plant. Plants are dense and bushy in all sizes.

IT IS THE MOST GRACEFUL AND SYMMETRICAL NEPHROLEPIS KNOWN.

SCOTTII is as far ahead of Boston, as the Boston was ahead of all other introductions. Visit my greenhouses and you will surely be convinced that **I have the finest lot of ferns,** in all sizes, **ever seen in the United States.**

Plants from bench, ready for 4-in. pots, $4.00 per doz.; $25.00 per 100; $200.00 per 1000.

Plants from bench, 5-in. pots, $5.00 per doz.; $35.00 per 100.

Plants from bench, 6-in. pots, $9.00 per doz.; $60.00 per 100.

6-inch pot-grown, ready for 8-in , $15.00 per doz.

7-inch pot-grown, $24.00 per doz.

8-inch pot-grown, $36.00 per doz.

AGENTS: H. A. DREER, Philadelphia; VAUGHAN'S SEED STORE, New York and Chicago; W. E. MARSHALL, New York; F. R. PIERSON CO., Tarrytown, N. Y.

JOHN SCOTT, Keap Street Greenhouses, Brooklyn, N. Y.

Branch at E. 45th St. and Rutland Road, Flatbush N. Y.

Tel. 1207 Williamsburgh.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex. Vice-Pres., C. L. Watrous, Des Moines; Sec'y Geo. C. Seager, Rochester; Treas., C. L. Yates Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

C. W. CARMAN has determined to remove his nursery business from Lawrence, Kan., to Fort Madison, Ia.

HEAD the peach trees low. That is, let them sprout out near the ground and make several trunks instead of one only. This advice is specially applicable to the northern edge of the peach belt.

IN planting his first Georgia peach orchard, J. H. Hale set his trees fifteen feet apart, but this proved too close. The later orchards, composed of Thurber, Waddell, Carmen, Hiley, Belle and Elberta, have been set twenty feet apart.

THE Tamarix Africana seems likely to find a large use as a box edging through its successful employment by the landscape department at the St. Louis World's Fair. It grows to considerable height, but by hard cutting back it may be kept quite low.

AN unusual feature, sure to attract attention on any lawn, is that form of the sumach known from its peculiar flower effect as the smoke tree or mist shrub. It is Rhus Cotinus. In the fall it makes a fine foliage effect.

KANSAS CITY, Mo.—Among the out-of-town nurserymen who were in the city to attend the funeral of J. C. Blair, of Blair & Kaufman, were E. Albertson, Bridgeport, Ind.; L. R. Taylor, Topeka; E. J. Holman and Col. U. B. Pearsall, Leavenworth, and A. Miller, Ottawa.

FORSYTHIA EUROPAEA.

John Charlton & Son, Rochester, N. Y., write as follows:

"In the Gardeners' Chronicle of January 16, attention is called to Forsythia Europæa, saying that it has been in the Berlin Botanic Garden for several years, but that it has not yet bloomed. We have the plant in our nursery, and have without doubt the first plant of its variety to bloom in America. So far, we have only heard of its existence in one or two places. We, in common with others, did not know of the existence of an European species until a recent period, and wonder how it could have escaped the attention of botanists so long.

"The late Mr. Thompson, of Ipswich, offered seeds of it four years ago, from which our plants were produced, and he only offered the seeds one season. This shrub is a good compact grower, of an upright habit, with no procumbent or drooping branches. Its flowers are about the same size as those of Forsythia suspensa, but are of a lighter shade of sulphur-yellow color, the flower stems are shorter or the flowers nearly sessile; and we should think when the plants attain age they would become very attractive. In foliage it is similar to F. suspensa, but the habit, as stated above, is very distinct from that variety. Forsythia suspensa is the finest early blooming shrub we possess here, forming when in bloom glorious drooping bushes of deep golden-yellow, which are very showy and most attractive."

Bay State Nurseries

HIGH GRADE NURSERY STOCK OF EVERY DESCRIPTION.

Free from Disease. Carefully Packed. Prices Reasonable. Personal attention given to every order.

A few Leaders:—BERBERIS THUNBERGII, SPIRAEA VAN HOUTTEI and CLEMATIS PANICULATA by the thousand.

NORWAY MAPLE. Extra fine, all sizes, in carload lots.

CALIFORNIA PRIVET. $12 to $30 per 1000.

RHODODENDRON MAXIMUM and KALMIA LATIFOLIA in carloads or smaller quantity. Wholesale Trade List on application.

WINDSOR H. WYMAN, NORTH ABINGTON, MASS.

Mention The Review when you write

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices. Ask for prices. Catalogue free on demand. No agents.

Mention The Review when you write

PETERSON NURSERY,

LINCOLN and PETERSON AVENUES, CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our Handy Reference Book, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Informations.

Mention The Review when you write.

CALIFORNIA PRIVET

400,000, 1 year, 2 to 4 branches, 12 to 18 inches.
300,000, 2 year, 4 to 8, " 20 to 24 "
250 0 0, 2 year, 6 to 10, " 24 to 36 "
50 000, 2 year, 6 to 12, " 36 to 48 "
25,000 3 year, 8 to 12, " 36 to 48 "

Two and three years. Has been transplanted. Write for Trade List and Prices.

J. H. O'HAGAN, River View Nurseries, Little Silver, N.J.

Mention The Review when you write.

PEONIES.

Festiva Maxima ..... $35.00 per 100
Fine White, generally called Queen Victoria ..... 9.00 per 100
Rose, the tall-growing, heavy-blooming variety ..... 6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

WATER AND STEAM.

In arranging my heating for my greenhouse for the coming winter I want to use water for mild weather and steam for cold. Now the point that is bothering me is whether I should put a check valve on the return? My boiler is two feet below the returns. J. Q. M.

A check valve should not be used on the return, as the weight of the check will retard the flow of water when running with hot water. If it is desirable to use valves at all, they should be those known as "gate" valves, which can be opened or closed at will and allow a straight course for the passage of the water. L. C. C.

Hydrangea Otaksa

6 to 10 Crowns,
$9.00 per 100; $80.00 per 1000.

CRIMSON RAMBLER AND D. PERKINS ROSES

3-year-old, $12.00 per 100.

SEND FOR SAMPLES.

OZONE PARK NURSERIES,

OZONE PARK, L. I., N. Y.

Mention The Review when you write.

Apple Seedlings, Apple Grafts

FOREST TREE SEEDLINGS, GENERAL NURSERY STOCK

WE ARE PREPARED to furnish Nebraska or Kansas-grown Apple Seedlings, and will contract to furnish piece root or whole root grafts in quantities. We issue no retail catalogue, and want replies from nurserymen or planters who buy in large quantities. Wholesale Price List ready Sept. 1. Satisfaction guaranteed.

SHENANDOAH NURSERIES,

D. S. LAKE, Prop. SHENANDOAH, IA

Mention The Review when you write.

POT-GROWN

Strawberry Plants!

CLYDE, GLEN MARY, BUBACH, HAVILAND, SHARPLESS, BRANDYWINE, $2.50 per 100 ——— $20.00 per 1000

CASH WITH ORDER.

J. H. RAINSBURY, Bernardsville, N. J.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

FRESH RIBBONS

Would your trade be satisfied with old flowers?
Then why use the old hackneyed ribbon of your grandmother's time.
We are CREATORS of new ribbon ideas for florists.

TRADE MARK REGISTERED. **The prettiest millinery or dry goods ribbon oft appears incongruous as a garniture for flowers.**

OURS ARE FLORISTS' RIBBONS. WHY USE THE OTHER KIND?

LION & WERTHEIMER,

MANUFACTURERS OF RIBBONS

"THE CONQUEROR BRAND." 463-467 BROADWAY, NEW YORK CITY.

CLEARING OUT

SALE OF NURSERY STOCK

Land taken into the city cause for wanting to sell the entire Nursery Stock in one lot or part. A good bargain to anyone who will buy the entire lot. Stock is all merchantable size.

6,200 Shade Trees—Ranging from 7 to 15 feet, average 12 feet, mainly comprising Sugar and Norway Maples, Linden, Elms, Horse Chestnut, etc.
4,900 Evergreens—Spruce, Arbor-vitae and Retinospora, in variety, ½ to 10 feet high.
5,400 Shrubs—In variety, 1 to 4 feet high.
300 Yucca—Strong, 6-year-old Clumps.
300 Privets—Standards, nice heads, 6-year-olds.
400 " Round Bushes, shorn 6-year-olds.
30,000 " Heavy, for Hedging, 3-year-olds.
100,000 " Strong, for Hedging, 2-year-olds.

SEND FOR LIST

C. RIBSAM & SON, Trenton, N.J.

Mention The Review when you write.

Privet, Silver Maples, Carolina Poplars,

LOMBARDY POPLARS, CATALPA SPECIOSA, VINES, all in surplus.

Also OTHER SHRUBS AND TREES IN LARGE ASSORTMENT.

SHREWSBURY NURSERIES, EATONTOWN, N. J.

SEND FOR WHOLESALE PRICE LIST.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Always mention the Florists' Review when writing advertisers.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE Japanese longiflorums are in on time.

THE California crop of beans is now reported as very seriously injured.

IF nothing unfavorable occurs from now on good deliveries of green podded beans may be expected.

S. B. DICKS, representing Cooper, Taber & Co., London, Eng., returns to Chicago from the northwest September 15.

C. S. CLARK, Wakeman, O., says that he cannot see anything which would indicate a surplus of sweet corn for this season.

J. W. BEBUS, formerly with Wm. Elliott & Sons, New York, has gone into the bulb and plant business at 120 Liberty street, New York.

THE pea growers are beginning to receive the year's crop from the farmers and definite news of how the crops have turned out will soon be made known.

IT is stated that the melon land in the vicinity of Rocky Ford, Colorado, is losing its virtue as a peculiarly favorable soil for insuring quality in the cantaloupes that are raised there in such quantity.

AT the time of going to press frost is reported from Nebraska vine, seed and sweet corn belt. It is not known yet what effect this may have on the crops but it is feared that considerable damage has been done.

LONG ISLAND SEED CROPS.

J. M. Lupton writes: "Our seed crops this season have not given us average yields as a rule. Spinach produced about one-third of a crop and contract deliveries were short. Siberian kale was

SUZUKI & IIDA
CHINESE SACRED LILIES
JAPAN-GROWN CALLAS
On Hand Now. Prices on Application.
31 BARCLAY ST.
NEW YORK.

about half a crop. Curled Scotch kale was nearly all killed by the winter and but little seed was produced. It was the same with Brussels sprouts. Some varieties of cabbage are sufficient for the demand, but the crop is very short on a number of the second early sorts; on several of them only forty per cent deliveries seem quite probable at this date, September 6."

CONNECTICUT SEED CROP.

The Everett B. Clark Co., Milford, Conn., writes September 8: "Our crops of turnip, parsnip, beet and onion have all been harvested and are all good average crops, yield and quality good. Carrot is very poor and sweet corn has ripened down considerably the past two weeks, but is not a large yield."

EASTERN SEED CROPS.

The D. Landreth Seed Co. writes that "in the east the seed crops so far harvested of such families as cabbage, kale, turnip, radish and spinach have been very deficient in product on account of too much rain and too low a temperature.

"The seed crops not yet harvested, consisting of pepper, egg plant, melon and cucumber, are doing poorly for the same reason, growing too much to leaf and producing very little fruit.

"The acreage in onion sets in Pennsylvania, New Jersey and Delaware was curtailed to almost nothing, the result of an indisposition to pursue the culture on account of low prices. The crop, even on a reduced acreage, has been unsatisfactory this year in the yield, but there are indications of better prices being obtainable. Field corn looks well, but is very tall and late."

GEORGIA SEED CROPS.

Mark W. Johnson, Atlanta, Ga., writes that "seed crops in our growing territory are encouraging. Most crops will fall below an average. Cucumber about fifty per cent; early corn about seventy-five per cent; squash and pumpkin fifty per cent; Rattlesnake watermelon very short, other varieties seventy per cent; okra sixty per cent; Giant Curled mustard and Seven Top turnips seventy-five per cent; Georgia collard seventy per cent. Field crops so far are unusually fine, corn and cow peas 100 per cent. Rains are, however, too copious now and unless they cease soon these crops will be damaged. Successive years of short garden seed crops create the belief in the minds of our farmers that seed growers have cornered the business in order to obtain exorbitant prices, an unfortunate condition."

CALIFORNIA SEED CROPS.

C. C. Morse & Co., Santa Clara, Cal., write under date of September 8:

"We expect to fill practically all of our garden seed orders in full, with the possible exception of a few varieties of white radish and possibly some tomato shortages. Onion is again a full crop, but the total acreage, we believe, is considerably less than that of last year and the average yield is probably not quite so good. This, we believe, has a tendency to reduce surplus somewhat. This has been a decidedly unfavorable season for tomato crop, the summer having been far too cool, but with the extremely warm weather we are having at present it should hasten the ripening of fruit and may yet turn out all right. Sweet peas did not turn out very well, and we had quite a number of shortages on named varieties, as well as on mixtures. Other flower seeds, such as asters, verbenas, poppies, mignonette and cosmos, are all looking well and promise a full crop."

NEBRASKA SEED CROPS.

Frank T. Emerson, of the Western Seed and Irrigation Co., Fremont, Neb., writes as follows, September 7:

"The past season in Nebraska has been exceedingly unfavorable for corn, both sweet and field varieties, owing to almost constant wet weather. In the months of June and July we had but twelve days that permitted field cultivation. Crops, therefore, have been produced under unusually unfavorable conditions and are at least three weeks later than usual in reaching maturity. Late varieties at present writing are by no means in a condition to warrant surety against frost and will not generally be safe until the last week of September.

"Vine seed crops, viz., cucumber, muskmelon, squash, pumpkin, etc., promised a liberal yield until about the middle of August, when a period of generally dry weather began, accompanied with warm days, quite hot winds and cold nights, checking growth of vines and fruit and materially reducing prospective yield of seed.

"In our opinion the crop of vine seeds in general, estimated the middle of August, will fall short at least fifty per cent, and in some instances even more, depending upon weather conditions, during the next fifteen to twenty days."

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Paper White Narcissus
Direct from France, best quality and size, measuring 13 cms. and over. In cases of 1400 to 1500 bulbs.
Paper White Totus Albus $7.50 per 1000.
HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

FLORISTS' BULBS
—OF—
HIGHEST QUALITY.
Get our prices before buying elsewhere. . .
E. F. Winterson Co. { E. F. Winterson / John P. Degnan / L. H. Winterson
Established 1894
45-47-49 Wabash Ave., CHICAGO.
Mention The Review when you write.

For Seedsmen!
Have on hand, from German Pansy Specialist, 3½ lbs. Giant Trimardeau Pansies, leading varieties. Will sell them at $42.00 net, cash. Seed guaranteed true to name and germination.
FERD. SCHOEMBS, Florist
75th Street, cor. Lexington Ave.
NEW YORK CITY.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to
JULIUS HANSEN,
PINNEBERG, (Germany).

LILY OF THE VALLEY
From cold storage, $1.50 per 100; $14.00 per 1000.
Headquarters for finest CUT VALLEY.
H. N. BRUNS,
1409 W. Madison St., CHICAGO.

Now Ready for Delivery
LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.
W. W. RAWSON & CO., Seedsmen.
12-43 Faneuil Hall Square, BOSTON.
Mention The Review when you write.



Freesia Bulbs!

	100	1000		100	1000
First Size, 5/8-in. and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " 3/4-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Thorburn's Bulbs

OUR WHOLESALE

TRADE PRICE-LIST

OF

HIGH CLASS BULBS

AND

CHOICE FLOWER SEEDS

FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Lilium Harrisii

CAREFULLY SELECTED, TRUE STOCK, FREE FROM DISEASE.

☞ A LOW PRICE FOR IMMEDIATE ORDERS TO CLOSE OUT.

5-7-inch, $4.00 per 100; $36.00 per 1000.

7-9-inch, 8.00 " 78.00 "

Henry F. Michell Co. 1018 Market St. Philadelphia

Mention The Review when you write.

Fresh Importation Just Received ENGLISH MILLTRACK



MUSHROOM SPAWN

The product of the best maker in England that never fails to please the most critical mushroom growers. A treatise "How to Grow Mushrooms" sent with every order.

Per Brick, 1¼ lbs..... 15c; postpaid, 25c.
Per 10 lbs..... 80; per 25 lbs..... $1.50.
Per 100 lbs.... $6.00; per 1000 lbs..... $55.00.

Special quotations will be made on larger quantity.

Now ready French and Dutch Bulbs. Send for our New Autumn Bulb List.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

CHRISTMAS Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price, per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,

The Originator, GRAND VIEW, N. J.

POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.

BIG CALLA BULBS

Diameter.	Per 100	Per 1000
2 to 2½ inches....	$12.00	$100.00
1¾ to 2 inches....	7.00	60.00
1 to 1¾ inches....	4.00	35.00

All with good center shoots sound, ripe and healthy. Dutch, French and Bermuda Bulbs now ready. Send for catalogue.

ARTHUR T. BODDINGTON, SEEDS, BULBS AND PLANTS, 342 WEST 14th STREET, NEW YORK

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅝ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅝ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Lawn Grass Seed in bulk and packages



Special Prices to dealers. GOLF MIXTURES.

THE ALBERT DICKINSON CO.

Minneapolis. Chicago.

Burpee's Seeds Grow

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK,

DAHLIAS. See Florists' Exchange of this week. See our Special Offer of extra field-grown carnations on page 827

The Wholesale Florist, Commencing Sept. 1, open daily, 7 a. m. to 6 p. m. PHILADELPHIA.

Mention The Review when you write.

KAISERIN ROSES, ASTERS, CARNATIONS

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

MEALY BUG ON BOSTONS.

Please tell me of a good solution or other method of getting rid of mealy bugs on Boston ferns. J. C.

Fumigating with aphis punk is one of the safest and best remedies for mealy bug on Boston ferns, this preparation being entirely harmless to the ferns when used according to directions. The directions given by the makers of the punk suggest the use of three rolls of the preparation to a greenhouse 20x100 feet in area, but I have used double that quantity without injury to the plants. The fumigation should be given in the evening and preferably when the weather is cloudy and damp, as the smoke stays in the house much longer under such conditions, and two or three smokings on successive evenings may be needed to make a clearance of the insects. W. H. Taplin.

CATALOGUES RECEIVED.

California Rose Co., Los Angeles, Cal., roses; United States Nursery Co., Rich, Miss., field-grown roses and ornamentals; Aurora Nursery Co., Aurora, Ill., fruit and ornamentals; S. J. Galloway, Eaton, O., hardy plants; Peter Henderson & Co., New York, bulbs, plants, etc.; J. W. Bebus, New York, bulbs and plants; Taylor Bros., Dubois, Pa., plants.

Waverly, Ia.—P. A. Case is rapidly completing a new greenhouse, which will give him about four times his former glass area.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Send catalogues to D. A. Graham, 534 N. Moffett ave., Joplin, Mo.

WANTED—A good grower of roses, carnations and pot plants to take full charge; single man preferred. Address with reference, No. 20, care Florists' Review, Chicago.

WANTED—An experienced man to take charge of a poultry house on a private estate; steady position. Apply to T. W. Head, Groton, Conn.

WANTED—An experienced man to grow peaches, nectarines and grapes under glass, on a private estate. Apply to T. W. Head, Groton, Conn.

FOR SALE—Owing to the death of the proprietor, the Lake Geneva greenhouses are offered for sale. For particulars address W. H. Hammersley, Lake Geneva, Wis.

WANTED—At country place (private), a man to milk cows and do work of garden and small greenhouse. Address with references and wages expected, Mrs. Crump, Nitta Yuma, Miss.

FOR SALE—A set of Bailey's Encyclopedia of American Horticulture; four volumes; perfectly new, never used; will sell for $15 cash. A. Wenisch, florist, Duncombe ave., Williamsbridge, N. Y.

FOR SALE—Walker & Pratt sectional hot water boiler and 1200 feet of 3-inch cast pipe with all fittings. Address Covington Seed Co., Covington, Ky.

SITUATION WANTED—Young man, 21 years, wants position in first-class establishment in which he can learn to grow general stock; has had four years' experience at designing and decorating, but wishes to become a grower and work himself up. Address No. 22, care Florists' Review, Chicago.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Competent night fireman; must be strictly temperate and industrious; wages $45 per month. J. W. Dunford, Clayton, Mo.

WANTED—To lease for $150 5000 feet glass and stock in good factory town of about 5000; no competition: a chance of a life time. Jos. R. Johnston, Dunkirk, Ind.

FOR SALE—A good No. 16 Hitching's hot water boiler; cash $50 f. o. b. Draper & Clark, Greensburg, Ind.

WANTED—A No. 1 decorator and storeman capable of good design work, sober and not afraid of work; satisfactory terms to right man; full references and where last employed. Address W. L. Rock Flower Co., Kansas City, Mo.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, dwelling and 2½ acres; best location in state; home water system; coal 50 cents per ton. G. L. Tyler, Dubois, Pa.

SITUATION WANTED—As assistant florist by young single man, age 30 good references; commercial or private place. Newton, 426 Mound Street, Monongahela, Pa.

FOR SALE—Cheap; 150 lights, second-hand greenhouse glass 10x28 inches. F. J. Pratt, Faribault, Minn.

SITUATION WANTED—After the 1st of October, by an all around florist and gardener. 27 years of age; Swede; life experience in Europe and this country; charge of private place preferred; first-class references; please state wages. Address No. 23, care Florists' Review, Chicago.

SITUATION WANTED—With wholesale rose grower, or on up-to-date commercial place near Chicago; young man 21; 3 years' experience; strictly sober; reference. Address No. 24, care Florists' Review, Chicago.

WANTED—A man with $500 or more to invest in nursery and floral business, and take charge of floral part; must be a steady man of good character; location in a thrifty town of 12 000 in north Texas; a splendid opportunity for right man; correspondence solicited. Greenville Nursery and Floral Co., Greenville, Texas.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6,000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

FOR SALE—An elegant greenhouse plant of 12 650 sq feet of glass; 1¼ acres of land; buildings all recently built; stocked with roses, carnations, chrysanthemums and smilax; good wholesale or retail trade; an excellent opportunity for party with capital. Address No. 18, care Florists' Review, Chicago.

FOR SALE—1 000 feet 4-in. cast pipe, 8c per foot; fittings at 15c each, f.o.b. Chase & Son, New London, Ohio.

WANTED—Situation on a private place near Chicago by a good all-around gardener; references. Address No. 15, care Florists' Review, Chicago.

WANTED—First-class experienced rose grower for teas; $60.00 per month; good reference required. Miller & Sons, Bracondale, Toronto, Can.

FOR SALE—Or rent, greenhouse of 1,300 sq. ft. of glass and 11 acres of land; 5-room house and all outbuildings. Address Box 34, Rogers, Ohio.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot; also some 4-inch. W. H. Salter, Rochester, N.Y.

FOR SALE—Three acres; 3 large greenhouses complete new 7-room house; best soil and location; half hour from New York City, on Long Island; terms to suit. John A. Rapelye, Elmhurst, L. I.

FOR SALE—Six greenhouses, good location; sickness cause of sale; reasonable price. Address Anton F. Schramm, 2476 Cherry Street, Toledo, Ohio.

WANTED—Before September 25, a first class grower of roses and carnations; wages $60.00 per month; place permanent. Address No. 4, care Florists' Review, Chicago.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

Situation Wanted.

By an all around grower of cut flowers and florists' plants, position as foreman or manager on wholesale or retail place; over 20 years experience in all branches of the business; would accept a position as propagator on large place in vicinity of Chicago. Address

NO. 19,

Care Florists' Review, Chicago.

Wanted

By a fully experienced florist (Scotchman) position as foreman, working foreman or section man in establishment where first-class cut flowers are required; fifteen years at the business in this country; used to handling men to advantage; can furnish best of references. Address No. 21, care Florists' Review, Chicago.

FOR SALE.

100 boxes 16x24, 50 boxes 16x18 glass, double thick $2 60 per box. Two Hitchings Boilers No. 57 and No. 19 prices on application. One Sectional Boiler No. 1, Mercer make. 10 sections can be used for steam or hot water, cost $356, price, $70. 10,000 carnation plants, 20 different varieties, including some of the very best, at lowest prices. Entire lot must be closed out within the next 60 days to make room for building lots.

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24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
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	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00
" " " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
GOLDEN GATES	2.00 to 4.00
CARNATIONS	1.00 to 1.50

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For plants or bulbs address

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Wholesale Cut Flower Prices.

Philadelphia, Sept. 14.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
" " Extra	1.50 to 2.00
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.00
" Fancy	1.50
" Novelties	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Asters, Ordinary	.75 to 1.00
" Fancy	1.50 to 2.00
Valley	2.00 to 4.00
Hydrangeas	2.00 to 3.00
Gladiolus	1.00 to 3.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50 to .75
Yellow Daisies	.75 to 1.00
Tubroses	2.00 to 4.00
Dahlias, Small	.50 to .75
" Medium	1.00 to 1.50

ALTOONA, PA.—A. S. Myers was one of the judges of floral exhibits at the inter-state fair at Johnstown.

SHARPSBURG, PA.—H. F. Schultz is building two houses, 10x74, for carnations and one for bedding plants, also a boiler house, 12x25.

FRED EHRET,

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Exceptionally fine plants; sturdy and vigorous, 6-inch pots, 15 to 18 inches high above pot; $1.00 each, $12.00 per dozen.

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Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter. **Whitestone, N. Y.**

Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

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VENTILATION.

I am planning the erection of another greenhouse and would like some information with regard to ventilation. I notice that most of the larger places in the west, as illustrated from time to time in the REVIEW, use alternating ventilators on each side of the ridge while some use continuous ventilation on one side only. What is the idea? Does one get better ventilation by using the alternating rather than the continuous sash?

A. H. D.

The alternating style of ventilation, as shown in the illustration of the United States Cut Flower Company's plant at Elmira, N. Y., published August 25, is considered by experts to be the ideal and is now used by most modern builders. The advantages obtained by this system over continuous ventilation are, first, that during continued damp weather the expansion of the ventilator sash does not interfere with its closing tightly; second, during high winds the resistance is reduced to a minimum, at the same time affording quite as free an access to fresh air. Another very valuable advantage lies in the fact that ventilation can be readily alternated to suit either a north or south wind. There is very little difference in the cost of construction, but the difference in cost of maintenance is decidedly in favor of the alternating method.

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Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

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Buffalo, Sept. 14.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.20 to 2.00
Gladiolus	.50 to 2.50
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.15 to .20

MY adv. in the REVIEW did the trick. Thanks.—R. M. SCHULTZ, Madison, N. J.

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Ivy Leaves—English	2.00 "
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		Per 100
Beauties,	Specials	$12.00 to $20.00
"	Extra	10.00 to 12.00
"	No. 1	5.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	2.00 to 4.00
" "	Extra	1.50 to 2.00
" "	No. 1	1.00 to 1.50
" "	No. 2	.50 to .75
Golden Gate		1.00 to 4.00
Liberty		1.00 to 8.00
Mme. Chatenay		1.00 to 4.00
Meteor		1.00 to 3.00
Orchids, Cattleyas		40.00 to 50.00
Carnations,	Common	.25 to .50
"	Selects	.50 to .75
"	Fancies	1.00 to 2.00
"	Novelties	1.50 to 2.50
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri	per bunch,	8.00 to 10.00
Asters		.50 to 2.00
Dahlias		.50 to 2.00
Gladioli		.35 to .75
Lilies		4.00 to 6.00
Lily of the Valley		1.00 to 2.00
Smilax		6.00 to 8.00

The REVIEW has been of great benefit to us.—W. H. NEWMAN, Akron, N. Y.

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Chicago, Sept. 14.

		Per doz.
Beauties, Long stems		$3.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
Shorts	per 100, $4.00 to $5.00	
		Per 100
Bridesmaids, Specials		$4.00 to $5.00
" Firsts		2.00 to 3.00
Brides, Specials		4.00 to 5.00
" Firsts		2.00 to 3.00
Liberty, Specials		5.00 to 6.00
" Firsts		2.00 to 4.00
Golden Gate, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Kaiserin, Firsts		6.00 to 8.00
" Seconds		3.00 to 5.00
Meteor, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Ivory, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Perles, Firsts		4.00 to 5.00
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Chatenay		3.00 to 6.00
Carnations		.50 to 1.50
Asters		.50 to 1.50
Shasta Daisies		.50 to 1.00
Tuberoses		1.00 to 5.00
Easter Lilies	per doz.	1.50
Auratums	"	1.25 to 1.50
Gladioli		1.00 to 3.00
Dahlias		1.00 to 2.00
Asparagus, Strings		25.00 to 50.00
" Sprays	per bunch,	.25 to .35
Sprengeri	"	.25 to .35
Smilax	per doz.	1.50

We highly value the Review, indeed we cannot dispense with it.—F. H. De Witt & Co., Wooster, O.

The Review is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSweeney.

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CARNATIONS.

Hill	$5.00 per 100.	Portia	$4.00 per 100
Louise	5.00 "	Prosperity	6.00 "
Joost	5.00 "	Lillian Pond	6.00 "
Scott	4.00 "	M. Glory	6.00 "
McGowan	4.00 "	Fair Maid	6.00 "
Melba	5.00 "	Eibon (red)	4.00 "
Crane			5.00 "
Bouvardia (strong field-grown)			8.00 "
Stevia (strong field-grown plants)			8.00 "
Violets, 3-in. (California)			30.00 per 1000
Violets, 3-in. (Lady Campbell)			30.00 "

Asparagus Plumosus, 2½-in	4.00 per 100
Asparagus Plumosus, 3-in	8.00 "
Adiantum Farleyense, 4-in	4.50 per doz.
" Cuneatum, 4-in.	$1.25 doz. 10 00 per 100
Latania Borbonica (good strong plants) 5-inch, $3 00 per doz.	
Pandanus Veitchii, 6-in	$1.00 each.
Boston Ferns, 10-in	1 50 "
Giant White Daisies strong, 3-in	$5 00 per 100.
Buttercup Primroses, strong, 2-in	10.00 "

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VALLEY,
Very fine stock in quantity.

BEAUTIES,
We have more of them and they are finer than can be found elsewhere.

1235-37 Filbert Street, PHILADELPHIA, PA.

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Wholesale Cut Flower Prices.

St. Louis, Sept. 14

		Per doz.
Beauties,	Specials	$3.00 to $4.00
"	Extra	1.50 to 2.00
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$3.00 to $6 00
" "	Extra	1.50 to 2.50
" "	No. 1	.50 to 1.00
Carnot		4.00 to 5.00
Golden Gate		3.00 to 6 00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 6.00
Meteor		2.00 to 6.00
Carnations, Common		.75 to 1.00
" Fancies		1.50 to 2.00
Adiantum Cuneatum		1.00 to 1.25
" Farleyense		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.55
Asters		.75 to 2.00
Gladiolus		2.00 to 3.00
Lily of the Valley		3.00 to 4 00
Smilax		12.50 to 15.00
Tuberoses		1.50 to 2.00

Milwaukee, Sept. 14.

		Per 100
Beauties, Extra		$25.00
" No. 1	$10.00 to	18.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, No. 1		4.00
" " No. 2		2 00
Golden Gate	2.00 to	4.00
Kaiserin	2.00 to	5.00
Liberty	2.00 to	6.00
Mme. Chatenay	2.00 to	6.00
Meteors	2.00 to	5.00
Carnations	.75 to	1.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	3.00 to	4.00
" Sprengeri "	3.00 to	4.00
Asters	.50 to	1.00
Gladiolus	.75 to	2.00
Lilium Auratum	1.00 to	1.50
Lily of the Valley	2.00 to	4 00
Smilax	8.00 to	10.00
Sweet Peas	.25 to	40.00

Wholesale Cut Flowers Florists' Supplies

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MILWAUKEE, WIS.
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FANCY FERNS, $1.00 per 1000.
DAGGER FERNS, 90c per 1000.
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Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
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All Flowers in Season CONSIGNMENTS SOLICITED
Prompt returns and best of care given all consignments.
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H.G.Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.
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Wholesale Cut Flower Prices.

Cincinnati, Sept. 14.

			Per 100
Beauties,	Extra	$15.00 to	$20.00
"	No. 1	10 00 to	12.50
"	Shorts	3.00 to	5.00
Brides and Maids,	Extra		4.00
" "	No. 1		3.00
" "	No. 2		2.00
Cusin		2 00 to	4.00
Golden Gate		2.00 to	4.00
Kaiserin		2 00 to	5.00
Liberty		2.00 to	4.00
Mme. Chatenay		2 00 to	5.00
Meteor		2.00 to	4.00
Perle		2 00 to	3.00
Sunrise		2.00 to	3.00
Carnations, Common			.50
" Pink.		.75 to	1.00
" Fancies		1.50 to	2.00
Adiantum Cuneatum		1.00	
Asparagus Plumosus, Strings		35.00 to	50.00
" " Sprays		4.00 to	5.00
" Sprengeri, "		2.00 to	3.00
Asters		.50 to	2.00
Dahlias		2.00 to	4.00
Gladiolus		2.00 to	3.00
Lilium Longiflorum		10 00 to	12.50
Lily of the Valley		3.00 to	4.00

Pittsburg, Sept. 14.

			Per 100
Beauties,	Specials	$20.00 to	$25.00
"	Extra	12.00 to	15 00
"	No. 1	6.00 to	10.00
"	Shorts	3.00 to	5.00
Brides and Maids		2.00 to	6.00
Cusin		2.00 to	4.00
Kaiserin		2 00 to	10.00
Liberty		3.00 to	6.00
Mme. Chatenay		2.00 to	4.00
Carnations		.50 to	1.50
Adiantum Cuneatum			1.00
Asparagus Plumosus, Strings		25.00 to	50.00
" " Sprays		1.00 to	2.00
" Sprengeri "		1.00 to	3.00
Asters		.50 to	2.00
Gladiolus		2.00 to	4.00
Lily of the Valley			4.00

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., **CINCINNATI, OHIO.**
Solicits your orders with confidence that he can serve you to your entire satisfaction.

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THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 2018 M.
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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

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2319 AVENUE M. **Galveston, Tex.**

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Florists' Review

When Writing Advertisers.

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ESTABLISHED 1873.

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Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

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All Orders Given Prompt and Careful Attention.

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..IS NOW..

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You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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J. J. BENEKE,

1220 Olive Street, **ST. LOUIS, MO.**

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

THEY SAY that October now rivals June as a month for weddings.

Have you the ribbons, the RIGHT RIBBONS that you need for the decorations and for the flowers carried by the bride and bridesmaids?

Know that we weave ribbons, narrow and wide, of satin, of taffeta, of gauze; and all with that distinctiveness that stamps PINE TREE RIBBONS as the RIGHT RIBBONS for Florists to use.

And yet — the prices are less than cheaper qualities sold elsewhere, because — when buying from the mill, **"YOU SAVE ALL BETWEEN PROFITS."**

The Pine Tree Silk Mills Company
Philadelphia

Ribbons are sold in any desired quantity from a 10-yard piece upwards. Write for samples and compare with the ribbons you now use. The prices and qualities will be convincing. These are our special grades. In all widths.

MONARCH — Satin Taffeta — CLIMAX
CONQUEROR — Metallic Taffeta — CYCLONE

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HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

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For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

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Manufacturers and Importers of all kinds of
WILLOW AND FANCY BASKETS
and FLORISTS' SUPPLIES,
114 West 28th Street, Between 6th and 7th Aves., **New York.**

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76-78 Wabash Ave., CHICAGO,
Importers and Manufacturers of
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Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

CINCINNATI.

The Market.

Trade is very much the same as reported last week, with the supply of stock somewhat larger. Beauties especially are in large supply and they are of good quality also. Other roses are not very plentiful, except very short-stemmed ones. Some good Chatenay are coming in. Dudley, of Parkersburg, W. Va., sends some nice blooms of this rose.

Asters are reduced in quantity every day and the end seems to be in sight. Those to be had come from the north and are of fine quality. Carnations are still scarce, there being scarcely any. Gladioli are not very plentiful. There has been a good demand for lilies and valley and very little supply to take care of it. Long, fine dahlias that sell well are coming to E. G. Gillett from the Cushman Co. This firm is also sending some fine gladioli.

Jewish New Year's brought forth a lively demand for stock last Friday and Saturday and most of the commission houses were cleared out early in the day.

Various Notes.

Julius Baer has received notice to vacate his present quarters within a year, as the building will be torn down. There are four retail stores on Fourth street between Walnut and Main, all of which are in rather old buildings that will soon be raized to make way for modern structures. This will make it necessary for these florists to find new quarters and, as this block now constitutes the main retail cut flower district of the city, it will bring about a shifting of retail stores that will be watched with considerable interest. But after all it is the man who handles the best quality of flowers, who treats his customers well and who does not overcharge them who gets the trade. The matter of location is not the first consideration in a first-class flower store.

Grasshoppers have been causing considerable damage to carnation plants lately and others report trouble with thrips.

Wm. Murphy has just returned from his trip to Snow Islands. He is looking very well and reports fishing very good.

J. T. Conger has gone to Cleveland to attend the convention of the J. O. A. M.

Fred Gear had two large wagonloads of floral designs for the funeral of Judge Nipert, besides a third wagonload for another funeral.

Chas. Pommert was in the city Monday. He is sending in some fine green goods. He reports the goldfish crop as very large this year.

E. Ostemdorf is receiving congratulations. It is a fine boy and looks just like papa.

The regular meeting of the Florists' Society was held last Saturday. The main topic for discussion was our flower shows. It was finally decided to revise the schedules and rules somewhat and to give three shows, the first being a chrysanthemum show, to be held the second Saturday in November. A committee consisting of R. Witterstaetter, Wm. Murphy, Geo. Murphy, Wm. Rodgers and Ben George was appointed to make the necessary arrangements and see to raising the money for prizes. The committee will meet next Sunday afternoon at R. Witterstaetter's home to commence work. Our flower shows have been the mainstay of our society and it is to be hoped that everyone will enter into them with as much spirit this year as they have been accustomed to in the past.

Chas. Brunner and brother have just returned from the World's Fair.

Mr. Fancourt, of Philadelphia, was a visitor, as was Robt. Buck, of Greenfield, O.

C. J. OHMER.

ALEDO, ILL.—Charles McChesney put his place in good shape and then went to his old home at Burlington, Ia., for a rest. He looks for a good season.

MANCHESTER, N. H.—Freeman M. Smith, who is conducting the old Neal greenhouses, has torn them down and rebuilt them in good shape on land recently purchased of R. G. Sawyer.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

It registers 98 degrees in the shade and the effect of this is to bring the balance of the aster crop into town with a rush and from present indications we will not have them much longer with us. The chrysanthemums are being brought on in a hurry and it will be only a few days until we are swamped by them. We have had indoor mums for several weeks and they have been very fair sellers. They cost the stores on an average of from $2 to $2.50 per dozen. Roses have a very shabby appearance and it will be some weeks before they are normal. Maids are about the best, with a few good Brides here and there. The weather does not favor Beauties and they are very poor. Carnations are in good demand and of only fair quality. A great many of our larger growers are still changing their houses and it makes this rather an off season for blooms. Violets are a little more plentiful. The weather has been so warm that it is almost impossible to keep them in good selling shape over a few hours. Business has only been fair, notwithstanding that we have had many thousands of visitors in town.

Various Notes.

The Alcazar florists have given up the store in the Alcazar Theatre building.

Thos. H. Stevenson has been using large baskets of assorted fruits to good advantage in decorating his windows in the Palace hotel during the Knights Templar conclave.

The show of flowers kept on exhibition at Sievers & Boland's Post street store has rarely been equaled in San Francisco and is a splendid advertisement for California and for this enterprising firm.

Misses Wallenberg & Montpelier report that their prospects for decorating during the coming season are very good. They have two large house decorations for next week.

H. Plath, of Ocean View, is erecting a fern house 25x80 feet. This is the thirteenth house devoted to ferns, palms and smilax, of which Mr. Plath has one of the largest assortments on the coast.

The Society Hortensia will give a flower show in Oakland this week.

W. V. Eberly is at present acting as manager for the California Nursery Co., at Niles; the position was made vacant by the death of the late John Rock. G.

A NEW PARASITE.

One of the most important discoveries that has ever been made for the benefit of horticulture is announced. The parasite that destroys the codlin moth has been found in South America, by George Compere, who is employed jointly by the State of California, through Horticultural Commissioner Cooper, and by West Australia. The genuineness of the discovery is vouched for by the fact that the apple orchards that are the habitat of the newly found parasite bring ninety-five per cent of their fruit to maturity. In California, as well as other countries, the product of the world's apple and pear orchards has not been more than thirty-five to forty per cent of the promise at setting.

The codlin moth is to be found wherever these fruits are grown. This insect causes apples and pears to be wormy and drop prematurely from the trees and within the last ten years it has fully identified itself with our entire orchard country. It is said that wherever the codlin moth lives, the codlin moth parasite will also thrive, regardless of extremes of temperature. Consequently the discovery becomes at once of world-wide importance. The first of the codlin moth parasites will probably reach San Francisco before the expiration of the present year, when the work of multiplying them will at once be prosecuted. G.

MILWAUKEE.

Death o Frank Whitnall.

Frank Whitnall, a pioneer resident of Milwaukee, died September 10 at the residence of his son, C. B. Whitnall, aged 74 years. Mr. Whitnall was born at Leeds, England, in 1830. He came to the United States when a boy of 16 years, making his way alone to Milwaukee, where his brother, William, had preceded him. Later Frank Whitnall studied botany at Oberlin College and purchased five acres of land along the Milwaukee river, the property on Humboldt avenue being now known as the Whitnall homestead. He subjected many native wild flowers to cultivation and improved them greatly. Later his son, C. B. Whitnall, took up the business and conducted it for many years. Mr. Whitnall is survived by his wife, their son, two brothers and one sister. For several years Mr. Whitnall resided in Los Angeles, but returned to Milwaukee recently, feeling that his illness was fatal.

ROCK ISLAND, ILL.

At a regular monthly meeting of the Tri-City Florists' Club, held September 8, at Henry Gaethje's greenhouse in South Rock Island, the members decided to have the organization incorporated. John Temple, of Davenport, was appointed a committee of one to have charge of the preliminary arrangements.

The members listened to two very interesting and instructive talks during the evening. "The Humorous Side of a Florist's Life" was described in an amusing manner by Harry Bills. Emil Boehn talked of "Cyclamens" and brought out many valuable points. The delegates to the national convention in St. Louis also made their report. The next regular session of the club will be held in Moline on the second Thursday in October. At this meeting addresses will be made by George Forber and Theodore Ewoldt. Light refreshments were served after the business of the evening had been concluded.

FAIRBURY, ILL.—Kring Bros. are doing a nice business in field-grown carnation plants, their largest shipment having been to a buyer in New York.

QUINCY, MASS.—Malcom Orr has bought the Miller place in North Saugus and has the houses planted to double violets and chrysanthemums, all looking fine, especially the violets, of which he is a first-class grower. Mr. Orr will sell his cut at the new market in Boston.

Boston Ferns.

Nice, clean stock, from 2¼-inch pots, $5.00 per 100; 3 inch pots, $8.00 per 100.

Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at $15.00, $20.00 and $25.00 per 100.

Araucaria Excelsa,

5-inch pots, 3 to 4 tiers, 50c each or $5.00 per doz.

Ocean Park Floral Co.

E. J. VAWTER, Pres. OCEAN PARK, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

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100,000 EXTRA STRONG

Asparagus Plumosus Nanus

2-inch, $3.50 per 100.

3-inch, $3.50 per 100; $30.00 per 1000.

Cash, Express Prepaid; 250 at 1,000 Rate.

CALIFORNIA CARNATION CO., Loomis, Cal.

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Post Office Address:

LONG BEACH, CAL., R. F. D. No. 1

The Largest Growers of

FREESIA BULBS

in the United States.

Specialties—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

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ASPARAGUS PLUMOSUS NANUS.

From flats, $1.75 per 100; $15.00 per 1000.
Strong 2-in. plants, 2.00 " 20.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

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FIELD-GROWN

CARNATION PLANTS.

We have the following to offer:

8000 LAWSON,
2000 MORNING GLORY,
5000 GOV. WOLCOTT,
2000 WHITE CLOUD,
2000 NORWAY,
500 PROSPERITY,

5c each

All plants guaranteed first-class and will be shipped from Hinsdale.

Bassett & Washburn

Greenhouses:
HINSDALE, ILL.

STORE:
76-78 Wabash Ave., Chicago.

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STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
LAWSON	"	6.00
ELMA	"	6.00
GOODENOUGH	"	5.00
MACEO	"	5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. No bud on them.

Wolcott, $6.00; Estelle, $6.00; Alba, $6.00; Enchantress, $8.00; Lawson, $6.00; Queen Louise, $5.00; Manley, $5.00; Lord, $5.00; Fenn, $5.00; Lorna, $5.00; Glacier, $5.00; M. Glory, $5.00; America, $5.00; Joost, $5.00; Red Wing, $5.00; Gomez, $5.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

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Commercial Violet Culture.

BY B. T. GALLOWAY.

This is the Second Edition of this very successful book, revised and brought up to date.

Fully illustrated and handsomely printed.

Sent postpaid on receipt of $1.50.

FLORISTS' PUBLISHING CO.

520 Caxton Building, 334 Dearborn St., Chicago.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

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Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
ROOSEVELT	$6.00	$50.00	TRIUMPH	$5.00	$40.00
HARRY PENN	6 00	50.00	FLORA HILL	5.00	40.00
GOV. WOLCOTT	6.00	50.00	PERU	4.00	35.00
CRANE	6.00	50.00	Guardian Angel	3 00	25 00
LAWSON	5.00	40.00	PROSPERITY	6.00	50.00

Satisfactory references required, otherwise shipments are sent C.O.D.

J. A. BUDLONG, 37 and 39 Randolph Street, CHICAGO, ILL.

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FIELD-GROWN

CARNATIONS

EXTRA STRONG, HEALTHY PLANTS

	100	1000
Eldorado	$5.00	$40.00
Queen	7.00	60.00
Boston Market	7.00	60 00
Fair Maid	7.00	60.00
Harlowarden	6.00	50.00

Backer & Co., Billerica, Mass.

LAWSON....

Strong field plants, not picked over.
$50.00 per 1000.

GEO. J. BALL, BERTEAU AND WESTERN AVENUES
CHICAGO, ILL.

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CARNATIONS

Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00 per 1000
Mrs. Geo. Bradt	6.00	"	50.00 "
Flora Hill	5.00	"	40 00 "
Lillian Pond	5.00	"	40.00 "
Mac Richmond	5.00	"	40.00 "

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

Mention The Review when you write.

Fred Burki

is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA.

S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

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FIELD-GROWN

CARNATIONS.

	Per 100
Enchantress	$7.00
Mrs. Lawson	5.00
Gov. Wolcott	6.00
Mrs. Joost	3.50
Guardian Angel	3.50
Queen Louise	3 50

Asparagus, Plumosus Nanus, 4-inch, $9.00 per 100

N. C. MOORE & CO.
MORTON GROVE : : : ILLINOIS

ROSES

If you are short and need some quick for planting or replacing, write us.

Order **Chinese Primroses** and **Cinerarias** now.

Boston and Piersoni Ferns in all sizes, from 2½-inch to 10-inch.

Sprengeri and Plumosus in 2½-in. to 5-in.

Carnations, Field-grown, Mrs. Joost, Guardian Angel, Mrs. Fisher, Lizzie McGowan, Glacier, Norway, Crane, etc. Write

GEO. A. KUHL,

PEKIN, ILLINOIS.

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EXTRA FINE, FIELD-GROWN

CARNATIONS

Queen Louise, $5.00 per 100.
Norway, - - 4.00 "

Cash with order.

Central Greenhouses, Sandusky, Ohio.

Mention The Review when you write.

FIELD-GROWN CARNATION PLANTS

White:	Per 100	1000
Bride	$10 00	....
Queen	8 00	$60 00
Boston Market	7 00	60 00
Lillian Pond	6 00	50 00
Queen Louise	6.00	50.00
Glacier	5 00	....
Alpine Glow	5 00	....
Moonlight	8 00	....

White:	Per 100	1000
Flora Hill	$5.00	$45 00
McGowan	4.00	35 00
Mrs. Fisher	4.00	35.00
Pink:		
Dorothy	6.00	....
McKinley	6.00	....
Nelson	6.00	....

Pink:	Per 100	1000
Challenger	$5.00	....
Melba	5.00	$40.00
Dean	5 00	40 00
Joost	5.00	40.00
Scott	4.00	...
Morning Glory	5.00	....
Fair Maid	6.00	....

Red:	Per 100	1000
Crane	$6.00	....
Portia	4.00	....
Crimson:		
Harry Fenn	6.00	....
Variegated:		
Prosperity	6 00	$50.00

Well grown, large, bushy plants free from all disease.
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

LOUISVILLE, KY.

Business has not improved since my last writing and we have had no rain. Carnations are about all housed, with the exception of a few which are not quite ready yet.

The Kentucky Society of Florists held its monthly meeting on September 6, at C. W. Reimers' place on Hite avenue. A very large attendance was on hand and lots of business was transacted. President Jacob Schulz called the meeting to order at 3 o'clock. The object of this meeting was to consider prices on all bedding plants in 4-inch pots. Quite a lively discussion took place and after a long, hard struggle it was agreed that prices be advanced. After the meeting adjourned the members were invited to a beautiful spread which was served by C. W. Reimers and all sat down and did justice to it. Jos. Coenen acted as toastmaster and did it well. Messrs. Bohrman and Kirch gave some of their popular songs, which were cheered by all. A vote of thanks was extended to Mr. Reimers by the society. The polite foreman, Mr. Koenig, showed the members through the different departments and everything was in fine shape. His chrysanthemums, carnations, poinsettias, tea roses and American Beauties are all growing in fine order.

H. Litchtefeld.

Lansdowne, Pa.—Thieves raided the greenhouses of J. Leonard and secured about $200 worth of tools and fittings. The same evening they were interrupted in the neighboring greenhouse of Mrs. Archibald Anderson.

Maryville, Mo.—P. Mergen & Co. report very satisfactory business this summer and prospects for good fall trade. Cut flower business is better than at this time last year.

CARNATIONS As good as the best

Lawson, Louise, White Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c. **Princess of Wales Violet Plants**—Large clumps, 5c. **Asparagus Sprengeri**—From 2c to 6c. **Roses**—Gates, Ivory and Brides, 2c.

W. W. COLES, Kokomo, Ind.

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CARNATIONS.

STRONG FIELD PLANTS.

12,000	LAWSON, per 1000	$50.00
10,000	WHITE CLOUD, "	45.00
10 000	FLORA HILL, "	45.00

IMMEDIATE DELIVERY.

WEILAND & RISCH,
59 Wabash Avenue, CHICAGO

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c
Enchantress	light pink	10c
Chicago	red	6c
Flora Hill		6c
Lorna		6c
Harry Fenn		6c
m. Scott		5c
Mrs. E. A. Nelson	pink	6c
Floriana	pink	5c
Ethel Crocker	pink	5c
Eldorado	yellow	5c
Oriole	scarlet	5c
Mermaid	pink	5c
Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

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DO YOU WANT

CARNATIONS?

STRONG, HEALTHY FIELD PLANTS.

	Per 100	Per 1000
10,000 Frances Joost	$3.00	$25.00
5,000 Marquis	3.00	27.50
2,000 Norway	3.50	30.00
3,000 Prosperity	3.50	30.00
3,000 Lawson	3.50	34.00
1,500 Glacier	3.50	34.00
500 Apollo	4.00	

10,000 **Asparagus Plumosus Nanus,** beautiful plants from 2¼-inch pots, $2.25 per 100; $20.00 per 1000. **Sprengeri,** same size, $1.50 per 100; $12.50 per 1000.

The above stock is guaranteed first-class and will receive special attention as to packing, etc.

GERANIUMS—Strong 2½-inch. J. Viaud, Mrs. E. G. Hill, S. A. Nutt, Bruanti, $1.50 per 100; $15.00 per 1000.

CASH WITH ORDER.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

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Field-Grown

Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
BRADT	5.00	.....
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
ESTELLE	5.00	45.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
APOLLO	5.00	.....
HIGINBOTHAM	4 50	40.00
LAWSON	6.00	.....

ROSE PLANTS.	Per 1000
3½-in. **Gates and Brides,** fine stock	$30.00
2½-in. **Maids,** fine stock	20.00
2½-in. **Stevia**	18.00
2½ in. **Mums**	18.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

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FIELD-GROWN CARNATION PLANTS.

8000 Queen Louise	$5.00 per 100;	$45.00 per 1000
2000 Enchantress	8.00 "	75.00 "
1000 Norway		6.00 per 100
500 Prosperity		6.00 "

CASH WITH ORDER.

W. E. HALL, - CLYDE, OHIO.

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CARNATION PLANTS,

Field-grown, **FINE, HEALTHY** stock. No stem-rot.

	Per 100	Per 1,000
10 000 Lawson	$6.00	$55.00
10,000 White Cloud	5.00	45.00
7,000 Prosperity	6.00	55.00
15,000 Nelson	6.00	55.00
1,000 Glacier	5.00	45.00

	Per 100
600 Norway	$5.00
300 Crane	5.00
300 Adonis	6.00
450 Fair Maid	6.00
500 Floriana	6.00
150 Gomez	5.00
200 Maceo	5.00
100 Gaiety	5.00
850 Bradt	6.00
150 Manley	7.00
250 Harry Fenn	7.00
150 McKinley	5.00
350 Boston Market	5.00
350 Gov. Wolcott	5.00

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. **And they are all fine plants.** Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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Carnation Plants Field-Grown.

Ready for immediate shipment.

	Per 100
New Daybreak	$12.00
Reliance	12.00
Genevieve Lord, grand stock	6.00
Enchantress, fine, second size	6.00
Norway	6.00
Gov. Lowndes, fine, second size	6.00
Enquirer	6.00
Harlowarden, second size	6.00
Marshall Field	6.00
Fragrance	6 00
Lillian Pond	6.00
Pres. McKinley	6.00
Sybil	6.00
Mrs. Theo. Roosevelt	5.00

H. WEBER & SONS, Oakland, Md.

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CARNATION PLANTS

Extra strong and healthy.

Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$6.00	Nelson	$5.00
Market	6.00	Joost	5.00
McGowan	4 00	Estelle	8.00
Lord	6.00	Ad. Cervera	5.00
Maid	8.00	Prosperity	5.00

FRANK H. KIMBERLY,
Townsend Ave., NEW HAVEN, CONN.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
The Queen	$8.00	$75.00
Lillian Pond	6.00	50 00
Gov. Wolcott	6 00	50.00
Her Majesty	6.00	50 00
Marian	5 00	45 00
Queen Louise	5.00	45.00

White:	Per 100	1000
White Cloud	$5 00	$45.00
Hill	5.00	....
Mary Baker	5.00	....
Lorna	5.00	....
Pink:		
Enchantress	8.00	70 00

Pink:	Per 100	1000
Lawson	$6 00	$50.00
Fair Maid	6.00	50 00
Floriana	5.00	45.00
Joost	4.00	35 00
Melba	4 00	35 00
Crocker	4.00	35 00

	Per 100	1000
Portia (pink)	$3.00	....
Scott (pink)	4 00	....
Prosperity (variegated)	6 00	$45.00
Marshall Field "	7.00	....
Eldorado (yellow)	3 00	....
Vesper	8.00	....

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

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CARNATION
PLANTS
FINE, HEALTHY STOCK. NO STEM-ROT.
FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	3 50	30 00
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 50	30 00
White Cloud, white	4 00	35 00
Queen Louise, white	4 00	35 00
Peru, white	4 00	35 00
Joost, pink	4 00	35 00
Lord, pink	4 00	35 00
Estelle, red	5 00	45 00

George Reinberg
51 WABASH AVENUE,
CHICAGO.

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THE BEST
Is the Cheapest in the End.
52,000 Large, bushy, healthy field-grown Carnation Plants.

	Per 100		Per 100
Enchantress	$6.50	Queen Louise	$5.00
Gov. Wolcott	5 00	Q. Louise, 2d size	3.00
The Queen	6.00	Boston Market	5.00
Floriana	5.00	Second size	3.00
Lillian Pond	4.00	Cervera, 2d size	3.00
May Naylor	5.00	Marquis, 2d size	3.00
Her Majesty	5.00	Maceo, 2d size	3.00
M. Field	5.00	Morning Glory	5.00

CASH.

C. L. HOWE,
CARNATION SPECIALIST,
DOVER, N. H.

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Field-Grown Carnations.
Large, Strong, Healthy Plants.

Lawson.....$5.00 per 100; $40.00 per 1000
Flora Hill..... 4.00 " 30.00 "

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.
PETERSON AVE., NEAR ROBEY ST.

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Indianapolis
See what Others Think of it

TESTIMONIAL.

PROVIDENCE, R. I., April 21, 1904.
Messrs. BAUR & SMITH, Indianapolis, Ind.

DEAR SIRS:—In reply to yours of the 15th would say that I am very much impressed with your new Carnation Indianapolis as a first-class commercial variety. The color, formand stem are all that could be desired, and every shoot runs up into flower. From the limited number of plants I have had I am well pleased with the production, and I know that all who invest in it will be pleased with it.

Yours truly,
JOHN A. MACRAE.

We have about 5000 fine Field-Grown Plants to sell this Fall at **$12** per 100; **$100** per 1000. First come, first served.

BAUR & SMITH,
330 W. 38th Street,
INDIANAPOLIS, IND.

Mention The Review when you write.

I HAVE 50,000
Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10 00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson, pink	6.00
Enchantress, pink	10.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	10.00
Estelle, red	7.00
Bradt, variegated	6.00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Ficus, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,
61st and Market Sts., PHILADELPHIA, PA.

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CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.

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FIELD-GROWN
Carnations..
It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$4 00	$35 00
PERU	6 00	50 00
NORWAY	5 00	40 00
QUEEN LOUISE	5 00	40 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	5 00	45 00
GUARDIAN ANGEL	4 00	35 00
McKINLEY	6 00	50 00
Light Pink:		
MRS. HIGINBOTHAM	4 00	35 00
Red:		
CHICAGO	6 00	50 00
MRS. INE	4 00	35 00
ESTELLE	6 00	50 00
Maroon:		
ROOSEVELT	6 00	50 00
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

Rose Plants
Strong stock, from 2½-inch pots.

LOW PRICES TO CLOSE OUT

UNCLE JOHN
THE FINEST PINK ROSE yet introduced, BEAUTIFUL COLOR, FREE BLOOMER, BEST MONEY MAKER.

$20 per 100; $150 per 1000.

	Per 100	Per 1000
GOLDEN GATE	$2 50	$20 00
3-inch pots:		
CHATENAY	5 00	40 00
BRIDESMAID	3 50	30 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,
51 Wabash Ave. CHICAGO.

The Florists' Manual
Tells You What You Want to Know in the Way You Want to be Told.

SHIPPING ASPARAGUS PLANTS.

How should potted asparagus plants be packed to send by express?

I. E. B.

At this season of the year little or no wrapping in paper is required in packing plants for shipment by express, but if packed in pots they need a good layer of excelsior between each row of plants, and then a wooden strip or cleat firmly nailed in order to keep the plants from shifting.

If the plants are small, that is, any size up to 3-inch pots, I should prefer to lay them on their sides in regular layers in the ends of a box, the pots being separated from each other by a small wad of excelsior, and then to fasten each layer in place with a narrow strip, a sufficient quantity of excelsior being laid along the front of the pots to act as a cushion between the latter and the wooden strip.

With larger sized pots it would be better to cover the floor of the box with about an inch or two of excelsior, then stand the pots upon it in regular rows, making all tight with the packing material, and then nailing the strips between the rows to keep the plants secure, the box being finished with a crate cover.

In frosty weather it would be necessary to wrap the plants in several thicknesses of paper, fasten them in the box as before, and then finish with a tight cover, the entire box having been well lined with a good layer of paper on the bottom, top, sides and ends.

Packing plants in pots adds very greatly to the weight and bulk of the package, besides being much more risky on account of possible breakage, and should therefore be avoided as much as possible in making express shipments.

W. H. Taplin.

Washington, D. C.—O. A. C. Oehmler, who has been at Butte, Mont., for several months, is here again badly crippled by rheumatism but improving. He was called east by the serious illness of his daughter at Toledo, who is also much better.

MUM

time will soon be here. Keep in touch with us on NOVELTIES.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

VIOLETS

Marie Louise field-grown	per 100,	$5.00
" " pot-grown 3-inch	"	3.00
Asparagus Plumosus, 2¼-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

Mention The Review when you write.

ROSES. CARNATIONS.

Strong 3-inch stock. Will soon do to cut from.

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Perles, extra fine	5.00	
Joost, Armazindy, very strong	5.00	45.00

BOSTON FERNS—Choice, fresh looking plants, 2½-inch $4.00, 3-inch $8.00, 4 inch (extra strong, good as 5-inch), $15.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

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Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.	per 100,	$3.60
Lilium Harrisii, 7-9-in.	"	8.00
Lilium Candidum, 22 cms.	"	4.50
Calla Ethiopica, 1⅜ to 1⅝ in.	"	6.00
Hyacinth—Roman White, 12-15 cms	per 1000,	26.00
Narcissus—Paper White Grandiflora, 13 cms. and up	per 1000,	9.00
Asparagus Plumosus Robustus	per 100,	4.00
Asparagus Plumosus	"	3.00
Asparagus Sprengeri	"	2.50
Pteris Tremula	per 100,	$2.50
Pteris Argyrea	"	2.50

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes, 2½-inch pots, 6-8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8.00 per 100.

BOSTON FERNS from Bench, 4-in. pot size....15c; 5-in. pot size....25c; 6-in. pot size....35c.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquinæflora, grand for winter pot plants, 3-inch, $8.00 per 100. 4-in., $12.00 per 100.

Poinsettia, young fresh stock, just right for pans, 2½-in., $5.00 per 100.

Latania Borbonica—

24-in., 5 to 7 leaves, 7-in. pot	$1.00	each.
28-in., 6 to 8 leaves, 8-in. pot	1.50	"
28 to 30-in., 7 to 9 lvs., 10-in. pot	2.50	"
Cycas Revoluta, 8 to 10 leaves	.75	"
" " 10 to 12 "	1.00	"
" " 12 to 15 "	1.50	"

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.

Asparagus Plumosus

2-inch.....$3.00 per 100; $25.00 per 1000
3-inch..... 8.00 " 70.00 "

CASH WITH ORDER PLEASE.

Anyone in need of five or ten thousand 2-inch write for prices.

IDLEWILD GREENHOUSES,
337 Main Street, MEMPHIS, TENN.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni, 3-in., $6 00; 6-in., $35.00; 7-in., $50.00 per 100.

Plumosus, 2½-in., $3.00 per 100.

Violets, Marie Louise, strong field-grown plants, $4.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

ASPARAGUS SPRENGERI, Good healthy stock, 2¼-in pots	Per 100 $2.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in	2.50
SMILAX PLANTS, strong bushy stock, in 2½-in. pots	per 1000. 15.00

Boston Ferns, both 5 and 6-in., 25c and 35c each.

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 3-in., $3 00 per 100; 4-in., $6.00 per 100.

Boston Ferns, from bench, large plants, ready for 6-in. pots, $15.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

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...FALL... BARGAINS!

We wish to call your attention to the following low quotations, considering the quality, which we guarantee as represented:

CHINESE PRIMROSES—From the very best European strains. We have always given satisfaction with these, and a trial order will convince. Thrifty plants, ready for a shift, from 2¼-inch pots, in white, light pink, blue and bright red, $3.00 per 100; from 3-inch pots, in above colors, $5.00 per 100.

PRIMULA FORBESII GRANDIFLORA—A large flowered type of Forbesii, much stronger in growth, longer stemmed and flowers double the usual size. From 2¼-inch pots, $3 00 per 100.

NEPHROLEPIS BOSTONIENSIS—Thrifty plants of this favorite fern that have had a full season's growth, and a bargain to any Florist. From 2¼-inch pots, $4.00 per 100; 2½-inch pots, $6.00 per 100; 3-inch pots, $8.00.

NEPHROLEPIS PIERSONI—Plants from 2¼-inch pots of same quality as Bostons, $4.00 per 100.

NEPHROLEPIS CORDATA COMPACTA—Thrifty plants of this old-time favorite, from 2¼-inch pots, $4.00 per 100; 2½-inch pots, $6.00 per 100; 3-inch pots, $8.00 per 100.

POINSETTIA PULCHERRIMA—Vigorous plants from late struck cuttings, ready for shift. From 2½-inch pots, $5.00 per 100.

Send for our Fall List, just issued

NATHAN SMITH & SON
ADRIAN, MICH.

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YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots..... 2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $1.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens..... 3.50 each
10-inch pans, fine specimens..... 5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50.00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3.00 per 100	$ 25.00 per 1000
3 -inch pots	6.00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140.00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $35.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

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Boston Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.

Anna Foster Ferns

Cut from bench, $5.00 per 100; $40.00 per 1000.
Larger plants 25c to 50c each.

ASPARAGUS PLUMOSUS NANUS—4-inch, $10.00 per 100. KENTIA PALMS.

L. H. Foster, 45 King St. Dorchester, Mass.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

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ZIRNGIEBEL Giant Pansies

Giant Market and Fancy Strains.

Seed of the above well known varieties at $1.00 each trade packet. Also plants at $5.00 per 1000. Fancy strain at $10.00 per 1000.

DENYS ZIRNGIEBEL, Needham, Mass.

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VIOLETS

Imperial, an improved Marie Louise, from 2-in. pots, $25.00 per 1000; from 3-in. pots, ready in about two weeks, $4.00 per 100; $35.00 per 1000. Lady Campbell, 2-in., $2.00 per 100; 3-in., $35.00 per 1000. Field-grown carnations, write for varieties and prices.

CRABB & HUNTER, Grand Rapids, Mich.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Dahlia Roots. We are booking orders now for Fall delivery. Our list will compare favorably with any general commercial collection in the country. List and prices sent on application.

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, M Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, Dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacqueri, Gloire de France and Mme. Barney, $2.00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00, 40c		$1.00
Hibiscus, 5 varieties.....		5.00
Lemon Verbena.....per 1000, $20.00, 50c		2.50
Lantanas, 10 varieties, per 1000, $17.50, 40c		2.00
Maranta Massangeana.....	75c	4.00
Plumbago, Blue and White 3-inch...		5.00
Smilax.....per 1000, $15.00,		2.00
Swainsona Alba.....	40c	2.00
Swainsona Roses	40c	2.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

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CARNATIONS

FIELD GROWN. Nice size to plant.

Enchantress, $10.00 per 100. Gov. Wolcott, $5.00 per 100. Boston Market, $6.00 per 100. Mrs. Lawson, $5.00 per 100; $40.00 per 1000.

BOSTON FERNS—Nice plants, 2½-inch, $4.00 per 100; 3-inch, $7.00 per 100; 4-inch, $15.00 per 100. Wish to rush Ferns out to make room.

PANSIES—Roemer's Superb Prize, plants ready Sept. 20th, at $3.00 and $4.00 per 1000.

S. T. DANLEY, MACOMB, ILL.

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.

Hydrangeas, field grown, 2-year-old, with four to eight flower buds; fine for next Easter; $3.50 per dozen.

Stevia, 4 in. pots, $5.00 per 100.

Smilax, 2½ in. pots, $1.75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

ORCHIDS

ARRIVED—In Superb Condition
Large quantities of Cattleyas in variety. Oncidiums in variety, and a fine lot of
ODONTOGLOSSUM CRISPUM.
Write for special list No. 12.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

OUR IMPORTATION OF

Cattleya Labiata

Has reached us in splendid condition. Write for samples. Don't delay.

Cattleya Percivaliana expected daily.

Price list of **Crotons, Dracaenas, Palms, etc.,** sent on application for Fall delivery.

JULIUS ROEHRS,
Exotic Nurseries, RUTHERFORD, N. J.

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PALMS.

Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum Farleyense, 4-in., $4.50 doz. A cuneatum, 4-in., $1.25 doz., $10.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ANTHERICUMS.

Anthericum variegatum, strong plants from 4-inch pots, $10.00 per 100. Cash.
Henry Schmidt, 408 Fulton St., Union Hill, N. J.

AQUILEGIAS.

Aquilegia, double mixed, $1.50 per 100.
G. R. Clark, Scranton, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ARDISIAS.

Ardisia crenata, 2-inch, 10c; 3-inch, 25c; 4-inch, 35c each.
Siebrecht & Son, New Rochelle, N. Y.

ASPARAGUS.

First-class stock at bargain prices; 5 per cent discount for cash with order.

	Per 100
Plumosus, Flats	$ 2.00
Plumosus, 2½-in.	2.50
Plumosus, 3-in.	6.00
Plumosus, 5-in.	20.00

No charge for packing.
THE NUNNALLY CO., Atlanta, Ga.

Asparagus Sprengeri from bench, ready for 3-inch pots, almost equal to 3-inch pot plants, $2.00 per 100; $15.00 per 1000. Send P. O. order on Little River. Send for catalogue out next month. Soar Bros., Little River, Fla.

Asparagus plumosus nanus, from flats, $1.00 per 100, $10.00 per 1000, prepaid; ready for 4-in., $2.00 per 100; for 5-in., $3.00 per 100; for 6-in., $4.00 per 100.
J. F. Allen, Orlando, Fla.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 100. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 100. Cash with order. John Brod, Niles Center, Ill.

Asparagus plumosus nanus, from flats, $1.75 100, $15.00 1000; strong 2-in. plants, $2.00 100, $20.00 1000. Prepaid. Cash, or C. O. D.
Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, 2¼-in. pots, $2.25 100; $20.00 1000. A. Sprengeri, 2¼-in., $1.50 100; $12.50 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, 2-inch, $1.00 100; 2½-inch, bushy, $2.00 100; 3-inch, very strong, $2.50 100. Cash.
F. Walker & Co., New Albany, Ind.

Asparagus plumosus nanus, strong, 2-in., $20.00 1000; 3-in., $3.50 100; $30.00 1000. Express prepaid.
California Carnation Co., Loomis Cal.

Asparagus plumosus, 2-in. pots, $2.00 per 100. Asparagus Sprengeri, 4-in. pots, $7.00 per 100. Cash.
Seidewitz, 36 W. Lexington St., Baltimore, Md.

Asparagus plumosus nanus, 3-inch, ready for 4-inch, strictly first-class, $8.00 100. Cash from unknown parties.
J. Van Lindley Nursery Co., Pomona, N. C.

Asparagus Sprengeri from 2c to 6c.
W. W. Coles, Kokomo, Ind.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000; 3-in., $8.00 100; $70.00 1000. Cash.
Idlewild Greenhouses, 337 Main St., Memphis, Tenn.

Asparagus plumosus nanus, 2½-in., $3.00 per 100; $25.00 per 1.000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus, nice young stock from thumb pots, $2.50 100; 2½-inch, $5.00 100. Cash. B. S. Brown & Son, Kansas City, Mo.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 6-in. pots, 2-year-old stock, 30 plants offered, $8.00 for lot. Cash with order. John Schuster, New Canaan, Conn.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus and Sprengeri, 2½-in., $2.50 100. Fine plants. Cash.
John G. Eisele, 20th and Ontario, Phila.

100 4-in. Asparagus plumosus, $10.00; 100 3-in. Sprengeri, $5.00.
I. E. Bailey, Swampscott, Mass.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus, 2½-in., $4.00 100; 3-in., $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri and plumosus in 2½ to 5-inch. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 100.
E. Knabe, Frankfort, Ind.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 4-in., $9.00 100.
N. C. Moore & Co., Morton Grove, Ill.

Plumosus, fine strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

ASPIDISTRAS.

Aspidistras, green, 4-in., $1.50 doz.; 5-in., $2.50; var., 4-in., $3.00; 5-in., $5.00.
Joseph Heinl & Sons, Jacksonville, Ill.

BEGONIAS.

Lorraine begonias, clean, healthy stock, from 2-in., will make fine 4-in. stock for Xmas, $10.00 100. Cash.
John Doughty, 198-200 Kimberly Ave., New Haven, Conn.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Begonias metallica and Pres. Carnot, 2½-in. pots, $3.00 per 100; $25.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Gloire de Lorraine, 2-in. pots, $15.00 100; $140.00 1000.
Cottage Gardens Co., Queens, L. I., N. Y.

Begonias, 12 varieties, 2 and 2½-in. pots, 40c doz., $2.50 100.
Harmon & Henderson, Iola, Kan.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Begonias in good assortment, $4.00 100.
R. S. Brown & Son, Kansas City, Mo.

BERRIED PLANTS.

Jerusalem cherries, 2-in., ready for 3s, 40c doz., $1.50 100. Xmas (celestial) peppers, 2¼-in., 40c doz., $2.00 100; 3-in., 75c doz., $5.00 100. Ready for a shift. Fruit setting.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Celestial peppers, 4-in. pots, fine plants, full of fruit, $8.00 per 100.
Herman Holtz, Hammond, Ind.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BOUGAINVILLAEAS.

Bougainvillaeas, 4-inch pots, strong plants, 18 inches high, 3 and 4 branches, $10.00 per 100. Cash with order.
Chas. Lindacher, Canton, Ohio.

BOUVARDIAS.

Bouvardias, field-grown, $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Send in your order now for a copy of the Florists' Manual.

BULBS.

I offer the best bulbs to be had from Holland growers, and this is the only price that I have. Forcing hyacinths in separate colors; first size bulbs, 17 cms. and up, single, dark blue, rose and pink, pure white, dark blue, light blue, yellow, $3.75. Second size, for forcing and bedding, 14 to 16 cms.; dark red, pink, pure white, dark blue, light blue, yellow, $2.70. Double—dark red, pink, pure white, dark blue, $2.80. Named hyacinths, 18 cms. and up, Gertrude, rosy pink; La Grandesse, white; King of the Blues, La Perrouse, light blue; Chas. Dickens, rose; Madam van der Hoop, blush white, $4.50. Single, early tulips, superfine mixed, 75c; double, 90c. Single, early tulips in separate colors, pink and rose, red and scarlet, violet and purple, white, yellow, 90c. Double, white, pink, red, yellow, violet, $1.00. Single, named tulips, La Reine, white, 85c; yellow, $1.00; L'Immaculee, pure white, 85c. Rose, tender, soft pink, $1.00. Crysolora, pure yellow, 95c. Crimson King, $1.20. Double named tulips, Tournesol, red and yellow, $1.70. La Candeur, pure white, $1.15. Count of Leicester, orange and yellow, $1.00. Rex Rubrorum, scarlet, $1.35. Rose Blanche, pure white, $1.20. Gloria Solis, red bordered with gold, $1.40. Double Narcissus Von Sion, $1.40. Orange Phoenix, $1.00. Incomparabilis, 90c. Alba plena adorata, 80c. Single narcissus, Trumpet Major, $1.00. Incomparabilis Stella, 80c. Seedsii, $1.00. Bicolor grandis, $2.00. Poeticus ornatus, 90c. Callas, 1¼ to 1½ in. in diameter, $5.00. 1½ to 2 in., $7.00; 2 to 2½ in., $9.00. Freesias, California grown, select, 75c; French grown, large bulbs, $1.00. Oxalis, in 4 varieties, 90c. Snowdrops, single, 75c; double, $1.10. Crocus, all colors mixed, 25c; separate colors, 1st size bulbs, white, yellow, blue, variegated, 35c. Named crocus, large bulbs, Baron von Brunow, dark blue, Mont Blanc, white, Sir Walter Scott, striped, Albion, purple, large yellow, 50c. Prices are given per 100, 25 at 100 rate. Chinese sacred lily, each 4½c. Home-grown, large bulbs, 3c; smaller bulbs, 2c each. Lilium candidum, extra large bulbs, 8c; select bulbs, 6c each.
Frank Kadlec, 181 Johnston Ave., Chicago.

Lilium Harrisii, 5x7 in., $3.60 100; 7x9 in., $8.00 100. L. candidum, 22 cms., $4.50 100. Calla Ethiopica, 1⅝ to 1⅞ in., $6.00 100. Hyacinths, Roman white, 12 to 15 cms., $26.00 1000. Narcissus, Paper White grand., 13 cms. and up, $9.00 1000.
Storrs & Harrison Co., Painesville, Ohio.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

	100	1000
Narcissi. Paper whites		
13x 15 cms.	$1.00	$ 8.75
Case of 1400, $12.00		
Chinese, basket of 30, $1.50		
Mat of 4 baskets, 120 bulbs, $4.50		
DAFFODILS.		
Von Sion XXX, dbl.	2.20	19.50
15 cms. up, large, select.	1.75	15.00
Princeps, finest trumpet forcer.	.85	7.50
Horsfieldii, Golden Spur, etc.	1.75	15.00
HYACINTHS. White Roman.		
11x13 cms., very fine size.	2.25	21.00
12x15 cms., case 1800, $45.00.	2.75	26.00
17 cms. up, Dutch, sep. colors.	3.50	32.00
15 cms. up, Dutch, sep. colors.	2.75	25.00
Dutch Roman or Miniature.	2.25	20.00
HARRISII LILIES. Semper Idem.		
5x7, 400 in case.	3.35	30.00
6x7, 300 in case.	4.00	38.00
7x9, 200 in case.	7.00	68.00
LILIUM CANDIDUM.		
18x20 cms.	4.00	37.00
20x24 cms.	5.00	45.00
FREESIAS. ALLIUM NEAPOLITANUM.		
⅝x½ inch	.50	4.50
½x¾ inch	.65	6.00
California freesia 10 per cent less.		
CALLA ETHIOPICA.		
3x5 inch circ., 1-1¾-in. diam.	4.00	35.00
4x6 inch circ., 1½-2-in. diam.	5.00	47.50
6 inch up circ., 2 inch up diam.	7.50	70.00
CYCLAMEN per. gigan.		
2-3 inch, mixed, $1.00 doz.	7.00	
25 at 100 rate, 200 at 1000 rate.		

H. H. Berger & Co., 47 Barclay St., N. Y.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

Big calla bulbs, all with good center shoots, sound, ripe and healthy. 2 to 2½ inches, $12.00 100; $100.00 1000. 1¾ to 2 inches, $7.00 100; $60.00 1000. 1 to 1¼ inches, $4.00 100; $35.00 1000. Dutch, French and Bermuda bulbs ready. Send for catalogue.
A. T. Boddington, 342 W. 14th St., New York.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

JUST NOW we have in stock, Harrissii, candidum, callas, freesias, French Romans, paper whites. Dutch bulbs will arrive very soon. When you want good bulb stock from the best growers, try
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Poet's narcissus, large, dbl. white, grandiflora; home-grown, acclimated blooming bulbs, the best flower grown next to peonies for Decoration day, $1.00 per 100; $7.50 per 1000.
F. A. Baller, Bloomington, Ill.

I have from 6,000 to 10,000 Lilium canadensis, good bulbs, which I am offering for $3.00 per 100; $20.00 per 1000. Lilium philadelphicum, $3.00 per 100; $20.00 per 1000.
L. E. Williams, Nottingham, N. H.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Paper white narcissi Totus albus, 13 cms. and over, case 1400 to 1500 bulbs, $7.50 1000.
N. Le Page, Mt. Vernon, N. Y.

Lilium Harrisii, 5-7 in., $4.00 100; $36.00 1000; 7-9 in., $8.00 100; $78.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

Florists' bulbs of highest quality. Get our prices before placing your order.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Now ready. Lilium Harrisii, longiflorums, freesias, buttercup oxalis.
W. W. Rawson & Co., Boston, Mass.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex.

CARNATIONS.

New carnation FRED BURKI, to be disseminated in 1905, is the result of a cross between Lawson and a seedling of much merit; blooms 3 to 3½ inches in size; stem 20 to 30 inches, stiff and erect; yields continuously from November to July; calyx has no tendency to burst. Price, $12.00 100; $100 1000. 250 at 1000 rate. Orders filled strictly in rotation.
S. S. Skidelsky, 824 No. 24th St., Philadelphia, Or, John Murchie, Sharon, Pa.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White.	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Variegated.		
Prosperity	6.00	50.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants.

	100	1000		100	1000
Bride	$10.00	..	Dorothy	$6.00	..
Queen	8.00	$60	McKinley	6.00	..
B. Market	7.00	60	Nelson	6.00	..
L. Pond	6.00	50	Challenger	5.00	..
Q. Louise	6.00	50	Melba	5.00	$40
Glacier	5.00	..	Dean	5.00	40
F. Hill	5.00	45	Joost	5.00	40
McGowan	4.00	35	Scott	4.00	..
Mrs. Fisher	4.00	35	M. Glory	5.00	..
Crane	6.00	..	Fair Maid	6.00	..
H. Fenn	6.00	..	Portia	4.00	..
Alpine Glow	6.00	..	Prosperity	6.00	50
Moonlight	6.00	..			

We guarantee all of the above stock to be in first-class condition.
The Leo Niessen Co., Philadelphia, Pa.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lawson	$6.00	$50
Wolcott	6.00	50	Lorna	5.00	..
Her Maj'ty	6.00	50	Scott	4.00	...
Marian	5.00	45	Floriana	5.00	45
Q. Louise	5.00	45	Prosperity	6.00	45
W. Cloud	5.00	45	Field	7.00	..
Enchant.	8.00	70	The Queen	8.00	75
Fair Maid	6.00	50	Hill	5.00	..
Joost	4.00	35	Melba	4.00	35
Mary Baker	5.00		Crocker	4.00	35
Portia	3.00	..	Vesper	8.00	...
Eldorado	3.00	..			

S. S. Pennock, 1612 Ludlow St., Phila.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	5.00	45	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Norway	5.00	40
F. Hill	4.00	35	Q. Louise	5.00	40
Peru	6.00	50	Harlowarden	4.50	40
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Carnations, extra fine, field-grown.

White	100	1000	Pink	100	1000
Bountiful	$10	$80	Nelson	$5	$40
Reliance	6	40	Lawson	5	40
Moonlight	10	75	Cressbrook	4	
L. Pond	4	35	Higinbotham	4	30
Scarlet			Variegated		
Crusader	7	60	M. Field	5	40
Mrs. Palmer	4	35	Tiger	4	
Crimson			Yellow		
Harlowarden	5	40	D. Whitney	5	

Chicago Carnation Co., Joliet, Ill.

52,000 large, bushy healthy field-grown carnations. Per 100:

Enchantress	$6.50	Queen Louise	$5.00
G. Wolcott	5.00	Q. Louise, 2d size	3.00
The Queen	6.00	B. Market	5.00
Floriana	5.00	B. Mark., 2d size.	3.00
Lillian Pond	4.00	Cervera, 2d size.	3.00
M. Field	5.00	Marquis, 2d size.	3.00
May Naylor	5.00	Maceo, 2d size.	3.00
Her Majesty	5.00	M. Glory	5.00

Cash with order.
C. L. Howe, Dover, N. H.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$6.00	Harry Fenn	$5.00
Estelle	6.00	Lorna	5.00
Alba	6.00	Glacier	5.00
Enchantress	8.00	M. Glory	5.00
Lawson	6.00	America	5.00
Q. Louise	5.00	Joost	5.00
Manley	5.00	Red Wave	5.00
Lord	5.00	Gomez	5.00

Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Carnation plants guaranteed No. 1.

	Per 100		Per 100
Enchantress	$8.00	Hill	$5.00
Lawson	6.00	Glacier	5.00
Pond	6.00	Joost	5.00
Queen Louise	5.00	Crane	5.00

Also twenty other varieties. Cash with order. Smith & Gannett, Geneva, N. Y.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$ 4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Enchantress	10.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Estelle	7.00	Cash, please, or reference.	
Variegated.			
Bradt	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Carnations, field-grown, healthy. Per 100:

Norway	$5.00	Gaiety	$5.00
Crane	5.00	Bradt	6.00
Adonis	6.00	Manley	7.00
Fair Maid	6.00	H. Fenn	7.00
Floriana	6.00	McKinley	5.00
Gomez	5.00	B. Market	5.00
Maceo	5.00	G. Wolcott	5.00

Lawson, Prosperity, Nelson, $6.00 100; $55.00 1000. W. Cloud, Glacier, $5.00 100; $45.00 1000.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Carnations, field-grown, strong, healthy, free from disease at following low prices, $5.00 per 100, for varieties listed below:

Glacier	Morning Glory
White Cloud	Guardian Angel
Flora Hill	Marquis
Queen Louise	Crane
Ethel Crocker	Armazindy
Mrs. Joost	Bradt
Prosperity	

G. Van Bochove & Bro., Kalamazoo, Mich.

Carnations, field-grown, good stocky plants, free from disease. 1000 Marquis, extra fine; 2000 Hill best all-round white; 500 America, good red, larger than Crane; 500 Gomez, good crimson; 200 Morning Glory; 100 Crane, to close out at $4.00 per 100 or $30.00 per 1000. 500 at 1000 rate, or will exchange some for Asparagus plumosus, Boston ferns, Rex begonia, Dracaena indivisa or Marie Louise violets at market rates. D. P. Smith, Flint, Mich.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	Estelle	$5.00	$45
Prosperity	5.00	45	W. Cloud	5.00	
Bradt	5.00		M. Wood	4.50	40
Palmer	5.00	45	Apollo	5.00	
F. Hill	4.50		Higinbotham	4.50	40
Joost	4.50	40	Lawson	6.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$30.00	M. Glory	$4.00	$35.00
Jubilee	3.50	30.00	Peru	4.00	35.00
Bradt	3.50		D'yb'k, w.	4.00	35.00
Glacier	4.00	35.00	Lawson	4.50	42.00

250 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

Field-grown carnations. Per 100:

Hill	$5.00	Louise	$5.00
Joost	5.00	Scott	4.00
McGowan	4.00	Melba	5.00
Portia	4.00	Prosperity	6.00
L. Pond	6.00	M. Glory	6.00
Fair Maid	6.00	Elbon	4.00
Crane	5.00		

Philadelphia Wholesale Flower Market, 1235 Filbert St., Phila.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink.	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Carnation plants, field-grown. Per 100:

New Daybreak	$12	Harlowarden, 2d	$6
Reliance	12	M. Field	6
Lord	6	Fragrance	6
Enchantress, 2d	6	L. Pond	6
Norway	6	McKinley	6
G. Lowndes, 2d	6	Sybil	6
Enquirer	6	Mrs. Roosevelt	5

H. Weber & Sons, Oakland, Md.

Healthy field-grown carnations.

	100	1000
Flora Hill, extra fine	$3.00	$27.00
Thos. Cartledge, best prolific red.	3.00	27.00
Norway	3.00	27.00
America	3.00	27.00
Joost	3.00	27.00
Tidal Wave	3.00	27.00

Dinstel Bros., 1056 No. 62d Ave., Chicago.

75,000 field-grown, clean, healthy stock.

	100	1000		100	1000
Roosevelt	$6	$50	Triumph	$5	$40
H. Fenn	6	50	F. Hill	5	40
Gov. Wolcott	6	50	Peru	4	35
Crane	6	50	G. Angel	3	25
Lawson	5	40	Prosperity	6	50

Satisfactory reference or C. O. D.
J. A. Budlong, 37-39 Randolph St., Chicago.

20,000 carnations, field-grown; our stock is very fine, large, clean and healthy. Per 100:

Morning Glory	$5	Flora Hill	$5
Apollo, red	6	Mrs. P. Palmer	6
Murphy's white	5	Glacier	6
Lillian Pond	6	America	5
Queen Louise	6	Roosevelt	5
F. Joost	5		

Evenden Bros., Williamsport, Pa.

CARNATIONS—Continued.

STRONG FIELD-GROWN CARNATIONS.

1,000 Enchantress .....$8.00 per 100
3,000 Morning Glory ..... 5.00 per 100
1,000 Lawson ..... 5.00 per 100
500 Estelle ..... 5.00 per 100
500 Glacier ..... 4.00 per 100

Cash With Order.
ELI CROSS, Grand Rapids, Mich.

A1 carnations, 10,000 plants, no disease.

	Per 100		Per 100
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

Choice field-grown carnations. We find Joost the most profitable pink. Our stock is excellent.

	100	1000		100	1000
Wolcott	$5.00	$45	Palmer	$4.00	$35
Joost	4.00	35	Glacier	4.00	35
McKinley	3.00	25			

A. C. Canfield, Springfield, Ill.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	3 50	30	Higinbotham	4.00	35
Hill	3.50	30	W. Cloud	4.00	35
Q. Louise	4.00	35	Peru	4.00	35
Lord	4.00	35	Joost	4.00	35
Estelle, red.	5.00	45	Peru	4.00	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnations, extra strong, stocky plants.

	100		100
Q. Louise	$6.00	Nelson	$5.00
B. Market	6.00	Joost	5.00
Lord	6.00	Cervera	5.00
Prosperity	5.00	McGowan	4.00

Frank H. Kimberly, New Haven, Conn.

Fine well-grown carnation plants. Queen Louise, Hill, Crane, $5.00 100. Joost, $4.00 100. 200 Floriana and 200 Dorothy, $5.00 100. McGowan, $25.00 1000. These plants are free from stem-rot and as represented or money will be refunded. Cash with order.
E. C. Marshall, Kennett Square, Pa.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Carnations, strong, healthy, field plants.

	100	1000		100	1000
Joost	$3.00	$25.00	Lawson	$3.50	$34.00
Marquis	3.00	27.50	Glacier	3.50	34.00
Norway	3.50	30.00	Apollo	4.00	
Prosperity	3.50	30.00	Cash.		

W. T. Buckley Plant Co., Springfield, Ill.

Field-grown carnations. Extra strong, healthy plants.

	100	1000		100	1000
Eldorado	$5.00	$40	Queen	$7.00	$60
Bos. Market	7.00	60	Fair Maid	7.00	60
Harlowarden	6.00	50			

Backer & Co., Billerica, Mass.

Carnations. 1000 Fair Maid, 400 Wolcott, 100 Crane, 200 Joost, 400 Floriana and 100 Flora Hill, at $5.00 per 100. (Want 100 Bradt and 100 Lawson.) Will exchange for some of the above. Cash with order from unknown parties.
Wilfrid Wheeler, Box 670, Concord, Mass.

10,000 field-grown carnations, clean, stocky plants.

Lawson	$6.00	Marquis	$5.00
Wolcott	6.00	Roosevelt	6.00
Queen Louise	6.00	Uncle Walter	5.00
Flora Hill	5.00	Peach Blow	5.00

BUTZ BROTHERS, New Castle, Pa.

Field-grown carnation plants, medium size.

	Per 1000		Per 1000
8,000 Lawson	$35.00	1,000 Norway	$30.00
8,000 Flora Hill.	30.00	500 Manley	40.00

If the entire lot is wanted I will make them at $30.00 per 1000. Cash with order.
Peter J. Schumer, Evanston, Ill.

Field-grown carnation plants.

8000 Lawson	2000 Morning Glory
5000 Gov. Wolcott	2000 White Cloud
2000 Norway	500 Prosperity

5 cents each.
All plants guaranteed first-class.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Field-grown carnations, fine, healthy stock. Following varieties offered at $50.00 for the lot. Cash with order. 310 Bradt, 320 Lawson, 45 Prosperity, 50 Hill, 58 Marie Wood, 54 Lord, 40 Scott, 46 Melba, 36 Gomez, 27 Crane, 128 Maceo. John Schuster, New Canaan, Conn.

Carnations, strong, healthy stock.

	1000		1000
Harry Fenn	$50.00	Rosalind	$50.00
Lawson	50.00	Servia	40.00
Gov. Wolcott	50.00		

Geo. Milne, 14 Lincoln St., Winchester, Mass.

Carnations. To close out quick, for cash, Lawson, Gomez, Daybreak, Perfection, M. Glory, America, Hill, Crane, $3.50 per 100; $30.00 per 1000; mixed varieties, $2.50 per 100; $20.00 per 1000.
W. H. Watson, Son & Co., Lapeer, Mich.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Lawson	$6.00
Goodenough	5.00	Elma	6.00
Boston Market	6.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Field-grown carnation plants.

	100	1000		100	1000
Q. Louise	$5.00	$45	Norway	$6.00	
Enchantress	8.00	75	Prosperity	6.00	

Cash with order.
W. E. Hall, Clyde, Ohio.

LOOK HERE! Extra fine field-grown carnation plants, no stem-rot. Queen Louise, Joost, Morning Glory, Gen. Maceo, $5.00 100; $45.00 1000. Mrs. Lawson, Challenger, Crane, Queen, Boston Market, $6.00 100; $50.00 1000. 250 at 1000 rate. James E. Beach, Bridgeport, Conn.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Carnations. 5000 Freedom, a good all-round white, $5.00 per 100; $40.00 per 1000. 3000 Joost, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. Also Lawson, M. Glory, Estelle, Mondell, $6.00 per 100.
C. E. Allen, Brattleboro, Vt.

If you want carnations of the best size and quality in mid-winter, get VESPER and be quick about it; only a few left, $8.00 per 100; $75.00 per 1000. Cash in the morning; plants start after dinner.
Isaac A. Passmore, West Chester, Pa.

Field-grown carnations, extra strong. Lawson, Boston Market, Prosperity, Floriana, Glacier, Joost, Gomez, Crane, Morning Glory, Eldorado and Nelson, $5.00 per 100, $40.00 per 1000. Cash.
R. Engelmann & Son, Pittsfield, Mass.

Large, healthy field-grown plants of Morning Glory, Joost and Crocker, $4.00 100; $35.00 1000. Good, bushy plants of Lawson, Joost and Crocker from 3 to 4-inch pots, $4.00 100. Cash.
G. Hanson, 1025 S. Cameron St., Harrisburg, Pa.

Field-grown carnation plants. 5000 Flora Hill, 1000 Norway, 2000 Maceo left, which we will guarantee and will pay express on the order of 1000 plants at $3.50 per 100 or $30.00 per 1000 for cash. Arlin & Arlin, Clyde, Ohio.

Field-grown carnations, 12,000 Chester County plants, Joost, Queen Louise; Elbon, a fine red by Roney Bros.; Scott, Bondy, Portia, $30.00 per 1000; McGowan, $25.00. Cash with order.
J. H. A. Hutchison, Oxford, Pa.

Field-grown carnations. Large, strong, healthy plants. Lawson, $5.00 100, $40.00 1000; Flora Hill, $4.00 100, $30.00 1000. Cash with order. Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

INDIANAPOLIS, the best pink carnation introduced. We shall have about 5000 fine field-grown plants to sell this fall at $12.00 per 100, $100.00 per 1000. First come, first served.
Baur & Smith, 330 W. 38th St., Indianapolis.

Field-grown carnations. Per 100:

Enchantress	$7.00	Mrs. Joost	$3.50
Mrs. Lawson	5.00	G. Angel	3.50
G. Wolcott	6.00	Q. Louise	3.50

N. C. Moore & Co., Morton Grove, Ill.

Carnations. Healthy plants, free from disease. Enchantress, 8c. Lawson, Estelle, Queen Louise, 6c. Marquis, Scott, Joost, Prosperity, Norway, F. Hill, Lord, Crocker, Glacier, 5c.
D. R. Herron, Olean, N. Y.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Carnations, 2000 Flora Hill, 2000 Queen Louise; will sell cheap to close out. Write for prices. Limestone land, no stem-rot. U. S., Wells Fargo and American Express.
W. Sabransky, Kenton, Ohio.

Extra fine field-grown carnations. Joost, $4.00 per 100; $35.00 per 1000. Cressbrook, McGowan and Marquis, $4.00 per 100. Prosperity, $5.00 per 100. Cash please.
Tong & Weeks, Ashtabula, Ohio.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $8.00 per 100; $75.00 per 1000. 1000 Gov. Wolcott, $6.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations, surplus stock, fine healthy plants. 500 Joost, 500 Marquis, 500 White Cloud, 500 Guardian Angel at $4.00 per 100. 500 Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

Field-grown carnations, strong stock. Enchantress, $8.00 100; Queen Louise and Genevieve Lord, $5.00 100. Cash. Satisfaction guaranteed or money refunded.
Hugh Chesney, Farmington, Conn.

Field-grown carnation plants. Enchantress, Lawson, Fair Maid, The Queen, $6.00 per 100; $50.00 per 1000. White Cloud, Murphy's White, Joost, $5.00 per 100; $40.00 per 1000.
H. F. Littlefield, Worcester, Mass.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, 100 plants, $4.50; 1000 plants, $38.00. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Field-grown carnations, strong and healthy, No. 1 stock, Flora Hill, $4.50 100; Queen Louise, Lawson, Prosperity, $5.00 100; Crocker, $3.00 100. Cash.
Farnam P. Caird, 271 River St., Troy, N. Y.

10,000 carnation plants, 20 different varieties, including some of the very best, at lowest prices. Must be closed out to make room for building lots.
Geo. H. Ford, 27 E. 21st St., New York.

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250 1st size Joost.....$5.00 per 100
750 2nd size Joost..... 4.00 per 100
100 White Cloud..... 5.00 per 100
The lot for $40.00.
South Bend Floral Co., South Bend, Ind.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

New scarlet carnation THE CARDINAL, ready Jan. 1, $12.00 per 100; $100.00 per 1000.
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, Philadelphia, Pa.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations, field-grown. Norway, Marquis, Joost, Roosevelt, M. Glory, Apollo, Estelle, Palmer, Bradt, Higinbotham, Whitney, Alba, Stella, $5.00 100.
Joseph Heinl & Sons, Jacksonville, Ill.

Carnations, fine, healthy plants. 5000 Joost, 1200 Q. Louise, 150 L. Pond, 175 Dorothy, 100 Prosperity at 4c. Scott and Fisher, 3½c.
W. H. Vance, Wilmington, Del.

Carnations, strong field-grown, healthy plants. Enchantress, $8.00 and $6.00 per 100. Lawson and Boston Market, $6.00 and $5.00 per 100. Cash. Chas. H. Green, Spencer, Mass.

Field-grown carnation plants. Fine lot of Joost, slightly mixed with Scott, 3c; 125 Prosperity, 4c; 50 Gomez, 3c; Scott, 3c. Cash with order. H. M. Woundy, New Canaan, Conn.

Carnation plants. 240 Kitty Clover, 100 Pink Sport of Pixley, nicer than Lawson, 50 Fire Fly, 85 White Cloud, 90 mixed, all good plants, 3c; lot for $15.00. David N. Rehr, Lehighton, Pa.

Carnations, strong, healthy field plants, no stem-rot. Prosperity, Joost, Estelle, 1st size, $4.00 per 100; 2nd size, $3.00 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

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Hollyhocks, double, ten colors, 3-in. pots, $6.00 100; $50.00 1000. Cash.
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HYDRANGEAS.

Hydrangeas, field-grown, 2-yr.-old, with 4 to 8 flower buds, fine for next Easter, $3.50 doz.
Converse Greenhouses, Webster, Mass.

Hydrangea Otaksa, 6 to 10 crowns, $9.00 per 100; $80.00 per 1000.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

Hydrangeas, ready October 1, $10.00 per 100.
Peter Wenk, Ozone Park, L. I., N. Y.

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Impatiens Sultani, 2-in. pots, 40c per doz.; $2.00 per 100. Harmon & Henderson, Iola, Kan.

IVY.

Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price, only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
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LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz.; $2.00 100, $7.50 1000.
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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley forcing pips, fine variety.
Julius Hansen, Pinneberg, Germany.

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English Milltrack mushroom spawn, the product of the best make in England, per brick (1¼ lbs.), 15c, postpaid, 25c; 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; 1000 lbs., $55.00. Special quotations on larger quantities. A treatise on "How to Grow Mushrooms" sent with every order.
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Importation of mushroom spawn just received—the kind to be relied upon.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
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Thousands of orchids at moderate prices. Write for special offer.
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Bull's world renowned orchids, hybrid, established and imported. Catalogue free.
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Orchids. Complete stock always on hand. Write for list and prices.
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Small palms for center plants for dishes, 2½-in. pots, 6 to 8 in. high. Areca lutescens, $6.00 100. Kentia Belmoreana, $8.00 100. Latania borbonica, 24-in., 5 to 7 leaves, 7-in. pot, $1.00 each; 28-in., 6 to 8 leaves, 8-in. pot, $1.50 each; 28 to 30-in., 7 to 9 leaves, 10-in. pot, $2.50 each.
Storrs & Harrison Co., Painesville, Ohio.

ARECA LUTESCENS.		Each
8-in.,	44-48 in. high	$3.00
7-in.,	38-44 "	2.50
7-in.,	36-42 "	2.00
6-in.,	34-36 "	1.50
6-in.,	34-36 "	1.25
5½-in.,	30-34 "	1.00
5-in.,	26-30 "	.75

KENTIA BELMOREANA.				
7-in.,	5	ft. high,	6-7 leaves	$4.00
7-in.,	4½-5	"	6-7 "	3.50
7-in.,	4-4½	"	6-7 "	3.00
7-in.,	3½-4	"	6-7 "	2.50
7-in.,	3-3½	"	6-7 "	2.00
6-in.,	3-3½	"	6-7 "	1.50

Siebrecht & Son, New Rochelle, N. Y.

Kentia Belmoreana, 3-in., $5.00 100; 5-in., 50c each; 6-in., $1.00 each. Kentia Forsteriana, 7-in., $1.50 each; 7-in., made up, $1.25 each. Latanias, strong 6-in., 30c each; 7-in., special grown, 50c each; 8-in. specimens, 6 to 9 leaves, $1.20 each.
Albert Fuchs, 2045-59 No. Halsted St., Chicago.

Pandanus Veitchii, 5-in. pots, 15 in. high, $85.00 100; 6-in., 18 in. high, $15.00 doz., $120.00 100; 7-in., 22 in. high, $24.00 doz., 12-in., extra fine specimens, $6.00 each. All fine, strong plants, nicely variegated.
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Kentia Belmoreana, strong plants from 3-in. pots, $10.00 per 100. Satisfaction guaranteed. Cash with order.
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Latania borbonica, good plants, 5-in., $3.00 doz. Pandanus Veitchii, 6-inch, $1.00 each.
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Pandanus Veitchii, 6-in. pots, 15 to 18 inches above pot, $1.00 each, $12.00 doz.
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Palms, Dracaena terminalis, and other decorative plants. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Cocos Weddeliana, very fine for centers, $2.50 doz. Cash.
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Philadelphia-grown palms. Write.
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Kentia palms. Large assortment.
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Palms and decorative plants.
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PANSY PLANTS.

A few hundred thousand of my Florists' International pansies which have been known among the trade for many years; no expense is saved to get the very best and also newest varieties from the best growers here and abroad for this special strain. I want it to build a foundation for my business in my new location as it did in Chicago. Strong seedlings, $5.00 per 1000 by express; 65c 100 by mail. Also giant mixed pansies, a very large flowering mixture in splendid colors, $3.00 per 1000 by express; 45c 100 by mail. Daisies, forget-me-nots, sweet williams and others, same prices as pansies. Cash with order.
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500,000 pansy plants grown from my own seed; fine, stocky field-grown, seed-bed plants, sown thinly.
MY GIANT MARKET
are grown from seed selected from the finest varieties, $2.50 per 1000; $10.00 per 5000. By mail postpaid, 50c per 100.
GIANT STRAIN,
$2.00 per 1000; $8.00 per 5000. By mail postpaid, 40c per 100. Cash with order.
E. A. Blinn, Cromwell, Conn.

Strong field-grown pansy plants from our own private strain which has taken first prize at Massachusetts Horticultural Society shows held in Boston, 1903 and 1904, $4.00 per 100, cash, by express only.
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500,000 transplanted pansy plants disposed of last spring giving universal satisfaction. Plants for fall setting ready now. $5.00 1000, cash, by express only.
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Over 200,000 Brown's extra select superb GIANT prize pansy plants, ready for shipment. By mail, 75c per 100; by express, $3.00 per 1000. Cash with order.
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International pansy plants and all the best mixtures and named sorts, including the mammoth size, $5.00 per 1000. Cash with order.
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Giant pansy plants from fine seed, 50c per 100, prepaid; $2.25 per 1000; 5000 for $10.00. Cash. Byer Floral Co., Shippensburg, Pa.

Giant pansies. Finest large-flowering, mixed, strong plants, $3.50 per 1000. Cash.
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Pansies. Roemer's superb prize; plants ready September 20 at $3.00 and $4.00 1000.
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Snow's Sunbeam pansy plants, 75c per 100, postage paid; $3.00 1000 by express.
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10,000 fine select pansy plants, 40c per 100; $3.50 per 1000. Cash with order.
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Giant and Chicago Park bedding pansy plants, mixed, 40c per 100 by mail.
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Giant pansies, selects, $2.50 per 1000, $4.50 for 2000. Cash.
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Pansy plants at $5.00 1000; fancy strain, $10.00 1000.
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Peonies in 6 standard kinds, white, blush, rose, variegated, red and crimson; very low to the trade. Write for prices. Peonies in 12 scarce, choice kinds, including Festiva maxima, $2.50 per doz.
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Peonies. More than 100 choice named varieties, as well as a fine mixture, 3½c each and upward. Descriptive list free.
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PEONIES. All stock true to name. Descriptive catalogue mailed on request.
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Ne Plus Ultra, fine for market purposes. 5,000 strong at 10c each. Send for list of others. Edward Swayne, Westchester, Pa.

Peonies in variety, surplus stock, strong clumps, just as they are dug, $10.00 per 100.
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Peonies, white, $10.00; pink, $8.00; Humei, $7.00; mixed, $6.00 per 100.
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Fine collection of peonies including Festiva maxima. For prices write
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Plumbagos, blue and white, 3-in., $3.00 100.
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Poinsettias. Strong stocky plants, 10 inches high from top of pot, 2½ and 3-in. pots, $40.00 per 1000, $5.00 per 100; 250 at 1000 rate. For large lots prices sent on application with sample. By the 20th of September will have large stock for fern dishes, large pots and jardinieres.
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Poinsettias, 2½-in. pots, right for planting in pans, $5.00 per 100. Cash.
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Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
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Poinsettias, 2½-in., $5.00 100.
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Oriental poppy, $3.00 per 100.
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Primula obconica grandiflora compacta, new. P. obconica oculata. P. obconica grandiflora purpurascens. P. obconica grandiflora kermesina, the best strain in existence, strong plants from 2¼-inch pots, $3.00 per 100. Cash.
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Chinese primroses, best European strains, 2¼-in. pots, white, light pink, blue, red, $3.00 100; 3-in., $5.00 100. P. Forbesii grand., 2¼-in. pots, $3.00 100.
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New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
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Primroses. Fine 2½-in. pots, ready for 5-in., separate colors, will bloom before Christmas, $5.00 100; $40.00 1000.
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Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Primula chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 100.
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Primulas, obconica grandiflora, alba roses, Forbesi, 2-inch, 2c. Cash.
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Primroses in 2 and 3-in. pots. Write
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100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet.

1 year,	2 to 4	branches,	12 to 18	inches.
2 year,	4 to 8	"	20 to 24	"
2 year,	6 to 10	"	24 to 36	"
2 year,	6 to 12	"	36 to 48	"
3 year,	8 to 12	"	36 to 48	"

Two and three years. Has been transplanted. Write for trade list and prices.
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California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

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Pyrethrum roseum hybridum, mixed, $1.50 per 100. G. R. Clark, Scranton, Pa.

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Rose plants, strong stock, from 2½-in. UNCLE JOHN, the finest pink rose introduced, $20.00 100, $150.00 1000; Golden Gate, $2.50 100, $20.00 1000.
From 3-in. Chatenay, $5.00 100, $40.00 1000; Bridesmaids, $3.50 100, $30.00 1000.
All stock sold under express condition that it is to be returned if not satisfactory.
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Roses for winter flowering. Extra fine bushy plants. Liberty, Franz Deegen, 3½-in. pots, $18.00 100. Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots, $15.00 100.
Own roots. Beauties, Ivory, La France, 3-in. pots, $7.00 100. Brides, Maids, Perles, G. Gates, 3-in. pots, $5.00 100.
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NEW ROSES, H. T. and forcing.
Oberhofgartner Singer, 50c; $40.00 100; Dr. Troendlin (White Testout), 50c; Konigin Carola, large pink, 50c; Ruhm der Gartenwelt, dark red, $1.00; Etoile de France, bright dark red, $1.25. And all best European novelties. Send for catalogue.
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300 Mme. Cochet roses, 2-yr.-old plants taken from bench, cut back, just the thing for February planting for next summer's blooming, and 100 Kaiserin at 5c each or $15.00 for the whole lot. Harry T. Miller, Salem, Ohio.

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Roses, surplus stock. Bridesmaids, Ivory, Gates, Beauties, 3-in., $4.00 per 100; 2½-in., $3.00 per 100.
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Roses. Gates, Ivory and Brides, 2c.
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Manetti stocks for fall delivery.
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Ficus elastica, imported and home-grown, 4-in., 25c; 5, 5½ and 6-in., 7, 8, 9, 10 leaves, strong, bushy plants, 30c, 40c, 50c.
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Variegated ficus, September delivery, $5.00 per doz. Ficus elastica (green), sold out till spring 1905 delivery.
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Rubbers, top layers, 12 to 15-in., $3.00 doz.; 15 to 18-in., $4.00; 18 to 24-in., $6.00.
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Rubbers, 4-in., 25c; 5-in., 35c; top stock, strong. Cash. Byer Bros., Chambersburg, Pa.

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A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

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Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
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1500 Salvias, 2-inch, 75c 100, cash.
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Primulas, finest Chinese grown, mixed, 500 seeds, $1.00; half-pkt., 50c. Cyclamen gig., finest mixed, 200 seeds, $1.00; half pkt., 50c. Cineraria, finest large-flowering, dwf., 1000 seeds, 50c. Daisy, dbl. giants, mixed, 1000 seeds, 25c. Pansy, giant large-flowering, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of giant pansy seed. Cash.
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Sweet peas for Christmas blooming—Zvolanek's Christmas, pink; and Fl. Denzer, pure white. If seed is sown during the first days of Sept. you will have sweet peas for Christmas and all winter. Price: Pkt., 75c; lb., $2.50, postage paid. Genuine only when in my original packets. Orders for less than pkt. not accepted.
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Cineraria grandiflora seed.
Tall, finest mixed, per pkt.....50c
Semi-dwarf, finest mixed, per pkt.....50c
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Pansy seed, superb mixed, ⅛ oz., 75c; per oz., $5.00. Choice mixed, per oz., $2.00.
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Asparagus Sprengeri, fresh, 15c 100, $1.00 1000, $4.00 5000. Cyclamen per. gig., sep. colors, 75c 100, $6.00 1000. Berger's Never Fail pansy, finest mixture, 25c 1000, $1.00 5000. Pandanus utilis, $1.00 100, $8.00 1000.
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Pansy seed, the finest strain in cultivation, far superior to any other English, French or German selections, per oz., $4.00; per pkt., $1.00. Postage paid. Dollar notes accepted in payment.
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Wholesale orders solicited.

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Smilax. Good 6-ft. strings of bright, clean smilax, 10c each, $1.00 doz. Cash. We ship promptly 2 strings by mail, 25c. Try us.
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Green silkaline. Do not be put off with cheap substitutes.
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Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
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Smilax, 2¼-inch, first class, $1.50 100.
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Spiraea Van Houttei, 2000 very fine, bushy plants, from 2 to 2½ feet, $8.00 per 100.
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Stevia, 2½-in., strong, $18.00 per 1000.
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Strong, field-grown plants, $8.00 100.
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Stevia, 4-in. pots, $5.00 per 100.
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Cut-and-come-again, white; and forget-me-not, fine strong plants, from 2½-inch pots, $2.00 100. Cash.
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STRAWBERRY PLANTS.

Strawberry plants from our strong pot-grown plants. We have the best varieties for market and home use; plant now. Catalogue mailed free; write for it.
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Pot-grown strawberry plants. Clyde, Glen Mary, Bubach, Haviland, Sharpless, Brandywine, $2.50 100; $20.00 1000. Cash.
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Sweet williams, mammoth strain, large seedlings, $3.00 per 1000.
G. R. Clark, Scranton, Pa.

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Umbrella plants. Nice 2¾-in., $2.00 per 100.
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Tomato plants. Our own strain Lorillard tomatoes, five years a success. Fine 2½-inch pot plants, $2.00 per 100; $18.00 per 1000. Cash. Roney Bros., West Grove, Pa.

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Kentia Bel. 6-inch, "	1.00	"	Latanias, special grown, 7-inch, "	.50	"
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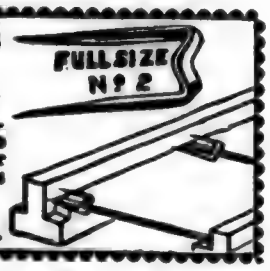
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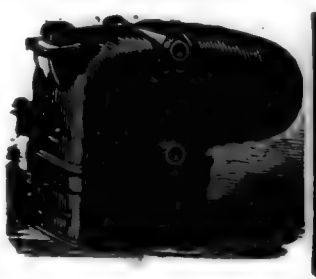
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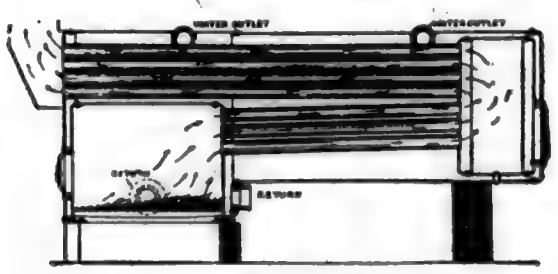
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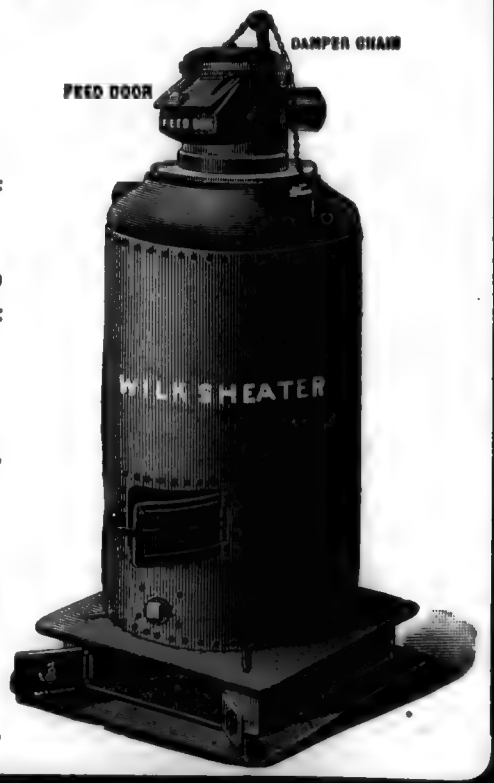
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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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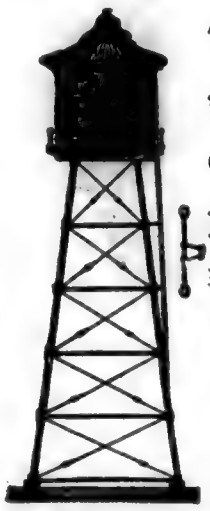
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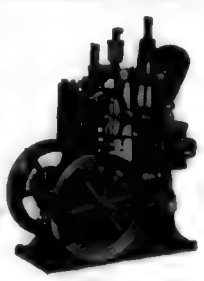
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PIPE CUTTERS New Saunders Pattern. No. 1 cuts ⅛-in.-1-in. pipe, $1.00. No. 2 cuts 1-in.-2-in. pipe, $1.30.

STILLSON WRENCHES New. 18-in., gripe ¼-in.-2-in. pipe, $1.65; 24-in., gripe 1¼-in.-2½-in. pipe, $2.40; 36-in., gripe ⅛-in.-3½-in. pipe, $4.75.

PIPE VISES New. No. 1 Hinged, gripe ⅛-in.-2-in. pipe, $2.25.

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GLASS New American. 50-ft. boxes 16x24 double thick, $3.10; 16x18, 14x20, 12x16 double, $2.88; 12x16 single, $2.30; 12x12, 8x10 single, $2.15.

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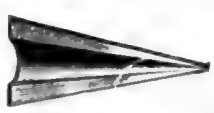
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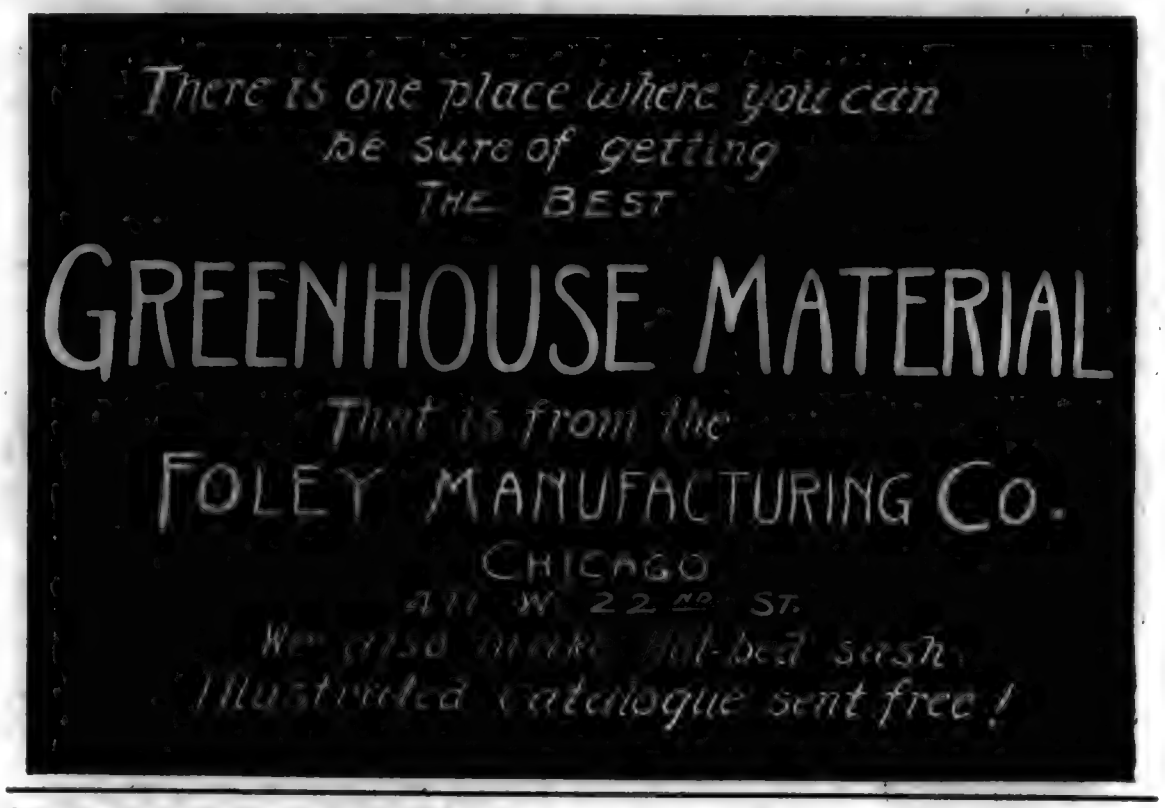
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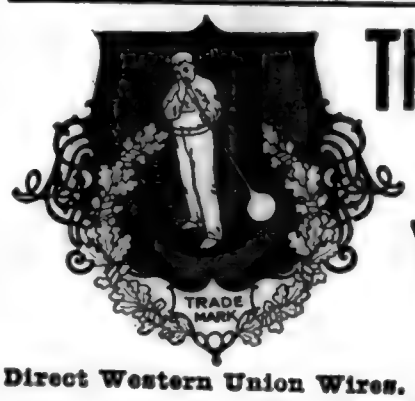


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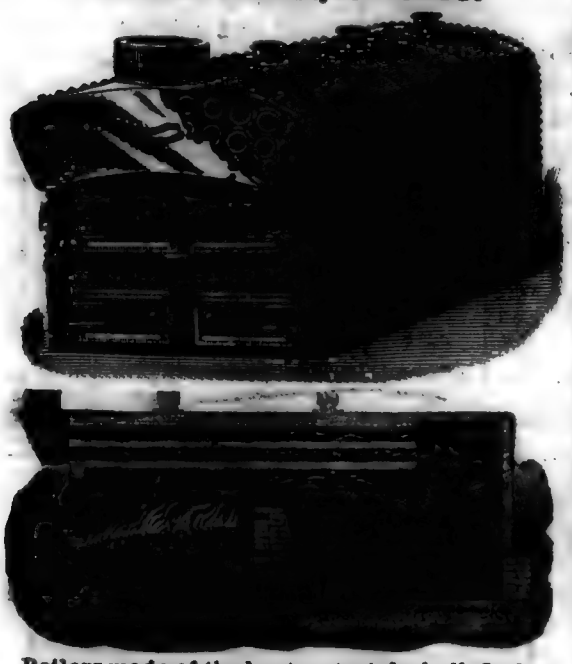
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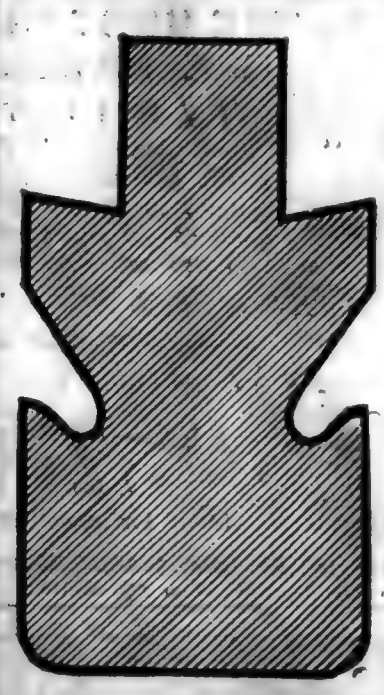
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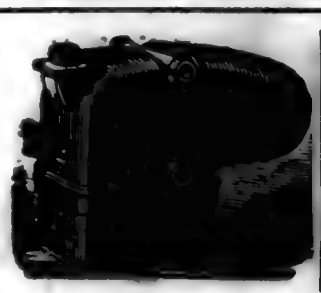
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Scarlet:	Per 100	Per 1000
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Pink:		
300 Nelson	5.00	40.00
2000 Lawson	5.00	40.00
250 Cressbrook	4.00	....
1000 Higinbotham	4.00	30.00

Variegated:	Per 100	Per 1000
1000 Marshall Field	$5.00	$40.00
100 Tiger	4.00	....
Crimson:		
5000 Harlowarden	5.00	40.00
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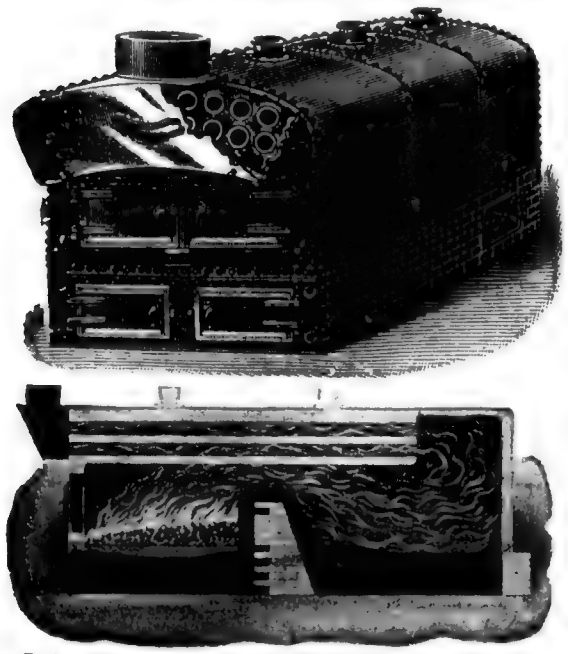
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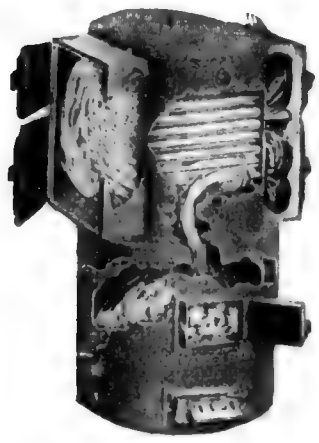


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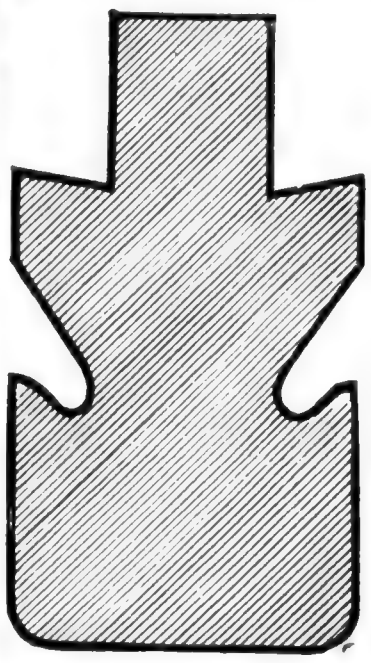
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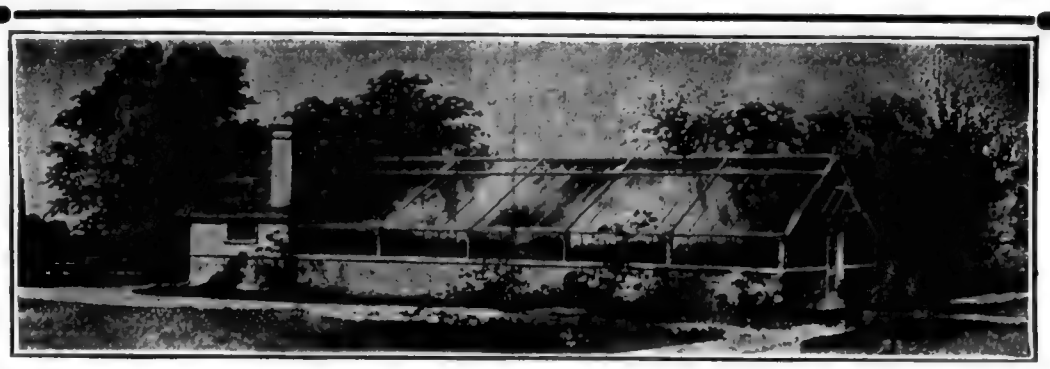
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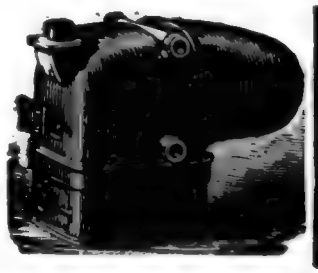
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MISCELLANEOUS SEASONABLE HINTS.

Beware the First Frost.

We have such wide climatic differences in this country that frost may be expected in North Dakota perhaps ere this. It may hold off until the middle of November in Maryland and never assail the orange groves of Florida during the whole winter. In the North Atlantic states, northern New York and what we call the middle west, we can look pretty surely for a slight frost during the early days of October. No matter how "beautiful" October may be, and it is a glorious month, generally a frost the first week has ruined our gardens and to the careless florist it has done worse than that; it has ruined many plants that he should have had under glass. From now on for the next three weeks is a hustling time.

Stevia Serrata.

That common cheap plant, Stevia serrata, is indispensable. Our best customers ask continually for "that light, feathery flower." They should be lifted and potted into 6-inch or 7-inch pots, but still left outdoors. This plant is in one respect like the cineraria: It will thrive in the greenhouse at a temperature of 40°, yet 2° of frost will curl it up. So have them in a position where they can be protected against a slight early frost and when it is gone they are far better outdoors for another month. The plants are stouter and better in every way outdoors than under glass and, as it is at the holidays when it is in greatest demand, it will come too early if given glass protection before the end of October. If your plants have been pinched within three or four weeks no more stopping should be done.

Azalea Indica.

Plants that have been summered over and plunged outside we consider nowadays our best plants for Easter. Just let me mention here that it would seem reasonable to suppose that these plants would be the most available to force for Christmas sales. But it has been proved by numerous growers that they are not. The newly imported plants are the ones to force for Christmas; that is, some varieties. The plants that you have carried over in pots during summer should be reserved for Easter. These azaleas will stand about 1° or 2° of frost, but more would hurt them, and as there is no object in keeping them out until danger of frost, get them into the house.

A light, bright house is not at all necessary. A deep cold frame would do them finely until severe weather sets in. They have matured their growth, set their buds and will be about dormant until the buds begin to expand in the spring. So a low temperature is the great essential and, as Easter is very late, a house where you could keep them down to 40° will suit them well during the dark days of winter. I will have something to say about the new importations a week later.

The bottle brush, Acacia armata and any cool hard-wooded plants that you have had outside need the same treatment as the azalea. They want to be cool until it is time to give them heat to bring them into flower.

Hydrangeas.

In our locality the hydrangea is by no means as important an Easter plant as five or six others, nor has it the importance our friend Mr. Peterson attaches to it. Yet when well flowered they are very decorative. A few growers plant them out. The majority of successful growers keep them entirely in pots. Don't be alarmed about a slight frost on them. A light frost ripens the wood and puts them in better condition to submit to two months' rest, which is essential before starting them into growth. If you planted your young plants out in the spring, you can lift them at once, but they should be left outdoors as long as possible, to mature and ripen the growth.

Growers of Easter plants of several kinds should be well supplied with cold frames and sash to cover them in case of frost. Azaleas, stevias and these hydrangeas would be better there until the middle of November and by that time many of your chrysanthemum benches will be thrown out and you then have plenty of room for these plants and others.

Rambler Roses.

We have induced our very near blood relations to grow some Crimson Ramblers on what I believe is the surest method and several times in my notes they have been referred to. They now have canes seven or eight feet long. The plants have been standing on boards outdoors in the sun for the past three or four weeks. The boards are important because we don't want them to root through. They have made growth enough. Don't let them suffer for water. The colder weather and frosts will ripen the wood. Yet there is a time coming, and that's in October, when they want careful watching. If we should get a warm spell with copious rains, the strong eyes on the canes may break into growth, and that's decidedly a pity. Lay them on their sides when rains occur during October. What you want is a gradual ripening, and when November comes there is no longer fear of any eye breaking.

When zero approaches lay them down in a cold frame and protect with evergreen boughs or shutters. Don't make the mistake of putting these hardy roses to rest with their roots dust dry. Many a hardy plant has been killed by severe freezing, because the roots were dry. Nurserymen like to see their trees and shrubs enter the winter with the soil wet and that's a lesson for us. A dry October and November, and then a sudden freeze up, is often disastrous to our orchards and ornamental trees and shrubs. And so the moral of all this is, while leafless and at rest these hardy roses must be moist at the root if exposed to hard frosts.

Begonia Lorraine.

Now is a good time to give these beautiful plants their last shift. Supposing they are in 4-inch pots, then give them 6-inch. If in 3-inch a 5-inch will do and that size of plants is in good demand. Pans or baskets can be made up later, when plants of a uniform size can be chosen. It is from now on for the next two months that this popular plant makes its most rapid and strongest growth. If grown in a north and south house no more shade is needed and if in an east and west house shade only for a few hours in the middle of the day.

Any permanent shade you may have during summer should be removed, and that will apply to almost all plants. As far as the strength or influence of the sun's rays at this season, the first of October is about as the sun would shine on us on March 13 or 14, and who thinks of shading so early as that? If I am wrong in this, it's because I am only a one-horse astronomer.

There is another commercial begonia which I think it will not be far wrong to call B. incarnata grandiflora. It used to be largely grown, and is still worth it, for cut flowers in January and February, but too often cut when soft and immature. Many have not grown it lately, because it gets diseased with a rust. The cause of that is too much shade in summer and fall. It will do plunged outdoors in the broad sun. If you still grow it, now give it the brightest bench you can.

Lifting Stock Plants.

There are several important bedding plants that it is a waste of room to propagate now. A few plants lifted and potted will later give you all the cuttings you require for your spring stock. Among these are acalyphas of several kinds, ageratum, lobelia, feverfew, the glorious Salvia splendens and others that will lift. I don't say all these should be lifted right away, but as you only want a few of each, they will not be missed from the garden and you won't be all in a fluster on the eve of Jack's first visit.

Not one inch of your propagating bench should be vacant just now if you are a bedding plant grower and at once should go in large batches of the ivy geraniums, the scented and tricolor varieties, the variegated and green vinca (by green I mean what is properly known as Harrisonii and which is quite as valuable for vases and veranda boxes as the variegated), the Abutilon vexillarium, a few cuttings of lophospermum, in fact any bedding plants that cannot be lifted easily and of which you want a large quantity.

Tulips are arriving. If you want to cut some soon after Christmas, get 1,000 of such good variety boxed at once. The main crop can wait a few weeks.

WILLIAM SCOTT.

ROSES.

Foresight as to Soil.

Growers who are alive to their best interests will now begin to store their soil and manure for winter and spring requirements. This material is now in the most fit state for storing that we can expect and if the storing is delayed

till the cold fall rains have had time to saturate it the best properties will be washed out.

A most essential adjunct to every growing establishment is a well built soil shed. This shed should be built on ground a little above the common level and be amply provided with drainage. The roof should be entirely water tight, so that no drip can reach either soil or manure. The side walls should be open enough to admit fresh air and some provision should be made to exclude frost.

After the plants have consumed the elements contained in the soil in the bench and watering has to be given more guardedly they are deprived of the best part of their sustenance and this must be supplied in some form from week to week.

The careful grower will, before the winter has commenced, have a store of material which he can draw upon to supply food for his stock as often as required. This supply of food can be easily and safely administered, even during the shortest days, in the form of a light mulch, which should be prepared while soil and manure are in that fine, mellow condition so easily distinguished from hard, cakey, or sodden soil.

A compost of two parts decomposed cow manure to one of good fibrous sod, thoroughly incorporated and passed through an inch screen or a fine sod crusher, will make it fine enough for use. Just before putting it on the bench we usually add to each bushel of mulch a 5-inch pot of dessicated bone meal and, after carefully watching results, are satisfied that this is about the right proportion for mulches not exceeding an inch in depth.

How pleasant and handy to be able during the cold days of January, when our first batch of cuttings are ready to pot, to be able to place on the potting bench some fine, mellow, warm soil, soil which we are not afraid will chill the tender young roots instead of having to bring it in in a frozen condition and await patiently for it to thaw and dry out.

By a little foresight now we can save many anxious hours of worry during the long winter days, besides having the soil in the proper condition, which contributes so much toward the successful raising of young stock.

As the nutritive qualities of soils and manures and their action upon stock at different stages of their growth should be part of the stock in trade of every grower, old and young, I will in the near future make this the subject of a short treatise. Ribes.

BEGINNINGS IN DESIGN...

A PALETTE ON AN EASEL.

Emblematic Designs.

Before entering upon the discussion of this design, it might be well to speak briefly of the selection and adaptation to floral execution of the best parts of badges, emblems, buttons, etc. Many designs of this kind, good enough in jewelry, are too complex to reduce to a good average-sized piece in flowers. For instance, the one from which the palette before us today was chosen, was a round button with a blue background, white palette and brushes in the center, under which was a scarlet panel with the word "Iowa." Above the palette were the initials "P. A. of." The palette was of white enamel with splashes of paint around the edge of the wide part, just as an artist arranges them for his color work, the purple first, then the red, pink and yellow following a line around the edge. The brushes were drawn through the thumb hole. The whole design was too elaborate for reproduction in flowers except in a very large piece, and besides, the scarlets and purples in flowers can never neighbor with a good grace. The question, therefore, to be decided first was as to what part should be selected, and what part or parts ignored. The part to be reproduced is that which signifies the most, of course, which in this case was the palette with the brushes. The remainder was simply a background for palette and lettering, and at the same time a good excuse for getting rid of objectionable coloring. Choosing the significant part, therefore, we proceed to give it a free interpretation, as it were, by adding an easel and trimming. The badge described above was that of an art association.

Filling and Stemming.

After lining the palette frame with ferns, filling with sphagnum and wrapping as for other designs, cover the frame with the background flowers. It should have been stated above that the design frame ought to be shallow, as an easel is thin wood. Stem the asters on three-quarters picks and insert as flatly as possible against the moss. Cover the shallow edges with small asters. In stemming asters, place the blunt end of the pick up close against the base of the flower, and wrap as tightly as the stems will stand without being cut by the wire. In other designs it is well to stem asters and chrysanthemums on whole picks, by setting the upper point of the pick up into the solid center of the flower from below, to secure the flower in case the soft stem should snap at the top. Afterwards wrap as above.

Smooth Surface and Outline.

The background here is of white, top and edges the same without any green. In any design with no more of a distinct form than this never obscure the outline with a green edge. If you are going to make a design, make it. In plain English, outline it strictly with a uniform material, be positive; then get in your art in free and abundant trimming. In neither coloring nor filling allow the distinctness and character of your design to be obscured. The only exception to this rule which comes to mind now, is the wreath, in both construction and trimming of which you may give loose rein to your inclinations for untamed freedom and wild grace.

Smooth the surface of the palette by inserting a few white carnations here and there between the asters. Cover the whole surface of the palette with the asters and carnations, except the thumb hole and the indented place above the hole. These should be either cut in the construction of the frame or covered with ferns before the flowers are inserted.

Observe the Technicalities.

After constructing the palette proper lay in the splashes of color. These can scarcely be distinguished in the picture, and so in the description immediately following we will endeavor to be very explicit, and with a little study the idea will appear plain. An artist as he arranges the colors on his palette, ready for mixing, beginning with the dark colors at the top, will put out a splash of black, then blue, then dark red, following with the more brilliant dark colors and toning out gradually to the lighter colors and tints, ending with white. In other words, a rainbow is the most convenient arrangement of colors on the palette. Here is an idea which can be very prettily worked out on our piece.

In order to make the effect of a splash of color rather than a dot, first insert a purple aster over the white background in the ordinary way. Then cut a purple aster stemmed in the same way, in two vertically. Insert it on top of the first purple aster deep enough to draw the latter partly to one side. The effect is one of a ragged projection, like a splash of paint. A short distance to the right insert a stemmed American Beauty without foliage. A half blown bud is chosen for this, and on one side a petal is pulled down to produce an irregular edge. For the third splash of color, stem an individual gladiolus flower with a light pink background and a bright variegation. Set the flower down close against the background, and a short distance off the background color of the flower will not be seen, and only the bright streak of color appears. Farther round the palette produce in a similar manner, a spot of yellow and one of delicate pink. Do not overdo too much coloring; choose and adapt a few hints from this suggestive source.

Choice of Easels.

At this juncture mount the piece on a bamboo easel. The latter is chosen rather than a wire easel, on account of its strength and substantial appearance in comparison to a wire easel. Many solid pieces requiring mounting look better on this kind of an easel. They are inexpensive. To properly mount the piece, which by this time has become quite heavy, set the lower edge on the cross bar of the easel and tie through the edge of the wire frame around the uprights of the easel on both sides with strong wire.

Trimming the Palette.

In order to give a starting point for the trimming on the surface of the palette, insert the brushes, or rather, the imitation brushes through the thumb hole, "a la artiste." The easiest way to make the brushes is to whittle out a long stick, smooth it off round and point at one end and on the other end wrap a few sprays of loose wheat heads to resemble a brush. Bronze the brushes and pull them through the thumb hole, or appear to do so. In reality push the

pointed ends downwards through the sphagnum near the edge of the thumb hole, and they will hold themselves in place.

Arrange a loose spray of Golden Gate roses according to the rule for making clusters and trail the same along among the brushes, the tip at the top of the group of brushes, and the stem end drawn through the thumb hole. Tie the stem end under the palette to the frame. Let a few of the roses in the stem end fall downward toward the edge of the piece. Add a long spray of delicate green toward the tip of the cluster.

Trimming the Easel.

Bunch some purple, light pink and white asters with wood ferns, in a loose, round cluster and tie with heavy wire around the base of the right upright of the easel, as shown in the illustration. Continue the line of decoration with smaller groups of asters up the right side of the easel, allowing the flowers to stand out away from the edge of the frame. Let them have an independent swing all the way up. Only wire them securely, so that nobody can say that your art is impracticable. Do the same with the fern leaves. A bunch of long-stemmed Shasta daisies is tied over the right end of the cross bar of the easel. These could be just as well stemmed in groups of two or three and inserted on the edge of the palette frame, with the same airy freedom allowed the asters. The group of wood ferns on the top of the right upright are merely set in the hollow bamboo, as in a vase.

This piece well illustrates the principle that a design itself should represent some object or idea, and must be made distinct, and then can be trimmed lavishly. This design is appropriate for an exhibition piece, or for the funeral of an artist, or one who is a patron of art in any line. GERTRUDE BLAIR.



An Artist's Palette on an Easel.

FLOWERS BY TELEGRAPH.

Put a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the REVIEW and select a man to whom to telegraph the order. You will find it a very satisfactory source of new business.

WITH BOSTON GROWERS.

John McFarland, North Easton, Mass.

John McFarland, of North Easton, has two nice houses of Carnot roses from which he is cutting good quality blooms. He has over 12,000 single-stemmed chrysanthemums which look well. One of his special favorites is Mrs. E. D. Adams, which he considers an ideal yellow for the trade. A batch of 2,500 Mrs. Thirkell is grown for late yellow blooms. A bench of 400 Cypripedium insigne looked well. Some 1,500 poinsettias are grown in benches for Christmas trade. Lilies, sweet peas and lily of the valley are other specialties, 75,000 of the latter being grown.

Peter Fisher, Ellis, Mass.

The name of Peter Fisher, of Ellis, Mass., is known to every florist in the United States and Canada as that of the originator of Lawson, Enchantress, Mrs. Patten, Governor Wolcott, Nelson Fisher and other choice carnations. The end of August is not the best time to visit Ellis, but an interesting specialist like Mr. Fisher, who has achieved such signal success in late years, is always worth calling on. We found the carnation houses all filled with thrifty stock, a good deal of which had been grown indoors all summer. Flamingo looked very well and Mr. Fisher thinks highly of it. His stock had all been grown indoors. He stated that another prominent grower had not succeeded at all with it grown under glass. Lady Bountiful, White Lawson, Boston Market and Wolcott are grown as whites. The first named and, indeed, all other sorts where grown inside, were immensely superior to plants from the field. Nelson Fisher, Mrs. Patten and Enchantress are grown in quantity. Some fine flowers of the last named were being picked.

A batch of 500 Gibson Beauty looked very promising. Another bench of a new white claimed our attention. This Mr. Fisher assured us was a great improvement over Wolcott, a superior flower in every way, which should stamp it as a winner. A fine new house 33x300 has just been completed, with all modern improvements. It is an even-span, which Mr. Fisher considers much the best.

A house of seedlings, mostly on trial for the second year, will shortly be very interesting. We noted dozens of labels with mysterious hieroglyphics denoting the numerous crosses. They include about every conceivable color. One especially fine one is in the way of Enchantress, but two or three shades deeper in color.

Asparagus Sprengeri and tomatoes are also grown here, but carnations outweigh all else in importance. We observed signs of horticultural progress in Mr. Fisher's youngest son, who was experimenting with a bench of watermelons in one house. May he prove a valued aid to his worthy father.

Thomas Roland, Nahant.

One of the best all around plantsmen supplying the Boston market is Thomas Roland. While perhaps best known for his striking success with Begonia Gloire de Lorraine, he grows a large assortment of other plants and grows them all well.

Mr. Roland's compact greenhouse plant comprises some 40,000 feet of glass, every foot of which is made to count. Pot plants are being grown more extensively here each year and will no doubt eventually displace bench stock altogether. The first house to attract our attention on a recent visit, was one containing 1,200 cyclamen, beautiful stock grown in deep pans in lieu of pots and intended for Christmas trade. Poinsettias are grown in quantity and pans were being filled with several stocky little plants each, in which way they sell the best. Euphorbia jacquiniæflora is also well liked, but is found less easy to root. Erica hyemalis, E. persoluta alba and E. Mediterranea are

well grown, the first named being already in bloom. Genistas, azaleas, Acacia armata and Bougainvillea Sanderiana are grown in quantity and numbers of Crimson Rambler roses are being prepared for Easter trade.

Lilium Harrisii for Christmas flowers was at the right stage. Primulas in frames were nice, stocky plants. Marguerites, Mahonia odorata, Campanula medium, gloxinias and achimenes are all handled. In ferns we noted quantities of Nephrolepis Bostoniensis, Piersoni and Scottii in benches and pots. Pteris tremula and P. Microlepia hirta cristata are also favorites. Dracaena terminalis and D. Sanderiana are found useful for making up center-pieces.

Lorraine begonias are, however, Mr. Roland's great specialty. These fill two large houses. One is almost entirely filled with big specimens being grown for Christmas trade, the other being largely young stock for shipping, which were to be seen in thousands, all being in the most vigorous health. In addition to the ordinary light and dark forms, the varieties Glory of Wellesley and Turnford Hall were noted in quantity. Orchids are not omitted. A bench of 500 Cypripedium insigne were pushing a forest of spikes. Oncidium varicosum Rogersii is also grown, some fine sprays being in full bloom.

Two new houses each 140 feet long are planted with the popular market chrysanthemums. These looked first-class. About 10,000 carnations are grown, favorite sorts being Lawson, Adonis, Enchantress, Mrs. Patten, Queen and Boston Market.

A large storage shed was just being completed, which will prove very useful. In addition to his regular greenhouse trade Mr. Roland cares for many of the estates of the Nahant cottagers, employing a large staff of men on this work from spring to fall. Everything on this establishment is as neat as on any private estate, the furnace room being no exception. W. N. Craig.



SEASONABLE WORK.

Just now there is lots of work in the chrysanthemum houses and it is work of a character that it does not pay to leave undone or keep putting off from day to day. All the plants that for any reason did not set a crown bud are now rushing in together and disbudding should be attended to every day. It is wonderful, when the cool nights of September set in, how rapid is the growth of the plants. After the bud is set and swelling it seems as though side shoots spring from everywhere and suckers appear in a night. All these must be removed for the present to keep the energies of the plant concentrated on the developing bud. Later on, when the flower is finishing, the suckers may be left, as they serve a good purpose in using up the surplus moisture from the soil, and they are needed as the nucleus for stock for next year.

Feeding has been gone into recently in these notes and there is no need to rehash it, but throughout this month is the period when feeding is most needed and when the plant is in the best condition to take it up. In using liquid manure water always arrange things so that the liquid is free from sediment. Then it spreads through the soil evenly and does not leave a hard scum on top of the soil. This is noticed more when soot water or cow manure water has been used, soot water particularly clogging up the pores of the soil and interfering with its perfect aeration.

Bone meal should not be used as a top dressing any more now, as the plants will be unable to get much good out of it before the flowers are cut. As the different varieties get up to a point where they are showing color it is well to discontinue feeding altogether. If too long continued the flowers, though they may be a little larger, will most certainly be much softer and more liable to damp in the petals, and will also bruise very easily during shipment.

Tying up should be attended to now while the stems are still pliable, so that they may be clean and straight when ready for market. Flowers with clean, straight stems and perfect foliage sell much more easily than a crooked looking, neglected batch, no matter what kind of flower is on top, and for exhibition, of course, the perfect stem and foliage counts considerable in the grand total of points.

Shading should be attended to along the early benches, where the flowers are fast developing. If one has an entire house of early kinds, shading is easy, but if it happens that one has just one or two benches of early kinds and the rest are later ones, the whole house cannot be shaded indiscriminately as the later ones need all the sun that is going for the next two or three weeks. Tack some heavy cheese cloth over the flowers or shade the glass outside part way up. Shading is absolutely necessary for early flowers, and in most cases for late ones also, as the sun is so hot on occasional days that it will burn the petals, no matter how carefully feeding has been done.

Brian Boru.

FIRE HEAT FOR MUMS.

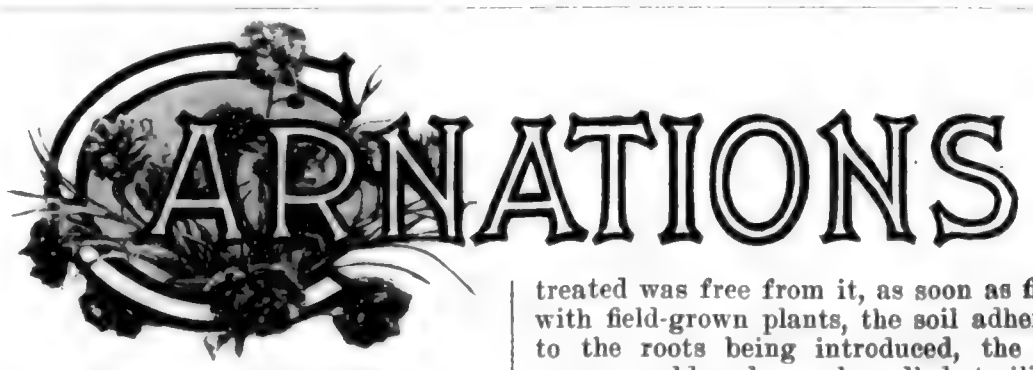
How soon will chrysanthemums require fire heat? We are now having light frosts. T. H.

I think a little fire heat is beneficial in the mum house when the thermometer shows 45° in the house. It is far better to leave a crack of air on the house and run a line of steam than to close the ventilators tight to keep the house warm enough without artificial aid. By keeping on a little air with heat the atmosphere of the house is dry and moving, while if closed up tight the air is moist and damping of the florets of the opening flowers is very likely to ensue. With crown buds mostly taken, I would prefer a night temperature of about 50°; terminal buds develop in any temperature above actual freezing.

Brian Boru.

Cadillac, Mich.—A. W. Tweedie has had a very good crop of asters this season; no disease.

Springfield, O.—The Springfield Floral Co. has increased its capital stock from $40,000 to $50,000.



CARNATION NOTES.—EAST.

Stem-Rot.

This trouble is now due to make its appearance if conditions have been such as to favor its development.

The above statement may be at variance with the opinion of those who hold that this disease is constitutional. It is admitted that some varieties are more susceptible to it than others, but the results of numerous experiments and close observation have led me to believe that stem-rot is wholly dependent on surrounding conditions. Nothing has been left undone in the efforts to discover a means of cure, but we are still at a loss for a remedy when a plant is once afflicted.

It was thought sterilization of the soil would prove beneficial and perhaps eliminate it, but admitting a bench when treated was free from it, as soon as filled with field-grown plants, the soil adhering to the roots being introduced, the soil proper could no longer be called sterilized.

The only course left open to us is prevention, and this can be practiced by maintaining conditions beneficial to carnation growth but unsuitable to the development of stem-rot.

Stem-rot is classed as a fungous disease and is transmitted by thread-like spores, but we know these spores will in time perish unless deposited where conditions are favorable to their growth. We also know these spores will remain dormant a long time in soil and that excessive moisture is one of the conditions needed to awaken them to activity.

Should the plants become weakened at housing time through careless digging, exposure of roots to sun and wind, improper planting, too much spraying or watering, very close planting, use of soil in bad mechanical condition, maintaining a damp, stagnant atmosphere, in fact



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by any means that would tend to retard or prevent vigorous re-establishment, the first step has been taken in the production of ideal conditions for stem-rot to gain a foothold. To be sure, some plants may be affected when brought in, but these usually die a few days after transplanting and cannot be said to have been mistreated.

It is the interval between housing and regular firing that this disease is to be most vigorously guarded against. Although too late to remedy any defects in digging, if planted too deeply a portion of the surface soil may be carefully removed. Atmospheric conditions and supply of moisture in soil and on foliage can be regulated, also the mechanical condition of the soil can be improved, if faulty.

Keep the air in the houses constantly on the move, remove all dead leaves from the plants and allow none to decay on or in the soil. If compelled to spray or syringe, choose a bright morning, that the foliage may dry soon. Give the houses an occasional dusting of grape dust. Decrease the amount of water applied to the paths as rapidly as possible. Break up the surface soil frequently and, above all, do not overwater.

Should any plants become affected, remove at once, with the soil immediately surrounding. The excavation made should be left open a few days to dry out, when new soil can be added and a fresh plant inserted. It is presumed you reserve a few plants of each variety in pots to replace those lost from any cause.

Very little in addition to good treatment can be done for the plants in close proximity to those affected, although watering for a time in a furrow made between the rows and a liberal dusting of air-slaked lime and powdered sulphur around the neck of the plant is advisable.

GEO. S. OSBORN.

FIRE HEAT FOR CARNATIONS

How soon should fire heat be given carnations. We began having light frosts September 15.

T. H.

During the next month a great deal of judgment must be exercised in regard to firing on cold nights. Those who grow roses or other plants which require firing every night now, and employ a night man, can manage much easier to have a little heat around when it is needed than those who grow only carnations or stock which requires carnation temperature. Many carnation growers do not put on a night man until October 1 and some even later than that. There are, in fact, usually but few nights during the first half of October when fire heat is actually necessary in our locality, and if you will keep tab on the weather during September you can usually tell pretty well in the evening how cool it is likely to be the next morning.

Just how cool the houses may run without injury depends on the condition of the plants, etc. If your plants were housed early and have been growing with an abundance of ventilation they will stand a much cooler temperature than if they had been planted lately or if they have been growing very rapidly and soft. Those who have fire heat for other plants will do well to run their houses about 50° through October, unless there is a crop of buds opening, in which case they had best be run at the regular winter temperature. We do not aim to have much of a crop on before about November. Houses which are not in crop will not require such regular temperature while plenty of ventilation can be given and the days are bright.

As I said a few weeks ago, water, sunshine and fresh air are the three mainstays of the carnation. If the weather is bright the temperature can run down close to 40° in the houses occasionally if the ventilators are open. Of course I would not want this to happen several nights in succession, nor would I want it to happen with the ventilators closed. I would rather have my houses run down to 40° with the ventilators open than to have them at 45° with the ventilators closed and no fire heat. At this season they will be down that low only a few hours toward morning and little if any damage will result.

Don't make the mistake of thinking that you can bottle up some of the heat in the houses in the evening by closing the ventilators tight while the houses are warm to prevent them from running down in the after part of the night. There is no surer road to weak stems, soft growth and disease than to follow that practice. If you begin this early to deprive your plants of one of the essentials, what do you think will become of them later on when you cannot open the ventilators for a week at a time on account of ice on the houses? Last winter a prominent grower gave as his opinion that the general sleepiness of the carnation blooms which prevailed for some time was caused by a lack of ventilation, which was caused by the long, severe winter. There is no doubt but that this is true in a very large measure. If we could have opened our ventilators a few inches for several hours each day, there would have been less complaint. That is also largely the reason why carnations which are grown cool will keep longer than those which are grown warm. The cooler-grown ones get more air.

You will lose nothing if you do have fire heat in your carnation houses to have an inch or two of air on all night whenever practicable. Of course you do not want to do this when you have to run several pipes to keep the temperature up to the proper level, but there are many nights when you can run one pipe and an inch of air and keep the temperature about the right mark. That will keep the air moving and prevent it from becoming foul, which should at all times be avoided.

A. F. J. BAUR.

PUT ON A GOOD FRONT.

"Wash all you got and hang out all your wash."

While the camera was on hand the other day we thought it worth while to take a shot at about 175 feet of the gable ends of a few greenhouses, with office in the distance, the grass plot next the street, with some flower beds, palms, elm trees, etc.

There are several different kinds of florists' establishments. If you are a wholesale grower in the country, then appearances don't count for much so far

as revenue is concerned, but neat, tidy and if possible ornamental surroundings must be, to anyone in our business, a comfort, a solace and a continued joy.

Some florists are yet found in our cities, where the land has become so valuable that they have covered every inch of their property with glass, leaving no room for outside embellishment. A well-painted greenhouse and office, with the prettiest show of plants and flowers for the passer-by to admire, is all they can do in that line. Then there are others, like this man whose place is photographed, who when building left a margin of fifteen to twenty feet between the houses and the sidewalk and, as he retails all he produces, the very best advertisement, and the cheapest, is for him to make his place attractive, for citizens of all classes pass that way and it makes an impression which, if backed up with business principles, must tell.

There are only about three primary principles in our business: First, supply a first-class article; second, be polite; third, be prompt with all your promises, and if there is a fourth, it is advertise judiciously, and keeping a neat, ornamental place is a cheap advertisement.

Sometimes you see a place like this man's with some rough boards put up enclosing beds of pansies or asters. That looks too commercial. Let the place look as if you put your flower beds and palms there for your own enjoyment and you will be thought all the more of. Even if at this season your houses may contain little that is attractive, it pays well to put on a good front.

Of course, I am well aware that if this was the home of a tailor or butcher it would properly be considered overdone, but as it is the modest home of a florist, it's excusable. Our elevating business is to make the home pleasant, the grounds pretty. Our work appeals to the best and purest sentiments in man, woman and child and therefore, it's our duty as far as we are able to practice what we preach. W. S.



Calla Elliottiana at Pasadena, Cala.

CALLA ELLIOTTIANA.

Now that the yellow calla is attracting so much attention, as it justly should, perhaps the readers of the Review would like to see how calla Elliottiana looks growing in its full strength and beauty, four feet high, flowers as large as any large white calla, leaves fifteen inches across, at Pasadena, Cal. They make a magnificent show, with their rich, deep yellow blooms, without that purple spot in the throat, which is found in all other yellow callas. C. H. Hovey.



PRINCESS OF WALES.

Undoubtedly more Princess of Wales violets have been planted for this winter's blooming than ever before and undoubtedly a great many will try them that have not grown them before. To those the following notes may be of some value:

Princess of Wales does best, in my experience, outdoors through the summer. Those who planted out their stock in May or June will now have nice plants but these should not be housed too soon. I commence housing mine at the last of September. Undoubtedly early housing is a great detriment to the flowering of the plants through the winter. If housed in September, more so the early part, the plants will make a very soft growth in October and November, which will throw the plants out of bloom and it will be into January before blooms begin to come again. I think the first and second week of October is the best time to house them. The plants are then well hardened by the cool weather, and there is little risk of their all going to leaves, after that date. I have not had to use any protection on mine in the field until about October 15.

In planting in the field I plant in rows fourteen inches apart, and twelve inches between the plants and every fifth row leave a space of two feet. Then you have your plants in beds six feet wide and when the nights get cold I run a plank along each side of the bed. You have then a cold frame. I protect them with sash, mats or shutters. These all come six feet wide, so there is not much trouble in protecting them for winter's blooming. It is policy to have the housing done by Thanksgiving or before.

The Princess of Wales is a very hardy violet and a great many things can be done with it that cannot be done with doubles. Last year I flowered a house up to New Year's and then covered the roof and kept the house dark and kept it at the freezing point until the beginning of March. The covering was then removed and the plants were started slowly and came in bloom for Easter. The pick for that day was fifty blooms to the plant. Owing to the lateness of Easter this year it will be a difficult matter to have violets in bloom. I am trying a method to see if it will not be possible to get them. Wm. Sim.

LAELIA ELEGANS.

During the months of August and September, when cattleyas and, indeed, all orchid flowers are scarce, nothing is more useful than this beautiful Brazilian lælia. First introduced in 1865, it has never become plentiful and its consequent high price has deterred many from growing it. While it is never likely to be as common or inexpensive as many other lælias or cattleyas, it is now being offered at a very moderate price in America and any who may feel tempted to buy a few plants may be encouraged by remembering that this is one of the few orchids that propagate readily and with the greatest ease by cutting the plants up.

The culture of Lælia elegans is not at all difficult. It succeeds well in the cattleya house, either on a stage in a position well up to the light, or suspended from the roof. For compost we prefer good osmunda fern fibre and the plants succeed either in pots, pans or baskets. For the strongest plants we think pots are preferable. Anyone who can grow Cattleya labiata or C. Trianæ can succeed with Lælia elegans, for it needs no special treatment. One good point also in favor of it is that it usually gives two crops of flowers and these flowers come when orchids are in good demand, and that orchids are increasing in popularity admits of no question.

There are quite a number of fine named forms of Lælia elegans and in a collection of imported plants a wonderful variation will be seen. Sepals and petals are usually white or rose, varying to carmine, and the lip rich magenta or purple. The scapes are erect, carrying anywhere from two to a dozen or more flowers each, which will average six inches across. We had as many as twenty-three flowers on a scape of Lælia elegans Lindeni. Out of some twenty named forms in our collection a few of the best are: Turneri, a very fine variety with deep, rosy pink sepals and petals and a rich magenta lip; prasiata Lindeni, alba, Schilleriana superba, a magnificent form; tenebrosa, a very dark variety; paralenchos, Littleana and Wolstenhomei.

The extreme scarcity of this beautiful lælia in its native habitat makes it unlikely that it will ever be much cheaper than it is today. Our enterprising American orchid dealers are fully alive to the value of this orchid commercially



Laelia Elegans is One of the Most Useful of Florists' Cut Flower Orchids.

and now carry nice stocks of it. Our illustration was kindly furnished by Lager & Hurrell, Summit, N. J., who were fortunate enough to secure a large importation in 1903, and the cut shows that they are cultivating it very successfully. W. N. CRAIG.

Vegetable Forcing.

CUCUMBERS.

Potting On and Planting.

Supplementary to my former notes regarding the planting of cucumber seeds, I would recommend that as soon as the plants are well up and have taken a good hold of the soil, if the pots contain more than one plant the poorest ones should be pulled out and the strongest one left. As they are fast growing it will not take long before the pots will be well filled with roots and a shift into a larger size will be of benefit, as it is necessary that the plants be kept growing freely. If there is a likelihood of any delay in planting and a danger of the plants getting pot-bound, I would prefer to move them up two sizes at once (into 5-inch pots) rather than have to move them a second time, as the roots are soft and easily injured. An open, turfy compost should be used for potting, a close, retentive soil being unsuitable for cucumbers at any stage of their growth. They should be kept in a good light situation to avert drawing.

Though some large and successful growers plant their cucumbers in solid beds, or in the soil that forms the floor of the house, I prefer benches, especially for winter crops, as here the soil can be kept a few degrees warmer and the roots are better under control. Besides, the plants are better up to the light and to keep the foliage strong and firm in texture all the light procurable is needed.

A mistake is often made in giving cucumbers too much soil in their permanent quarters. I well remember the first crop of cucumbers I ever planted. It was in the spring and in a bench from which carnation plants had been removed. We forked up the soil in the bench and worked in a liberal dressing of well rotted manure. The plants soon got a hold and when they got down to business the growth was so luxuriant that it took quite some work to keep them trained in shape. But the principal trouble we had to contend with was the setting of the fruit. It was not until the trellis was covered with growth and the bench pretty well filled with roots that the fruit began to set freely. On visiting a neighbor I found that he had the roots of his plants confined into a space about a foot wide and eight inches deep, by means of boards which formed a box running the length of the house, consequently from plants set about the same time as my own he had cucumbers ready for market before I had procured a decent set. Since then experience has taught us to confine the roots to a more limited space. The box idea is a good one. A good size is fourteen inches wide and eight inches deep. This should be but partly filled at planting, more soil being added as the plants require it. Or the plants may be set in hills, using only a shovelful or two of soil to start with and adding more as the roots appear on the outside of the compost. Where rotting at the neck is troublesome the latter is the better method, as it insures against any water lodging around the neck of the plant. A rough, turfy compost should be used and about three feet apart is the best distance to set the plants. W. S. CROYDON.

PREPARING COMPOST.

Though it will be some time before the work of filling the benches in the vegetable houses will begin, the present is a good time to have the compost attended to. Most growers will have had the material piled up since spring, or probably since last fall, but some may be so unfortunate as to not have it composted even now. To any such belated ones I would say, get it together without delay. The only way that lost time can partly be made up for is by chopping the material up finely and turning it frequently, so as to get the different ingredients thoroughly incorporated. Only thoroughly rotted manure should now be used for the compost, as there is not time enough for chemical action to reduce the excess of organic substances.

Given a fairly good soil, I do not advocate the use of bone or other commercial fertilizer in the compost to be used in the vegetable forcing houses, even if the compost has been prepared months ahead, but in the case of delay, where the compost has to be mixed only a short time before it is to be used, my advice would be, by all means cut it out altogether. Good farmyard manure I have found to be the best for mixing in the general compost. Some subjects, such as tomatoes, cucumbers and cauliflower, might be benefited by the application of a little bone meal to the soil, but, if the soil is fairly good, the farmyard article is sufficient to promote a good healthy growth, and when the maturing stage arrives, when a stimulant is found necessary, it can very conveniently be applied in the form of liquid manure.

Where the compost has been prepared for some time the present is a good time to have it turned over and well chopped up, so that all the ingredients will be thoroughly mixed. Then it will be in readiness for filling the benches when the time comes. It is poor policy to leave the soil unturned until you are ready to fill the benches, as the soil will settle and be beaten hard with rains. This hardening naturally restricts the passage of air through the soil and loosening is

necessary to insure the sweetening of the compost by freer admission of air. Besides, the soil will often become so hard as to render it impenetrable by rains and becomes too dry, in which condition some of the essential chemical properties may be eliminated to a hurtful degree. Of course, there is always a possibility of having too much of a good thing and, in the case of frequent heavy rains just previous to filling the benches, some means should be provided for protecting the pile so that the soil will not become too sodden. The best condition in which the soil can be filled into the benches is a sort of happy medium, neither too wet nor too dry.

W. S. Croydon.

BOSTON.

The Market.

Generally speaking, the past week has been a satisfactory one, stock clearing out well in nearly every case. Roses are coming of better quality. For the best grades prices have stiffened a little, otherwise there is no change. Carnations have sold at from $1 to $3 per 100. Some very good blooms are now coming in, Enchantress, Fair Maid, Queen, Lawson and other popular sorts. The severe storm of September 15 spoiled many outdoor flowers and the output of these has shortened appreciably, particularly in the case of feverfew, stocks and asters. The latter, where of decent quality, sell readily at from 75 cents to $1.50 per 100. Dahlias also suffered severely from the wind and rain but will soon recover. Chrysanthemums will appear this week. Lily of the valley sells at an average of $4. Other flowers noted include cosmos, purple gentian, white boltonia and hunnemannia, Mexican poppy. The latter is a fine keeper, lasting four or five days in water. It should be grown more by florists. Some good gladioli are still coming in. These have been extra good this year. Asparagus and adiantum show no particuar change. Prospects for fall trade are much better than a year ago.

Various Notes.

A call at the old Park street market the past week found a force of men busy giving it a thorough overhauling. The walls, ceilings and pillars are whitened, which takes away some of the gloom. When completed, in a few days, it will present a clean and cozy appearance. Some eighty growers, including many large ones, will use this market and we understand additional space can be had when needed.

Along with the other eastern cities, Boston got the heaviest rainfall on September 15 experienced for years. The local fall was three and a half inches, although four inches were recorded in some parts of the state, all within a space of eight hours, about two inches falling from 7 to 8:30 a. m. Flowers were badly dashed, limbs torn from trees by the force of the wind and fruits severely thinned.

James Rough, better known as Jim, of the firm of J. Rough & Son, on Huntington avenue, has been appointed manager of the new Music Hall flower market.

P. W. Moen, the millionaire wire manufacturer, who died at Shrewsbury, Mass., on September 14, aged 47, was a very successful chrysanthemum exhibitor at the Boston show last year and his gardener had a splendid lot of plants for this year's exhibition which will be much missed.

Schlegel & Fottler Co. is making extensive changes in the seed store on South Market street. They have acquired the street floor and will in future use that exclusively for counter trade. In the basement they will have a large cold storage plant for retarding liliums, lily of the valley, etc. They report a big demand for their pure culture American mushroom spawn.

Samuel Neil, of Dorchester, has his carnation houses planted chiefly with Fair Maid, Boston Market, The Queen, Maceo and some seedlings. He meditates taking out several hot water boilers and substituting steam.

James Wheeler was the speaker at the Gardeners' and Florists' Club meeting on September 20, taking as his topic "Some Pertinent Questions," which he discussed interestingly and ably.

The fall show opening on September 22 and closing September 25 will be one of the largest ever held by the Massachusetts Horticultural Society. The main exhibition hall is reserved for plants, the lecture hall for fruit, the loggia, sides of lecture hall and hallways to vegetables and the main portion of the lecture hall to cut flowers. Some of the leading exhibitors in the plant and cut flower classes are J. S. Bailey, A. F. Estabrook, Lager & Hurrell, Henry A. Dreer, Bayard Thayer, Harvard Botanic Gardens, Farquhar & Co., Julius Roehrs and Mrs. J. S. Gardner. A full report will appear in next week's Review.

H. A. Stevens & Co. have five houses devoted to carnations at East Dedham, growing 12,000 in all. Mrs. Patten, Fair Maid and Boston Market each fill one house. Other sorts grown are Enchantress, Wolcott, Lawson, Harry Fenn, J. H. Manley and Harlowarden. Some good seedlings are also being tried. Plants all look first class and are now giving a fine lot of bloom. A roomy cellar is devoted to mushroom culture, the pure culture spawn being used. Splendid crops were secured last year. Collections of phloxes and peonies are also being worked up.

The annual fair at Clinton is noted for its fine displays of plants and cut flowers. This year's exhibition was no exception to the rule. Very fine groups of plants were arranged by E. V. R. Thayer, E. O. Orpet, gardener; N. Thayer, A. P. Meredith, gardener, and J. E. Thayer, J. F. Clarke, gardener. The principal flowering plants used were Lagerstroemia Indica, Campanula isophylla, orchids, begonias, gesnerias and gloxinias. F. P. Sawyer had the best florists' group, E. W. Breed being second. The latter had the winning floral design, being closely followed by Mr. Sawyer. Messrs. F. A. Blake, W. S. Windsor, E. W. Breed and F. P. Sawyer were among the leading exhibitors of cut flowers. Worcester Conservatories showed fine Beauty roses. Bayard Thayer, Wm. Anderson, gardener, had a beautifully arranged large circular tank of aquatics. E. O. Orpet showed a number of seedling cattleyas and an Odontoglossum Pescatorei carrying a spike with sixty flowers, the latter grown in fine fern fibre. James Wheeler, of Brookline, judged the floral part of the fair.

The house of Superintendent Doogue, of the Public Gardens, was broken into September 12. The thieves had a large quantity of plate packed for removal, but were scared away by a dog. A gold watch valued at $150, gold fob worth $35 and some diamonds were taken.

Cattleya labiata and other seasonable orchid flowers are making their appearance in some of the store windows, as are cyclamens, ardisias and Erica hyemalis. Pot plant trade is dull as yet. Cooler conditions will enliven it.

J. Horace McFarland, of Harrisburg, Pa., has been making a short visit to Boston friends.

Houghton & Dutton, the well known Tremont Row dry goods dealers, held a flower day September 17 and claim to have distributed 100,000 roses among visitors to their store.

The saloon of the S. S. Romanic, which sailed from Boston for the Mediterranean on September 17, was a veritable conservatory. More flowers were sent to outgoing passengers than on any steamer leaving Boston this year.

The many Boston friends of Jacob W. Manning, the well known nurseryman, were pained to hear of his death September 16. A note on his life appears in this issue.

W. N. Craig.

NEWPORT, R. I.

The Market.

The horse and dog shows being over, the summer people have begun to leave us, and business has slacked quite a little. American Beauty roses lead the market and the best retail for from $5 to $6 a dozen. Some very nice Kaiserins have been offered on the avenue this week at $3.50 to $4 a dozen. Orchids bring from 75 cents to $1.50 each, according to variety and quality. Valley is always in demand. Dahlias and gladioli find a fair sale at $1 to $2 per dozen, if they are of first quality. There is no sale for outdoor stuff that is not the best.

Various Notes.

The storm of last Thursday morning was the most terrific that Newport has experienced for years. Hundreds of trees are down all over the city. The flower gardens were badly torn and many beautiful vases containing valuable decorative plants were wrecked.

The September meeting of the Newport Horticultural Society took place last Wednesday evening and was especially well attended. Final arrangements for this week's show were made.

Siebrecht & Son have been doing some very attractive dinner decorations lately. For one large party they used baskets of Kaiserin roses and lily of the valley.

William S. Nichol, gardener to Dr. Alexander S. Clarke, was drowned while bathing off the shore near the Clarke estate. Mr. Nichol was one of the best known gardeners in the city. He leaves a widow and two children.

Hodgson arranged for Mr. and Mrs. T. Shaw-Safe on Wednesday last a very handsome dinner decoration of gardenias.

Stewart Ritchie is busy painting his houses and otherwise getting ready for the coming winter season. His late planted sweet peas have done finely this year and found a ready market at the satisfactory price of 50 cents per hundred.

John T. Allan, head gardener to John R. Drexel, is having many inquiries from seedsmen and others who wish to purchase his new seedling begonia. This was

awarded a silver medal last spring by the Newport Horticultural Society. It is of the Vernon type, but unlike the Vernon in that the flowers are double and of a most beautiful cerise pink. Being very dwarf, it has every appearance of being a most desirable acquisition, not only for bedding but also for summer flower dishes for table decoration, as it is in its best bloom during the warm weather.

ZERO.

NEW YORK.

The Market.

The market shows but little animation. Saturday and Monday the usual week's improvement was evident. Good stock sells readily, but the mass of inferior stuff overwhelms the market and makes the average low. In another week the first battalions of mums will be here. Everything indicates a tremendous supply. Asters and gladioli are nearing their end. The price of the latter has materially advanced. Dahlias, except the cactus varieties and the new sorts, are practically unsalable. The prospects are for an enormous carnation supply. Some wonderful new varieties in red are soon to assert their claims for precedence. Ideal, Testout and Mrs. Morgan roses are growing in number weekly. Violets continue to arrive in small quantities, but are not yet wanted, and it would be far better policy to hold them until October. Geo. Saltford predicts a good violet year and so agrees with the other experts who have investigated personally the prospects for the coming season. The plants were never in better condition.

Various Notes.

The New York Botanical Garden opens its fall lecture season on October 1. The lectures will be given every Saturday at 4:30 p. m. in the museum building. Prof. Hugo de Vries will be the first speaker and his subject is "The Origin of Species as Illustrated by the Evening Primroses." Dr. Britton, who has been recently in the Bahamas, will speak October 8 on the results of his botanical explorations there. Other speakers will be Prof. Lloyd, Prof. Underwood, Dr. Murrill, Dr. Hollick, Dr. Richards and Dr. McDougall. The whole series promises to be very interesting.

Wednesday and Thursday of this week the New York dahlia show at the rooms of the American Institute takes place. A good display is assured.

Four new houses are being erected at Littleneck, N. Y., by Hitchings & Co., for W. K. Vanderbilt, Jr. The range will be devoted to carnations, roses and palms and will be very complete and artistic.

The American Bankers' Association has been lavishly entertained by the bankers in New York during the past week, one feature being a banquet at the Waldorf, the floral decorations for which were unlimited, American Beauties being used with lavish prodigality. J. H. Small & Sons secured the coveted commission. Wm. A. Peterson, of Chicago, was among the visiting bankers.

At the funeral of T. Dewitt Osborn, a prominent politician, a few days ago, it required ten carriages to carry the floral offerings, some of the designs being of exquisite beauty and unstinted value. The leading Brooklyn florists secured the bulk of the orders. Apart from funeral work there is little doing with the retailers, though the theaters and schools are now in full blast and the return of the 400 to the city has begun.

The cyclonic storm of a week ago did considerable damage to outdoor flowers, nothing equaling it in severity or downpour having occurred during the whole season.

Not only the retailers but many of the wholesale cut flower men have displays of Scottii ferns in their windows. Every week adds to its popularity.

Jos. Fenrich had his first shipment of white chrysanthemums on Saturday.

Wm. Ghormley was again at his desk on Saturday, after many weeks of illness, and seems on the high road to complete recovery.

Young & Nugent have their new front about finished and will have one of the handsomest stores on Twenty-eighth street.

John Daire is foreman for A. J. Guttman, at Summit, N. J.

Mr. and Mrs. L. J. Kreshover have just returned from a long and greatly enjoyed European trip.

Bowling.

Last Thursday evening the Flatbush Bowling Club had a large attendance and enthusiastic contest. One is always certain of a welcome and an interesting evening's sport every Thursday of the year, an example to a "sister club" in a neighboring borough it would do well to heed if any cups are to be won at Washington in 1905. Meantime Flatbush may be depended on to send a representative team there and it has a young "Steve" of its own by the name of Irwin who will be heard from. The scores were as follows:

Player.	1st	2d	3d	T'l
Mellis	116	134		
Wocker	108	125	126	
H. Dailledouze	134	147	164	
P. Dailledouze	115	140	148	
Zeller	111	135	148	
Schmutz	117	137	142	144
Riley	127	134	137	164
Sowerby	98	129	139	156
Pepper	63	66	71	76
Shaw	122	134	141	150
Irwin	136	173	189	180

The New York Bowling Club for the season of 1904-1905 will be organized the first week in October and already a large attendance is assured, the following names having been placed on the roll as a foundation for what ought to be the winning club at Washington; Theodore Lang, F. H. Traendly, P. O'Mara, Julius Roehrs, Jr., W. E. Marshall, Alex. Burns, John I. Raynor, J. B. Nugent, Alex. J. Guttman, Jos. A. Manda, Jos. Fenrich, J. A. Pepper, Wm. H. Siebrecht and J. A. Shaw. A dozen more are to be heard from. The club when complete should total twenty active members.

J. AUSTIN SHAW.

ST. LOUIS.

The Market.

The remarkably cool weather the early part of the past week and a few warm days later made trade in cut flowers both good and bad. Most of the business done last week was decorations for the downtown stores, that had their fall openings. A number of early fall wedding decorations are reported for this week. Funeral work, too, has been somewhat slow with some of us, while others report plenty.

Regarding stock at the commission houses, we might say that it is of fairly good quality. It is very gratifying to the trade that some really good carnations are to be had again and from now on plenty of these will be in the market at cheap prices until Thanksgiving. Really good stock can be bought for $1 per 100, more white than any others.

There is certainly no scarcity in white and pink roses, $6 per 100 buying the best of these. Meteor and Liberty are not so plentiful just now. Some good Chatenay and Carnot are to be had, but not in large lots. American Beauties are somewhat scarce, that is, long fancy. Shorts are abundant at $3 and $4 per 100. Fancies are up to $3 and $3.50 per dozen. Valley is of extra quality at $3 and $4 per 100. Very little outdoor stock is coming in. Asters and hydrangeas are nearly all gone, so are gladioli and tuberose stocks. Smilax and asparagus are looking better, with plenty of other greens in the market.

The growers report that about two-thirds of the carnations are already housed and that the plants are uniformly fine and so far are free from rust and that plenty of first-class stock will soon be in the market.

Various Notes.

We had for visitors the past week, J. J. Hess, wife and son, from Omaha, Neb. They spent ten days here seeing the sights at the World's Fair. Mr. Allan, of George & Allan, Cincinnati, and Mr. Hunkel, of Holton & Hunkel, Milwaukee, also took in the sights. They killed some little time at the big floral clock. H. B. Beatty, treasurer of the S. A. F., also spent a week at the World's Fair.

Henry Ostertag had a busy week decorating at the World's Fair. The decoration at the Tyrolean Alps for the National Peace Commission was one of the most elaborate ever given at this famous resort. A big lot of cut stock was used.

The Beyer boys had a few of those big fall openings downtown the past week, which kept all hands busy and made their place look like mowing day.

Miss Schnell, of East St. Louis, reports business good, with plenty of funeral work at all times.

Messrs. Allen of Mississippi, Miller of Ohio, and Betts of Montana, who are members of the National Commission at the World's Fair, are heartily in favor of a grand national flower show in November to be held in the Horticulture building. Superintendent Hadkinson is already laying his plans in that direction.

Nathan Smith & Son, of Adrian, Mich., have a fine bed of the dark red canna named Express at the World's Fair, which attracts much attention from visitors in the trade. This bed, with those of Kasting, Schray and Obermeyer, of Parkersburg, all received a medal from the judges the past week.

J. J. B.

PHILADELPHIA.

The Market.

The week opened auspiciously, there being marked activity among the decorators, with a fair number of out of town orders. The dahlia is now seen in splendid form, the best varieties coming into bloom with increasing freedom. Samuel S. Pennock received 6,000 on Monday from L. K. Peacock, of Atco, who states that the plants have recovered from the effects of the terrific storm of last week.

The variety Clifford W. Bruton is the most popular sort today for shipping. Next to dahlias, Beauties, hydrangeas and gladioli are in good demand, also valley, Kaiserins and carnations. Good asters sell well, but are on the wane.

With the Decorators.

The department stores are decorating finely for their annual fall openings this week. J. J. Habermehl's Sons decorated Wanamaker on Monday, while Hugh Graham had elaborate decorations for Lit Bros. on Tuesday and Blum Bros. on the same day and again on Wednesday. The first named firm decorated the new Belleview-Stratford hotel, which opened on Tuesday. Hydrangea paniculata grandiflora was used in large quantities, also dahlias, gladioli, etc. The market was cleared of wild smilax. The Leo Niessen Co. appeared to have a monopoly on this commodity and could have sold a great deal more. As announced in the REVIEW some weeks ago, the Messrs. Habermehl have a new down-town store in the Belleview-Stratford which is now open.

From the West.

Edward Reid writes from Courtney, N. D., that he is having a fine time, taking it easy and knocking over prairie chickens. He shot fourteen in an hour. He reports the wheat crop in splendid condition, with prices high enough to please the farmers. He strongly advises the retailers to buy flour now. Mr. Reid has left for Spiritwood, twenty miles away, and will be back very soon at his post. Meanwhile A. M. Campbell is busy shipping fine valley, Beauties, etc., for his firm.

Hatboro.

Eugene Weiss received a visit last week from Charles E. Meehan and John McIntyre, escorted by Samuel Lilley. They found a range of five houses planted with Brides and Maids in solid beds, both own-root and grafted stock two years old in most promising condition. Several other houses in young stock of the same varieties in benches were looking exceptionally well, also one of Liberty which is on trial.

A Visit to Dreer's.

The local train was delayed outside the city. A cab and extra money to the cabby resulted in nearly running down a man at Eighth and Market streets and in just missing the last ferry boat. One hour's wait, even in Camden, at a busy time is not soothing, but when you finally reach your destination and find the man whom you disappointed at the ferry smiling and pleasant, with no word of reproach, you feel that man is a pretty good sort, deserving the success he has achieved.

To get down to the subject. Phil was honored a few days ago by an invitation from Herbert G. Tull, treasurer of the H. A. Dreer Co., whose clever head and sound judgment have kept the concern with Dun, Bradstreet and Mrs. Grundy. After explanations from the depressed late-comer, a tour of the place began. Not a serious tour with note book and solemn dissertation, but a lively, jolly sort of tour as of two school boys out for a lark. That means impressions of a misty order, so don't complain.

The houses are in excellent condition, full of clean, healthy stock. One is not impressed with the one-palm idea at Riverton, although it was here a little over a year ago that I first heard the subject discussed. The Dreer policy in palms, as in everything else, is to have plenty of all the best kinds. The stock of Kentia Belmoreana predominated, sister K. F. coming next; a fine assortment of home grown plants being reinforced by some large stuff imported a year ago. Areca lutescens seemed happy, to judge by its appearance, and thoroughly at home. Cocos Weddeliana filled several houses, in 2-inch, 3-inch and, I am sorry to say, made up three or four in a pot. This is required by the customers, but it seems a barbarous custom, sacrificing the plant's exquisite grace. The stock of this palm was in the pink of condition. It was said that its use in ferneries is much more general than that of Kentia Belmoreana. A lively row over the identity of a certain block of stuff, which both should have known, was settled by George A. Strohlein, who was showing a Bostonian around. A stop was made at the saw mill, where pine boards are being reduced to the required length for boxes, one man being constantly in attendance, with occasional help to pile the strips. Another stop was in the tender aquatic house where James T. Clark was busily engaged in "fishing," his whole soul being engaged in an effort to extract certain denizens of the water from their retreat. After a hearty greeting between the boss carpenter, who was making repairs, and Mr. Tull—there is the right spirit at Riverton—the pair were joined, in an outside ramble by Mr. Simm, who pointed out the beauties of the water lilies, explaining the slight differences between old and newer varieties. The ponds made a fine appearance, many showy blooms brightening the surface.

The perennials were still a mass of blooms, rudbeckias, helianthus and summer asters producing rich color effect. The immense quantity of hardy phlox planted in solid colors was a sight long to be remembered. The plants were small, probably the size that will be sent out in 3-inch pots next spring, but the blooms were enormous and of most delicate coloring.

The Skinner rain system, which gives an inch of rain in five hours of gentle drizzle, received a practical demonstration. A look at the improved alternanthera showed that it was an improvement over its parent, dull and colorless besides its progeny.

A heated argument on the relative expense of running a large and a small place, in which Mr. Tull had all the figures at his fingers' ends, was somewhat cooled by a gentle rainfall, the real thing, not Skinner system. It would never do to miss the big lot full of perennials that Mr. Eisele was personally laying out on my last visit, now full of well-grown stuff. Then there were varieties of tritoma in full bloom, very showy; a new ampelopsis, a field of hardy teas—I use the adjective advisedly—that had made strong growths, and ferns! My good gracious! What quantities of ferns there were in the frames and looking well, too. Some maidenhair was fine.

All too soon came train time. On the way back through the sheds Mr. Tull pointed out the corner where the office used to be when Mr. Dreer and he did all the clerical work eighteen years ago. The present treasurer slept in a little room over the office in those days.

Inquiry about a fine lot of tiny Dracæna terminalis called out a deserved rebuke from Mr. Tull, but he quickly softened, pointing out with justifiable pride a particularly fine lot of buckwheat coal, nearly as big as nut, from a special colliery.

Farewells at the office were interrupted by a flying rush of Mr. Strohlein after a bloom of the new geranium Telegraph, so named because the introducer's former employer made a discovery in that line.

Various Notes.

Clarence J. Watson reports that his firm of S. S. Pennock finds a good demand for dahlias, especially fancy varieties.

Charles E. Meehan has kept his force working overtime filling orders for Beauties, hydrangeas, etc., at the Flower Market.

The Leo Niessen Co. filled an order for 6,000 dahlias and 1,000 gladioli this week.

D. T. Conner will furnish Lord & Burnham Co. material for a new greenhouse for Mrs. W. L. Harvey.

A party including George Samtman and George Waterfield went out to see S. Mortenson, of Southampton. They report the place in excellent condition.

Wm. F. Dreer has been summering at "Takitezy," not a Japanese resort, but one that nearly everyone has enjoyed, if but for an hour.

M. Rice & Co. report that August and September to date have been the two best months their firm has ever experienced.

Chas. F. Edgar & Co. received on Monday a shipment of 300 scarlet seedling carnations that Mr. Muth considers the finest thing of its kind on the market. The firm expects regular shipments of this sterling novelty.

W. C. P-ay, Kinkora, N. J., has built two new houses 17x112 feet each. His violets are among the finest that come to this market, being noted for their long stems.

Wm. Swayne, of Kennett, has built a new mushroom range. His new carnation will be pushed.

Yellow daisies are one of Wm. J. Baker's specialties.

The Henry F. Michell Co. state that many lily growers who have been waiting for the Japan-grown bulbs are now buying Bermuda-grown Harrisii. The former are late in arriving and the latter are very fine.

Pennock Bros. secured the first dozen chrysanthemums of the season last week. The variety was Montmort.

Benjamin Gibbs, E. Bernheimer's right-hand man, reports an encouraging demand for field-grown carnations, also for good roses.

Fred Ehret had a clean-up order for Beauties and asters on Tuesday.

Monday night saw the closing of the Bellevue. Despite the fact that society was out of town, every table was engaged for that night long ago, making the last dinner a brilliant affair. The Bellevue has been the home of the Clover Club, the Five O'Clock Club and other kindred organizations. Its dinners are famous and within its walls many bright ideas have been executed by our leading floral artists.

PHIL.

NILES, MICH.—The Michigan Central's greenhouse plant here has lately been doubled in capacity.

FORT DODGE, IA.—P. L. Larson lost about 1,000 panes of 16x18 glass by hail September 19. He was partially insured.



L. K. PEACOCK,

OF ATCO, N. J.

found we were more than able to handle his 80 acres of

DAHLIAS

last year, and this season increased it to 100 acres. No end of varieties and colors to order from.

HANDLED BY

SAMUEL S. PENNOCK

RIBBONS AND SUPPLIES

The Wholesale FLORIST of Philadelphia

CINCINNATI.

The Market.

Though it can not be said to be rushing, trade is nevertheless very good, and I do not believe that anyone is complaining. Many of the best flower buyers are now returning from their summer homes and that alone is very beneficial to the trade, but still it's true that real business does not start up till the advent of the chrysanthemum, and that will be about a month. Mums about this city are looking very well, and some fine blooms are to be expected. B. P. Critchell, who produces some of the best mums grown here, says that his stock is in fine shape and that the quality will be fine this year.

Asters are quite scarce and much sought after. The price is consequently on the rise. There are more white ones than other colors. Some extra fine tuberoses are to be had and the price asked for them is very low, but they move slowly. Gladioli are still very good and some extra fine dahlias sell well. Carnations are very much as last reported and roses likewise. The price of Beauties is rising, though, and they are selling fine. Some good valley is coming in. There is a good demand for "green goods," smilax especially.

Various Notes.

T. W. Hardesty is again the father of a little girl, who arrived last Tuesday. Tom's family now consists of three girls and one boy, and all of them enjoy the best of health on his Kentucky plantation.

Chas. Jones reports business as rapidly picking up on Walnut Hills. He and Mr. Brooks can now be seen daily doing the wholesale district with their smart turnout, buying the best stock that can be found, as that is the only kind of goods that Mr. Jones sells.

Wm. Rodgers is cutting some of the best carnations that are coming into this market. Many of them are from plants held over the summer and they are very good.

The first shipment of carnations of the season was received this week by E. G. Gillett from the B. K. & B. Floral Co., Richmond, Ind. The blooms were fine and for so early in the season show that this firm's stock is rapidly rounding into shape.

J. T. Conger is busy putting up a large wedding decoration in Wyoming, O. Mr. Conger is located at Hartwell, O., where he has a very nice greenhouse plant of moderate size, in which he grows considerable stock. But owing to his increasing business he is a constant buyer in the wholesale market.

The writer's trip to the World's Fair was one of great benefit to him and he would advise every florist who can possibly do so to go, as he will never begrudge the money spent. And, by the way, J. J. B. must have been doing the Pike pretty well himself to have seen the writer there so often.

Max Rudolph's partner, M. H. Meyer, accompanied by his family, is at the St. Louis Fair this week.

C. J. Ohmer.

Danville, Ill.—George A. Linfoot, formerly with E. M. Holt & Co., of Butler, Pa., has joined H. E. Mitting in business here.

BEGONIA

Gloire de Lorraine

FOR IMMEDIATE DELIVERY.

We have a fine, well established stock of this beautiful Christmas plant, both in the Light Pink Lorraine, and the type.

These plants are ready for shifting into larger pots and we offer them at $15 00 per 100; $140.00 per 1000, from 2-inch pots; 3-inch pots, $20 00 per 100.

THIS STOCK is WELL HARDENED and in FIRST-CLASS CONDITION and will make fine large plants for Christmas sales.

REMEMBER YOU CAN SAVE 5 per cent by sending cash with the order.

Catalogue of Nursery Stock, Peonies, etc., mailed upon application.

The Cottage Gardens Company

QUEENS, L. I., N. Y.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $18 00
Strong, 3-inch.....per 100, 3.00 per 1000, 28.00

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

ALBINO PANDANUS.

I have a pandanus in which the middle leaves as they come out are a whitish yellow instead of striped with green. When they get to their full length they begin to die back. The lower leaves are mostly a pale green. Can you tell me what the trouble is? H. S. P.

From the description it is evident that the pandanus in question (which is inferred to be P. Veitchii) is an albino, a condition that is frequently met with by large growers of this plant. In such a case the leaves have not enough of the green coloring matter to keep them in good condition, and owing to this weakness the tips of the leaves decay. There is no real cure for such a plant, for though the foliage will sometimes and at some seasons turn entirely green, yet the character of the plant has been fixed and there will be a recurrence of the pure white or yellow foliage as the plant produces fresh growth. Such plants are usually thrown away by careful growers, as cuttings taken from them will usually perpetuate the trouble, and the only method upon which one may rely is in the careful selection of cuttings that show distinct striping.

It is a common failing among variegated plants to produce shoots in which the green coloring is absent, and the only way to avoid such a trouble is by selecting cuttings that show the typical markings of the variety.

The plant in question is not likely to be changed or cured by any special treatment, though a heavy soil seems less likely to encourage such a condition than a light compost, so far as I have been able to judge. W. H. Taplin.

CARNATIONS

The United States Cut Flower Co. has a surplus of fine, stocky, high-land grown stock, free from rust and stem-rot, consisting of the following varieties:—

LAWSON, ENCHANTRESS, CROCKER, JOOST, APOLLO, HARLOWARDEN, M. FIELD, ELDORADO and PROSPERITY.

Small orders receive the same care and attention as large. Let us figure on your wants.

Satisfaction guaranteed.

United States Cut Flower Co.,

ELMIRA, N. Y.

Mention The Review when you write.

Carnation Plants.

ETHEL CROCKER—Large first size plants, per 100, $4.50; per 1000, $40.00.

ELDORADO—Large first size plants, per 100, $4.50; per 1000, $40.00.

MRS. JOOST—Second size plants, short and bushy, per 100, $3.00; per 1000, $25.00.

SMILAX PLANTS,

2-inch, strong and bushy, $3.00 per 1000.

Lakeview Rose Gardens

JAMESTOWN, N. Y.

Mention The Review when you write.

ASPARAGUS FOR FALL OPENINGS!

You can use a great deal of ASPARAGUS (long, heavy strings) in the decorations for the Fall Openings. We can supply the goods in any quantity.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem.....$3.00 to $4.00 per 100.	

	Per 100
Brides and Maids	$2.00 to $5.00
Meteors and Gates	2.00 to 5.00
Liberty	3.00 to 6.00
Kaiserin	3.00 to 8.00
Carnations	1.00 to 2.00
Asters	1.00 to 2.00
Valley	2.00 to 4.00
Gladioli .....per doz., 25c to 35c	
Tuberoses, " 35c to 50c	
Auratum lilies, " $1.25 to $1.50	
Longiflorums " 1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns .....per 1000, $1.00	.15
Galax, Green and Bronze, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.75
Smilax.....per doz., $1.50	10.00

Subject to change without notice.

CHICAGO.

The Market.

There has been a visible improvement in the state of the market since last report. Not only is city business more active, but out of town customers are buying in larger quantities. There has also been an improvement in so far as stock is concerned. Asters are very near their finish and the result is a betterment in many other departments. Carnations are increasing in quantity and improving in quality, finding a very fair market at remunerative prices. In general the quality is considerably ahead of what it has been at this season in previous years. Of course the grade is not up to the midwinter standard, but it is a decided improvement on what has been in the market in recent weeks.

With some of the large growers Beauties are going off crop and with others the first cut is just coming on. There are large supplies of the short-stemmed material and in general there is little difficulty in filling orders in this department. Tea roses are of better average quality, but it still takes considerable grading to supply the kind of material necessary for the shipping trade. Neither Bride nor Bridesmaid is in abundant supply. Chatenay is ahead of the demand and there is plenty of Liberty.

The first violets arrived Tuesday and a few premature Fitzwygram chrysanthemums are seen. Gladioli are about at an end and outdoor stock now cuts little figure in the market. There are large quantities of "green goods" and the demand in this department is showing considerable increase.

Various Notes.

The death of Mr. Adams, of Adams & Westlake Co., of Highland Park, gave the retailers considerable business. Fritz Bahr had more than he could do, working all night Monday and being compelled to call in outside help.

The Chicago Carnation Co. has leased a stand in the Growers' Exchange from October 1. Crabb & Hunter have also arranged for space October 1. Stollery Bros. resumed selling there on Tuesday. Mrs. Stollery is still in California.

Weiland & Risch are believers in eastern talent. They have Dennis Murphy, well known to New Jersey rose growers, as foreman. John Lord is now with Mr. Risch in the wholesale store. Mr. Lord is experienced in the New York and Boston markets.

E. E. Pieser returned on Monday from a two months' vacation spent in Canada. He has some very interesting stories to tell of the things he saw where people live close to nature.

E. C. Amling is having his place redecorated preparatory to the reception of the big chrysanthemum cut expected next week.

Charles Fisk reports everything lovely on the west side. Business has been quite satisfactory to him.

A. Lange and family returned this week from a nine-weeks' visit in Colorado. They made Colorado Springs their headquarters and visited all points of interest in that vicinity. Mr. Lange speaks highly of the establishments of Wm. Clark, the Park Floral Co. and J. F. Wilcox, which he visited recently.

J. A. Budlong has returned from his visit to Providence, R. I. He made the trip going on his bicycle but came back by train.

John Sterrett is now with C. W. McKellar and in a short time his son, Willie Sterrett, will be added to the force there.

N. J. Wietor calls attention to the blooms of Enchantress which they are cutting in considerable quantity. The stock was grown indoors all summer and is an evidence that this treatment suits that variety to perfection.

The Florists' Club meets tonight and nominates officers for next year.

There is a new grower at Maywood, Wm. Wichtendahl. He built two houses during the past summer and has them planted to the newest varieties of carnations. There are now four growers in one block at Maywood, Albert F. Amling, Hugo Luedtke, Henry Wehrman and Mr. Wichtendahl. They all ship to E. C. Amling.

The E. F. Winterson Co. reports business in Dutch bulbs to have opened in fine shape in the last few days.

Geo. Reinberg has put in seven Morehead return traps to dispose of condensation in his steam pipes and insure a better circulation. Peter Reinberg put in three of these machines early last spring and found them to work so satisfactorily that he has put in ten more this season. Several other growers in their vicinity are adopting the same device.

The daily papers are devoting considerable space to the retirement of Chas. J. Strombach as head gardener at Lincoln park. Mr. Strombach has been connected with the park for thirty-five years and is now given the position of consulting gardener. The new head gardener is Alois P. Frey, formerly of Hartford, Conn., where he has been in the florists' business. He has been Mr. Strombach's assistant for more than a year.

W. E. Lynch has spent his spare moments this summer in building a ribbon case at Hunt's and has demonstrated his qualifications for cabinet making. The case holds 2,500 bolts of ribbon.

Bassett & Washburn have all their tea roses grafted this year and Mr. Washburn calls attention to the difference between their first cut this season and the first cut when their stock was on its own roots as a visible evidence that the grafted stock has much advantage. They cut more heavily than from own root stock and the quality early in the season is decidedly superior.

The Geo. Wittbold Co. reports a large number of big decorations to be put up in the State street stores within the next week or two.

The Butler Floral Co. has opened a neat store at 291 Dearborn street. The active member of the concern is Miss Butler, who was formerly with Friedman.

John Muir opened his new store at 4647 Grand boulevard yesterday, sending out neat cards of invitation to an inspection of the very handsome establishment. The old place on Michigan avenue is still maintained, but is on the market.

Charlie Duerr is now located at Sedalia, Mo., with Gelven & Son. He has moved his family there.

Visitors: J. W. Schrader, Mattoon, Ill.; C. S. Ford, Philadelphia.

CATALOGUES RECEIVED.

L. E. Williams, Nottingham, N. H., collected plants; Anton Schultheis, College Point, N. Y., plants; Nathan Smith & Son, Adrian, Mich., plants; United States Cut Flower Co., Elmira, N. Y., cut flowers; The Stiles Co., Oklahoma City, Okla., bulbs.

ANNOUNCEMENT TO THE TRADE

ON OCTOBER 1st, 1904, the undersigned firm will open a first-class **Wholesale Jobbing Cut Flower and Florists' Supply Store at 58-60 Wabash Ave., Growers' Exchange.** This will fill a long-felt want among the city buyers, inasmuch as we will carry a complete line of up-to-date Florists' Supplies and Requisites. All growers consigning stock to us should bear in mind that we are not strangers to the business by any means, as our Mr. Vaughan's experience extends over sixteen years in travel among the trade, soliciting orders in nearly every branch of the Horticulture and Florists' Supply business. Promptness and integrity of purpose is to be the watchword in all our business transactions, and we ask growers and buyers alike to give us a fair share of their business and we will "deliver the goods."

VAUGHAN & SPERRY, A. L. VAUGHAN, FRED SPERRY. **58-60 Wabash Ave., CHICAGO**

RICHMOND, IND.

I spent a day in Richmond recently and had a very pleasant visit at several of the establishments there. At George Gause's place everything is in fine shape, the carnations all being planted and the roses making good growth. He has about the nicest bed of smilax I ever saw. A house 14x90 is being built for miscellaneous stock.

The E. G. Hill Co.'s place is in the usual fine condition. They were all through benching carnations some time ago and the plants all looked well. They have a large planting of Cardinal. I don't believe there are any finer mums than theirs. Aetna rose is in fine shape and is certainly a beauty, as is also the rose that was named for Mrs. English's daughter. They have a light pink rose of a little deeper shade than Golden Gate, the bud and flower of better shape and the foliage the finest I have ever seen on a rose, thick, leathery and glossy.

The B. K. & B. Floral Co. has a nice house of mums, clean and even in growth. Their carnations are all planted and have started nicely. I am much impressed with Richmond Gem and believe it will prove one of the best carnations sent out in years. They have a large stock.

N. H. G.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

M. O. Austin & Co. have been in the nursery business at Norwood, Mo., for twelve years and have supplied stock for numberless orchards in the Ozark country. They report prospects good at present.

The Peterson Nursery, Chicago, has moved the business office from 170 La Salle street to the nursery grounds near Rose Hill, the down-town office being given to the landscape department, which is a rapidly growing branch of the business.

Ellwanger & Barry say that they cannot too forcibly direct attention to the rule that budded roses should be planted sufficiently deep so that the junction of the bud with the stock is from two to three inches below the surface of the soil.

E. N. Stitt has purchased the J. B. Laughlin nursery at College Springs, near Shenandoah, Ia.

The planting season is only a couple of weeks away and the nurseries making a specialty of ornamental stock have a busy time in prospect.

W. F. Schell, of Wichita, is in charge of the Kansas horticultural exhibit at the World's Fair. At his nursery he lost much stock in the July flood.

A good lawn shrub which is not used as much as it deserves is the high-bush cranberry, Viburnum Opulus. It flowers attractively in the latter part of May or June and in the fall is full of bright red berries, which hang on for a long time.

J. H. Hale, at Fort Valley, Ga., starts the heads of his peach trees from a foot to eighteen inches above ground. In general, they are headed back for two or three years after planting to make them stocky, but the branches growing near the base of the tree which produce the first fruit, and which the northern peach grower usually removes to give the tree a slick appearance, are left untouched until the tree is in full bearing. It is not unusual to see a two-year-old block with considerable fruit clustered near the base of each tree, while a year later these branches often bear half a carrier of high-grade peaches.

DEATH OF JACOB W. MANNING.

Jacob W. Manning, for many years proprietor of the well known Reading Nursery, died at his home, 134 High street, Reading, Mass., September 16, after an illness of several weeks' duration. He was born in Bedford, N. H., February, 1826, of old New England stock. Moving to Boston in 1844, he for several years had charge of various large estates in that city and vicinity. Later he was connected with the Winnisimmelt Nursery and removed to Reading and founded the present nursery in 1854.

The Reading Nursery earned a national reputation for trees, shrubs, choice fruits and perennial plants, Mr. Manning introducing large numbers of desirable plants from Europe and popularizing them. He was considered one of the best growers and authorities on evergreens in America and was one of the first to promote the horticultural adornment of estates in and around Boston. He spent much time traveling through the United States, studying horticultural effects and the laying out of private and public grounds.

Mr. Manning joined the Massachusetts Horticultural Society in 1849 and was for many years a very active member of it, being a constant exhibitor during nearly the whole of that long period and winning many medals and other premiums. His last exhibit was made only a few weeks ago and at that time the writer found him just as interested in his favorite plants as ever. He served on the American Pomological Society with Charles Downing, author of "Fruits of America," and on a number of occasions received Wilder medals, the highest award given by that society. He was one of the earliest and hardest working members of the American Forestry Association, as well as American Association of Nurserymen, Society of American Florists and other organizations. His death removes one of the last of the pioneer horticulturists of New England.

Mr. Manning leaves a widow and five sons, one of the latter being J. Woodward Manning, the well known landscape architect. The funeral services at Reading on September 19 were largely attended, there being many beautiful floral tokens.

W. N. Craig.

Rocky Mountain

TREE SEEDS

WE ARE COLLECTORS OF

Picea Pungens (Colorado Blue Spruce),
Abies Douglasii (Douglas Spruce),
Pinus Ponderosa (Yellow Pine),
Picea Engelmanni (Purple Spruce),
Silver Cedar,
Concolor (Black Balsam),
Juniperus Monsperma,
Also **Aquilegia Coerulea** (Rocky Mountain Columbine).

Will be pleased to quote the trade.

Barteldes & Co., Denver, Colo.

1521 15th Street.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Always mention the Florists' Review when writing advertisers.

Hydrangea Otaksa

6 to 10 Crowns,
$9.00 per 100; $80.00 per 1000.

CRIMSON RAMBLER AND D. PERKINS ROSES

3-year-old, $12.00 per 100.

SEND FOR SAMPLES.

OZONE PARK NURSERIES,
OZONE PARK, L. I., N. Y.

Mention The Review when you write.

Apple Seedlings, Apple Grafts

FOREST TREE SEEDLINGS,
GENERAL NURSERY STOCK

WE ARE PREPARED to furnish Nebraska or Kansas-grown Apple Seedlings, and will contract to furnish piece root or whole root grafts in quantities. We issue no retail catalogue, and want replies from nurserymen or planters who buy in large quantities. Wholesale Price List ready Sept. 1. Satisfaction guaranteed.

SHENANDOAH NURSERIES,
D. S. LAKE, Prop. SHENANDOAH, IA

Mention The Review when you write.

PETERSON NURSERY,
LINCOLN and PETERSON AVENUES, CHICAGO.

PEONIES and Hardy Ornamental Stock

Send for our **Handy Reference Book**, containing Botanical and English names of varieties hardy and of merit; also Planting Instructions and General Informations.

Mention The Review when you write.

CALIFORNIA PRIVET

400,000, 1 year,	2 to 4	branches,	12 to 18 inches.
300,000, 2 year,	4 to 8,	"	20 to 24 "
250,000, 2 year,	6 to 10,	"	24 to 36 "
50,000, 2 year,	6 to 12,	"	36 to 48 "
25,000, 3 year,	8 to 12,	"	36 to 48 "

Two and three years. Has been transplanted. Write for Trade List and Prices.

J. H. O'HAGAN, River View Nurseries, Little Silver, N. J.

Mention The Review when you write.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

CLEARING OUT

SALE OF NURSERY STOCK

Land taken into the city cause for wanting to sell the entire Nursery Stock in one lot or part. A good bargain to anyone who will buy the entire lot. Stock is all merchantable size.

6,200	**Shade Trees**—	Ranging from 7 to 15 feet, average 12 feet, mainly comprising Sugar and Norway Maples, Linden, Elms, Horse Chestnut, etc.
4,900	**Evergreens**—	Spruce, Arbor-vitae and Retinospora, in variety, ½ to 10 feet high.
5,400	**Shrubs**—	In variety, 1 to 4 feet high.
300	**Yucca**—	Strong, 6-year-old Clumps.
300	**Privets**—	Standards, nice heads, 6-year-olds.
400	"	Round Bushes, shorn 6-year-olds.
30,000	"	Heavy, for Hedging, 3-year-olds.
100,000	"	Strong, for Hedging, 2-year-olds.

SEND FOR LIST

C. RIBSAM & SON, Trenton, N. J.

Mention The Review when you write.

Bay State Nurseries

HIGH GRADE NURSERY STOCK OF EVERY DESCRIPTION.

Free from Disease. Carefully Packed. Prices Reasonable. Personal attention given to every order.

A few Leaders:— **BERBERIS THUNBERGII, SPIRAEA VAN HOUTTEI** and **CLEMATIS PANICULATA** by the thousand.

NORWAY MAPLE. Extra fine, all sizes, in carload lots.

CALIFORNIA PRIVET. $12 to $30 per 1000.

RHODODE MAXIMUM and **KALMIA LATIFOLIA** in carloads or smaller quantity. Wholesale Trade List on application.

WINDSOR H. WYMAN, NORTH ABINGTON, MASS.

Mention The Review when you write.

PALMS COMPARE

OUR PRICES WITH OTHERS. OURS IS FULL SIZE STOCK.

Kentia Bel., 3-inch, our price,	$5.00 per 100.	Kentia Forst., 7-in., made up, our price,	$1.25 each.
Kentia Bel., 5-inch, "	.50 each.	Latanias, strong, 6-inch, "	.30 "
Kentia Bel., 6-inch. "	1.00 "	Latanias, special grown, 7-inch, "	.50 "
Kentia Forst., 7-inch, "	1.50 "	Latanias, specimens, 8-in., 6 to 9 leaves,	1.20 "

Primroses. Exhibition Stock: fine, 2½-inch pots ready for 5-inch pots, separate colors, will bloom before Christmas, $5.00 per 100; $40.00 per 1000.

WE SELL ANY QUANTITY.

ALBERT FUCHS, F. LAUTENS, Manager. 2045-59 N. Halsted Street, CHICAGO, ILL.

Mention The Review when you write.

Privet, Silver Maples, Carolina Poplars,

LOMBARDY POPLARS, CATALPA SPECIOSA, VINES, all in surplus.

Also OTHER SHRUBS AND TREES IN LARGE ASSORTMENT.

SHREWSBURY NURSERIES, EATONTOWN, N. J.

SEND FOR WHOLESALE PRICE LIST.

Mention The Review when you write.

SUZUKI & IIDA
CHINESE SACRED LILIES
JAPAN-GROWN CALLAS
On Hand Now. Prices on Application.
31 BARCLAY ST.
NEW YORK.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THERE still remain a few acres of onion sets to be harvested at Chicago.

ALFRED EMERICH, of Vilmorin-Andrieux & Co., Paris, arrived in New York September 17.

WHITE Pearl onion sets are in brisk demand at the south, the genuine article bringing a good price.

BOSTON seed merchants report bulb trade as very quiet to date, few counter orders having yet come in.

THE frosts of last week did serious damage to some of the cucumber and melon seed crops in southern Michigan.

THE Michigan radish crop is ripening very unevenly, parts of the fields showing well filled pods, while other parts are still in blossom.

IN northern Michigan and Wisconsin the pea growers are now busy receiving their product from the farmers and the milling of Alaskas and extra earlies has begun.

IT is announced that Miss Anna Hagemann, daughter of Wm. Hagemann, of Hagemann & Co., New York, will be married September 28 to Paul Kaese, of Hamburg, Germany.

REPORTS from the onion growing marshes of Ohio and Indiana are to the effect that the crop is of excellent quality, but only sixty per cent in quantity, as compared with normal years.

THE critical time for the bean crop is at hand. Good sunshiny weather for the next two weeks will help things along, while rainy weather will spoil the sample and shrink the quantity of merchantable stock.

VISITED CHICAGO:—S. B. Dicks, representing Cooper, Taber & Co., London, Eng.; Otto H. R. Weis, manager David Sachs, Quedlingburg, Germany; Hjalmar Hartmann, of Hjalmar Hartmann & Co., Copenhagen, Denmark.

MANY of the sweet corn growers feel sure of a fairly good crop. The frost reported last week did no serious damage in Iowa and Nebraska and with ordinarily good weather for a week or two there seems to be no doubt but that the crop will come up to the estimates of two weeks ago.

The government crop report says that of the thirteen principal clover seed producing states, four, namely, Wisconsin, Colorado, Utah and California, report increased acreages, while all the others report decreases. In Indiana, Iowa and Colorado conditions are below their ten-year averages, while all others report conditions above such averages.

Garden Seeds and Sweet Corn.
THE EVERETT B. CLARK CO., MILFORD, CONN.
Have just harvested of excellent quality and offer:
TURNIP—Red Flat Strap, Red Top Globe and P. T. Rutabaga.
PARSNIP—Long Smooth, and Hollow Crown.
BEET—Crosby's Egyptian, Edmands Impd., and Dewings B. T.
ONION—Southport Yellow and Red Globe and Selected Y. G. D.
FALL PRICES ON SWEET CORN NOW READY.
☞ THE ABOVE IS ALL STRICTLY CONNECTICUT GROWN.
Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

D. H. Gilbert, Monticello, Fla., has about finished harvesting 300 acres of water melons for seed and the crop is very satisfactory, with the exception of some late plantings. Deliveries will not be short of 70 to 90 per cent and with most varieties full deliveries.

REPORTS in general indicate that much of the cucumber seed will be so light that it will blow out when being milled and that the outlook is not much better for a crop than at this time last year. In central Illinois, where the season was comparatively favorable for the fruits yielding heavy seed, the drying out process shows the product to be all of forty per cent light. It is thought that the sections farther north and west will show a much heavier percentage of light seed.

A WELL-KNOWN observer writing from Waterloo, Neb., September 12, said: "Generally speaking, muskmelon crops are very light, watermelon, pumpkin and winter squash late and uncertain. As for cucumber, there are some very good crops but many others are in poor condition and the yield depends to a considerable extent on the length of time before a killing frost. Early varieties of sweet and field corn will give good returns, while the later kinds are in danger of not maturing."

A. LE COQ & Co., Darmstadt, Germany, write that "the mild winter and the fine weather we had in the early spring were very favorable for the development of the plants and all prospects were for a very good harvest of grass seeds this year. But it turned out differently. In the latter part of the spring the temperature changed almost every day from cold to hot and vice versa. This, with the continued drouth during June and July have done much harm to the plants and the forming of seeds, so that we now (September 3) can only speak of an average crop."

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to
JULIUS HANSEN,
PINNEBERG, (Germany).

Now Ready for Delivery
LILIUM HARRISII,
LONGIFLORUMS,
FREESIAS, BUTTERCUP OXALIS.
W. W. RAWSON & CO., Seedsmen.
12-13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

CORN NOT HURT.

A. A. Berry, Clarinda, Ia., writes: "The frost in this section was very light and no damage was done to the corn or vine crops. It keeps the corn green, however, and there is a great deal that will be affected more or less with frost, which is bound to come before it can dry sufficiently."

J. W. Ratekin, Shenandoah, Ia., writes: "Regarding the reports of frost in the corn belt will say we have not had any killing frosts so far, although we have had cold nights which were close to it. Prospects in this neighborhood are for one of the best crops of corn for seed purposes we have ever had."

Telegraphic reports from points in Iowa and Nebraska are to the effect that on the night of September 20, while the thermometer reading was low, those states were covered by clouds, with good winds blowing, and frost was avoided.



Freesia Bulbs!

	100	1000		100	1000
First Size, ⅝-in. and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " ¾-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Thorburn's Bulbs

OUR WHOLESALE

TRADE PRICE-LIST

OF

HIGH CLASS BULBS

AND

CHOICE FLOWER SEEDS

FOR FLORISTS

is now ready and will be mailed on application to all who have not received it.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Harrisii Lily Bulbs

CAREFULLY SELECTED, TRUE STOCK, FREE FROM DISEASE.

☞ A LOW PRICE FOR IMMEDIATE ORDERS TO CLOSE OUT.

5-7-inch, $4.00 per 100; $36.00 per 1000.

7-9-inch, 8.00 " 78.00 "

Henry F. Michell Co. 1018 Market St. Philadelphia

Fresh Importation Just Received ENGLISH MILLTRACK



MUSHROOM SPAWN

The product of the best maker in England that never fails to please the most critical mushroom growers. A treatise "How to Grow Mushrooms" sent with every order.

Per Brick, 1¼ lbs..... 15c; postpaid, 25c.
Per 10 lbs..... 80; per 25 lbs..... $1.50.
Per 100 lbs....$6.00; per 1000 lbs.....$55.00.

Special quotations will be made on larger quantity.

Now ready French and Dutch Bulbs. Send for our New Autumn Bulb List.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

French Grown Narcissi

PAPER WHITES; well matured bulbs, 13 cms. in diameter, flowers large and white. Selling at $7.50 per 1000 in cases of about 1400 bulbs. Sample free.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

Mention The Review when you write.

BIG CALLA BULBS

Diameter.	Per 100	Per 1000
2 to 2½ inches....	$12.00	$100.00
1¾ to 2 inches....	7.00	60.00
1 to 1½ inches....	4.00	35.00

All with good center shoots sound, ripe and healthy. Dutch, French and Bermuda Bulbs now ready. Send for catalogue.

ARTHUR T. BODDINGTON, SEEDS, BULBS AND PLANTS, 342 WEST 14th STREET, NEW YORK

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest CUT VALLEY.

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

Lawn Grass Seed in bulk and packages





PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.

Minneapolis. Chicago.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Burpee's Seeds Grow

Always mention the Florists' Review when writing advertisers.

Good Plants Pay Best.

These Pandanus Veitchii are better than ever; They are grown especially to give satisfaction to the buyer. No hurrying or forcing is allowed to weaken their constitution.

6-inch pots, 15 to 18 inches high above pot, $12.00 per doz.
7-inch pots, 20 to 22 inches high above pot, 18.00 "
8-inch pots, 24 to 28 inches high above pot, $2.50 each
12-inch pots, pedestal-grown..... 6.00 each

JOHN WELSH YOUNG, Upsal Station, Penn. R. R., GERMANTOWN, PHILADELPHIA

Mention The Review when you write.

Chrysanthemums, Beauties and Kaiserins

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Ottumwa, Ia.—C. Kranz is putting up a large addition to his glass at Oak Ridge.

Batavia, Ill.—Wenberg & Johnson are pushing work on their new office and with the rebuilt greenhouses will have a thoroughly up-to-date plant.

Polo, Ill.—H. D. Davis has purchased Jos. Longanecker's greenhouses at Chadwick and will conduct them as a branch of his business here, with F. N. Davis in charge.

Chester, Pa.—H. E. McDermott has leased the greenhouses of the Delahunt estate and will hereafter conduct the business for his own account, after having been employed there for some time.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By young man 28, with 12 years' experience, as florist and steam fitter and generally handy at anything; American born; 1½ years at last place; can furnish reference. Address No. **38**, care Florists' Review, Chicago.

WANTED—Good man who has had experience in retail greenhouses (12,000 feet of glass), new and up-to-date houses. Position October 15 or after. Delightful climate. Boise Floral Co., P. O. Box 672, Boise, Idaho.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

SITUATION WANTED—On private place by man of long experience in the business; has been employed in the leading establishments, both indoors and out, in this country and England; 10 years in this country; can furnish best of references as to ability, etc.; Englishman; age 35. Address J. Wild, Nelson's Nurseries, Glen View, Ill.

SITUATION WANTED—By a good grower in general stock plant; am experienced in all lines of propagating; able to take full charge of private or commercial place; best of references; want steady position. Address No. **29**, care Florists' Review, Chicago.

FOR SALE—A well-established, well-stocked, first-class retail florist store in the business center of one of the largest cities of the middle states; excellent patronage; handles the flowers of 100,000 sq. feet of glass. For full particulars address No. **27**, care of Florists' Review, Chicago.

SITUATION WANTED—Up-to-date florist, first-class designer, window dresser and decorator with 10 years' experience in eastern stores and several years as manager in western stores, wishes the management of up-to-date store; highest references given. Address No. **26**, care Florists' Review, Chicago.

WANTED—Florist, married man preferred, as second man; good brick house and $10.00 per week to start; good chance for advancement. Forrest's Greenhouses, Washington, Pa.

SITUATION WANTED—By a middle-aged experienced florist; commercial or private. Address No. **31**, care Florists' Review, Chicago.

FOR RENT—5 000 ft. glass and stock for $150.00 first year; no competition; town of 5 000; a good thing. Jas. R. Johnston, Dunkirk, Ind.

WANTED—Bright, energetic young man of good address for retail store; must be thoroughly up-to-date designer, decorator, and a first-class salesman. Address, with reference, as to character, ability and wages expected to J. J. Habermehl's Sons, 22d and Diamond Sts., Philadelphia, Pa.

FOR SALE—Boilers; cheap; two 70 horse-power horizontal return tubulars, each in good condition; will sell singly; just the thing for heating purposes. For particulars write the Glenside Woolen Mills, Skaneateles Falls, N. Y.

WANTED—Send catalogues to D. A. Graham, 534 N. Moffett ave., Joplin, Mo.

WANTED—A good grower of roses, carnations and pot plants to take full charge; single man preferred. Address with reference, No. **20**, care Florists' Review, Chicago.

WANTED—An experienced man to take charge of a poultry house on a private estate; steady position. Apply to T. W. Head, Groton, Conn.

WANTED—An experienced man to grow peaches, nectarines and grapes under glass, on a private estate. Apply to T. W. Head, Groton, Conn.

FOR SALE—Owing to the death of the proprietor, the Lake Geneva greenhouses are offered for sale. For particulars address W. H. Hammersley, Lake Geneva, Wis.

WANTED—At country place (private), a man to milk cows and do work of garden and small greenhouse. Address with references and wages expected, Mrs. Crump Nitta Yuma, Miss.

FOR SALE—A good No. 16 Hitching's hot water boiler; cash $50 f. o. b. Draper & Clark, Greensburg, Ind.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, dwelling and 2½ acres; best location in state; home water system; coal 50 cents per ton. G. L. Tyler, Dubois, Pa.

SITUATION WANTED—As assistant florist by young single man, age 30; good references; commercial or private place. Newton, 426 Mound Street, Monongahela, Pa.

FOR SALE—Cheap; 150 lights, second-hand greenhouse glass 10x28 inches. F. J. Pratt, Faribault, Minn.

SITUATION WANTED—Young man, 21 years, wants position in first-class establishment in which he can learn to grow general stock; has had four years' experience at designing and decorating, but wishes to become a grower and work himself up. Address No. **22**, care Florists' Review, Chicago.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Competent night fireman; must be strictly temperate and industrious; wages $45 per month. J. W. Dunford, Clayton, Mo.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6 000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

FOR SALE—An elegant greenhouse plant of 12,600 sq. feet of glass; 1¼ acres of land; buildings all recently built; stocked with roses, carnations, chrysanthemums and smilax; good wholesale or retail trade; an excellent opportunity for party with capital. Address No. **18**, care Florists' Review, Chicago

FOR SALE—1,000 feet 4-in. cast pipe, 8c per foot; fittings at 15c each, f.o.b. Chase & Son, New London, Ohio.

WANTED—Situation on a private place near Chicago by a good all-around gardener; references. Address No. **15**, care Florists' Review, Chicago.

WANTED — First-class experienced rose grower for teas; $60.00 per month; good reference required. Miller & Sons, Bracondale, Toronto, Can.

FOR SALE—Or rent, greenhouse of 1,300 sq. ft. of glass and 11 acres of land; 5-room house and all outbuildings. Address Box 34, Rogers, Ohio.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot; also some 4-inch. W. H. Salter, Rochester, N.Y.

WANTED—Before September 25, a first-class grower of roses and carnations; wages $60.00 per month; place permanent. Address No. **4**, care Florists' Review, Chicago.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

Situation Wanted.

By an all around grower of cut flowers and florists' plants, position as foreman or manager on wholesale or retail place; over 20 years experience in all branches of the business; would accept a position as propagator on large place in vicinity of Chicago. Address

NO. 19,
Care Florists' Review, Chicago.

WANTED.

A good reliable man capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.

Address **No. 30, care Florists' Review, Chicago.**

WANTED!

A good man for GREENHOUSE of retail store.

Address:

ROBERT CRAWFORD, JR.
235 So. 11th St., PHILADELPHIA

FOR SALE.

100 boxes 16x24, 50 boxes 16x18 glass, double thick $2.60 per box. Two Hitchings Boilers No. 57 and No. 19 prices on application. One Sectional Boiler No. 1, Mercer make. 10 sections can be used for steam or hot water, cost $356, price, $70. 10,000 carnation plants, 20 different varieties, including some of the very best, at lowest prices. Entire lot must be closed out within the next 60 days to make room for building lots.

Geo. H. Ford, 27 E. 21st St., New York City.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25,900 square feet of glass from 50 to 60 degrees. For further particulars

Address **S. J. REUTER, WESTERLY, R. I.**

WILD SMILAX IN ALL SIZES. DAHLIAS.

SEE OUR CARNATION CARD ON PAGE 778.

THE LEO NIESSEN CO., 1217 Arch St., Philadelphia, Pa.

Mention The Review when you write.

ASTERS. Write for prices on JOOST, HILL, LAWSON and other field-grown Carnations.

EUGENE BERNHEIMER

WHOLESALE FLORIST, 11 South 16th St., PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
30 to 36-inch stems	$2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short stems	per 100, $3.00 to 6.00

	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00
" " " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
GOLDEN GATES	2.00 to 4.00
CARNATIONS	1.00 to 1.50

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00

Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,

Dahlia Specialist. ATCO, N. J.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Sept. 21.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
" " Extra	1.50 to 2.00
	Per 100
Bride and Bridesmaid	4.00 to 5.00
" Specials	2.00 to 3.00
Kaiserin, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Cattleyas	40.00 to 50.00
Carnations, Common	.75 to 1.00
" Fancy	1.50
" Novelties	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Asters, Ordinary	.75 to 1.00
" Fancy	1.50 to 2.00
Valley	2.00 to 4.00
Hydrangeas	2.00 to 3.00
Gladiolus	1.50 to 3.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to .40
Petunias, double	.50 to .75
Yellow Daisies	.75 to 1.00
Tuberoses	2.00 to 4.00
Dahlias, Ordinary	1.00 to 2.00
" Fancy	3.00 to 5.00

I WOULD rather lose a good meal than miss an issue of the REVIEW.—R. J. GRINNELL, Newport, R. I.

FORT DODGE, IA.—P. L. Larson has made many improvements in his place this summer. In five years he has built up 31,000 feet of glass and a nice trade.

FRED EHRET,

Wholesale Florist,

Center for BRIDES, MAIDS, BEAUTIES, CARNATIONS, Etc.

1403-5 Fairmount Ave., PHILADELPHIA.

Established 1890.

EDWARD REID,

WHOLESALE FLORIST.

Fine Valley, Beauties, Kaiserins, White Carnations constantly on hand.

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Good Pink and White Carnations,

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

CUT ROSES DIRECT

From Grower to DEALER

Brides, Maids, Meteors, Short Beauties, and Sprengeri. Other goods later.

PRICES LOW. GOODS HIGH.

FREDERICK D. STEIN, "The Rose City." MADISON, N. J.

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

Fine thrifty stock, 2-inch, per 100, $10.00.
4-inch, per 100, $40.00.
Prices of larger stock upon application.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF Palms, Etc.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

JOSEPH HEACOCK

WYNCOTE, PA.

Grower of

Kentia Belmoreana and Kentia Forsteriana

Mention The Review when you write.

CHARLES F. EDGAR & CO.

Wholesale Commission Florists

We Daily Receive and Ship All the

LEADING... VARIETIES of ROSES, CARNATIONS And Other... Seasonable Flowers

1516-1518 Sansom St., Bell & Keystone Phones Open 7:30 a.m. to 8 p.m. PHILADELPHIA, PA.

Mention The Review when you write.

HINODE FLORIST CO., Importers and Growers of High-Grade JAPAN LONGIFLORUM LILIES, JAPANESE DWARFED PLANTS. **Woodside, Long Island, N. Y.**

Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter. **Whitestone, N. Y.**

Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

Mention The Review when you write.

THE YOUNGEST FLORIST.

Attention is called to B. G. Merritt, of Grange, Md., as a candidate for honors as the youngest florist owning and operating his own business. He is only 18 years old and, as he says, "not being old enough to be my own legally I have to add a 'Co.' to my name." It is B. G. Merritt & Co., the junior partner being the young man's father. They are growing nothing but carnations. Last year there were 1,600 feet of glass; this summer 600 more were added, the young man doing all the work himself.

Alonzo J. Bryan, of New Hampton, N. J., is one of the successful florists who deserves special mention because of his youth. He is now but 23 years of age and has been conducting his own business for five years. He does both a wholesale and retail business, mostly in the line of bedding and vegetable plants, the totals running into the hundreds of thousands each season. Mr. Bryan has just completed remodeling his principal greenhouses, having replaced the roof with much larger glass and otherwise improved the house.

GALAX.—— MOSS.—— FERNS.

CRAWBUCK & WILES,

Wholesale Dealers in

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370 Pearl St., BROOKLYN, N. Y.

H. R. CRAWBUCK. Telephone Connection. E. W. WILES.

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A No. 1 quality....$1.00 per 1000, discount on larger orders.

Very fine bronze and green **Galax**, selected stock, $1.00 per 1000.

Laurel Festooning, hand made, good and full, $5.00 and $6.00 per 100 yards.

Green Moss, $1.00 per bbl.

Sphagnum Moss, 50c per bag; $1.00 per bbl.

Branch Laurel, 50c per bundle.

Orders by mail, telegraph or telephone will receive our prompt and personal attention. L. D. Telephone 2618 Main.

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11 Province St., BOSTON, MASS.

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FINE IMPORTATION OF

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85 per cent leaved bulbs.

Write for samples and prices at once.

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Violets, Roses, Carnations, Orchids.

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Write, Wire or Phone the Introducers.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.

☞ **NEW CROP** Southern Wild Smilax now ready in limited quantities.

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Wholesale Cut Flower Prices.

Buffalo, Sept. 21.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.20 to 2.00
Gladiolus	.50 to 2.50
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Sweet Peas	.10 to .20
Water Lilies	.50 to 2.00
Galax	.10 to .15
Common Ferns	.15 to .20

My adv. in the Review did the trick. Thanks.—R. M. Schultz, Madison, N. J.

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"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

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New York, Sept. 19.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	1.00 to 3.00
Brides and Maids,	Specials	2.00 to 4.00
" "	Extra	1.50 to 2.00
" "	No. 1	.75 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 5.00
Meteor		1.00 to 3.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
" Selects		.75 to 1.00
" Fancies		1.00 to 1.50
" Novelties		1.50 to 3.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri	per bunch,	6.00 to 12.00
Asters		.40 to 1.00
Dahlias		.30 to 2.00
Gladioli		.75 to 2.00
Lilies		6.00 to 8.00
Lily of the Valley		1.00 to 3.00
Smilax		5.00 to 10.00

The REVIEW has been of great benefit to us.—W. H. NEWMAN, Akron, N. Y.

A. L. YOUNG & CO.,
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Chicago, Sept. 21.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $5.00	

	Per 100
Bridesmaids, Specials	$4.00 to $5.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 5.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Chatenay	3.00 to 6.00
Carnations	1.00 to 2.00
Asters	1.00 to 2.00
Shasta Daisies	.50 to 1.00
Tuberoses	1.00 to 5.00
Easter Lilies....per doz.	1.50
Auratums "	1.25 to 1.50
Gladioli	1.00 to 3.00
Dahlias	1.00 to 2.00
Asparagus, Strings	25.00 to 50.00
" sprays....per bunch,	.25 to .35
Sprengeri "	.25 to .35
Smilax....per doz.	1.50

PHILADELPHIA, PA.—Wm. M. Bayard is building a conservatory 20x76 to cost $2,000.

TOLEDO, O.—C. Koelker is building five greenhouses 25x150 at West Toledo. The construction is of the best. Charles and John Koelker, sons of the owner, will be in charge.

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Louise	5.00 "	Prosperity	6.00 "
Joost	5.00 "	Lillian Pond	6.00 "
Scott	4.00 "	M. Glory	6.00 "
McGowan	4.00 "	Fair Maid	6.00 "
Melba	5.00 "	Ribon (red)	4.00 "
Crane			5.00 "
Bouvardia (strong field-grown)			8.00 "
Stevia (strong field-grown plants)			8.00 "
Violets, 3-in. (California)			30.00 per 1000
Violets, 3-in. (Lady Campbell)			30.00 "

Asparagus Plumosus, 2½-in	4.00 per 100
Asparagus Plumosus, 3-in	8.00 "
Adiantum Farleyense, 6-in	4.50 per doz.
" Cuneatum, 4-in., $1.25 doz.	10.00 per 100
Latania Borbonica (good strong plants) 5-inch. $3 00 per doz.	
Pandanus Veitchii, 6-in	$1.00 each.
Boston Ferns, 10-in	1.50 "
Giant White Daisies, strong, 3-in	$5 00 per 100.
Buttercup Primroses, strong, 2-in	10.00 "

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VALLEY,
Very fine stock in quantity.

BEAUTIES,
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St. Louis, Sept. 21.

		Per doz.
Beauties, Specials	$3.00 to	$4.00
" Extra	1.50 to	2.00
" No. 1	.75 to	1.00
" Shorts	.60 to	.75
		Per 100
Brides and Maids, Specials	$3.00 to	$6.00
" " Extra	1.50 to	2.50
" " No. 1	.50 to	1.00
Carnot	4.00 to	5.00
Golden Gate	3.00 to	6.00
Kaiserin	4.00 to	5.00
Liberty	3.00 to	6.00
Meteor	2.00 to	6.00
Carnations, Common	.75 to	1.00
" Fancies	1.50 to	2.00
Adiantum Cuneatum	1.00 to	1.25
" Farleyense	1.00 to	1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri "	1.00 to	1.55
Asters	.75 to	2.00
Gladiolus	2.00 to	3.00
Lily of the Valley	3.00 to	4 00
Smilax	12.50 to	15.00
Tuberoses	1.50 to	2.00

Pittsburg, Sept. 21.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	12.00 to	15.00
" No. 1	6.00 to	10.00
" Shorts	3.00 to	5.00
Brides and Maids	2.00 to	4.00
Cusin	2.00 to	4.00
Kaiserin	2.00 to	10.00
Liberty	3.00 to	6.00
Mme. Chatenay	2.00 to	4.00
Carnations	.50 to	1.50
Carnations, Fancy		2 00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	3.00
Asters	.50 to	2.00
Gladiolus	2.00 to	4.00
Lily of the Valley		4.00
Lilies	12.00 to	15.00
Smilax	10.00 to	12.00

Wholesale Cut Flowers Florists' Supplies

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WM. DILGER, MANAGER.
FANCY FERNS, $1.00 per 1000.
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Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
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All Flowers in Season CONSIGNMENTS SOLICITED
Prompt returns and best of care given all consignments.
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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H.G.Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Sept. 21.

		Per 100
Beauties, Extra	$15.00 to	$20.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	8.00
Brides and Maids, Extra		4.00
" " No. 1		3.00
" " No. 2		2.00
Golden Gate	2.00 to	4.00
Kaiserin	2.00 to	6.00
Liberty	2.00 to	6.00
Meteor	2.00 to	4.00
Perle	2.00 to	3.00
Sunrise	2.00 to	3.00
Carnations, Common		.50
" Selects	.75 to	1.00
" Fancies	1.50 to	2.00
Adiantum Cuneatum	1.00	
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	4.00 to	5.00
" Sprengeri, "	2.00 to	3.00
Asters	.25 to	2.00
Dahlias	2.00 to	4.00
Gladiolus	2.00 to	3.00
Lilium Longiflorum	8.00 to	12.50
Smilax	10 00 to	12.50
Lily of the Valley	3.00 to	4.00

Milwaukee, Sept. 21.

		Per 100
Beauties, Extra		$25.00
" No. 1	$10.00 to	18.00
" Shorts	4.00 to	8.00
Bride and Bridesmaid, No. 1		4.00
" " No. 2		2.00
Golden Gate	2.00 to	4.00
Kaiserin	2.00 to	5.00
Liberty	2.00 to	6.00
Mme. Chatenay	2.00 to	6.00
Meteors	2.00 to	5.00
Carnations	.75 to	1.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	3.00 to	4.00
" Sprengeri "	3.00 to	4.00
Asters	.50 to	1.00
Lily of the Valley	2.00 to	4 00
Smilax	8.00 to	10.00

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., **CINCINNATI, OHIO.**
Solicits your orders with confidence that he can serve you to your entire satisfaction.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, **ST. LOUIS, MO.**
THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 2018 M.
Mention The Review when you write.

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Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

ROSES.

Maids, Brides, Golden Gates, 4-in. pots, strong plants, per 100, $10.00.

BOSTON FERNS—In 6-in pots, per 100, $35.00
Cut from bench..... " 20.00
CYCAS REVOLUTA—All sizes.....from 35c to $1.00 each.
HYDRANGEAS—2 years old....per 100, $15.00
RUBBERS—6-in. pot, 18 to 30-in. high.... 30.00
ASPARAGUS PLUMOSUS NANUS—4-in. pots, $10.00.
EPIPHYLLUM TRUNCATUM,
EPIPHYLLUM MAKOYANUM,
1, 2 and 3-year crowns... $20.00, $30.00, $40.00
LEOPARD PLANTS.....per 100, $10.00
Above prices cash with order.

A. MIRRING, East St. Louis, Ill.

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	Per 100
Plumosus Nanus, 2¼-in. pot, $20 per 1000;...	$2.50
Sprengeri, October 1st, 2¼-in. pots	2.00
Piersoni Fern.....	10.00
Forbesi	2.00
Cinerarias, September	2.00
Pansy Plants, September, $2.50 per 1000..	.60
Vinca var., field-grown.....	3.00

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

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FOR SALE.

Celestial Peppers.

Fine plants and full of fruit, in 6-inch pots, $3.00 per doz.: beautiful for table decorations. Also a lot of fine ferns, all prices, and other plants.

MRS. CHAS. DUNTZE, Memphis, Tenn.
1989 Madison Ave.

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MORRISTOWN, N. J.

A recent trip through Morristown, N. J., revealed the fact that the florists in that home of the millionaire are enjoying a fair share of prosperity. H. C. Holmes is having a new entrance and office built to connect with his houses and give him more room to attend to his constantly enlarging trade. The office is connected with the range of greenhouses by a handsome show house for palms and flowering stock and the contract is in the hands of Hitchings & Co. Roses, chrysanthemums and carnations all looked well and flourishing.

Mrs. Holton's establishment, on South street, looked as spick and span as usual. A large batch of mums were very nice. The larger growing houses are located at some distance from the store and we did not have time to go down there, but understand that carnations and roses are in good shape for the winter.

The real object of our expedition was a visit to some of the new private establishments that are every year increasing in numbers in this vicinity. Cedar Court, the residence of O. H. Kahn, was visited and the superintendent, Mr. Fraser, welcomed us most hospitably. Here we found J. Austin Shaw dining sumptuously on an old-fashioned vegetarian dinner of fried chicken and corn. Possibly the bracing country air was responsible for Mr. Shaw's fall from grace in thus partaking of the forbidden food, so we will be charitable.

Mr. Fraser has a chrysanthemum house full of all the newest varieties and all in splendid condition. Some of the hitherto unbeaten champions of Morris county will have to look after their laurels at the exhibitions this fall, for Mr. Fraser will exhibit quite largely. W. Duckham, F. A. Cobbold, Ben Wells, Mrs. Thirkell, F. S. Vallis and several other kinds are simply magnificent, and we may look for some phenomenal flowers from this grower.

Leaving Mr. Shaw regaling himself on plums, peaches, melons and several other side lines we made our way to another large estate in course of building, owned by Robert D. Foote. Here a large range of glass is in course of erection, some houses being already planted with roses, carnations and chrysanthemums. R. Vince is in charge and he has years of work ahead of him before the estate will be completed. Stock in the houses is in fine condition, particularly the carnations, and the new rose, Killarney, is thought very highly of. A large quantity of orchids has been purchased and will be on hand as soon as the houses are ready for their reception. An immense mansion is in course of erection, which will take several years to complete, and extensive Italian gardens and shrubberies are in contemplation.

The growth of country estates in this section is remarkable and the indications are that it will continue. Several other similar places were in our mind to visit, but an accident to the automobile delayed us too long and some time in the future we will continue our travels through what is probably one of the most beautiful sections of country in the eastern states. B. B.

L. BAUMANN & CO.

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IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

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200 Home-Grown CALLA ROOTS.

Parties having first-class stock of the same kindly communicate direct with

U. S. Cut Flower Co., Elmira Heights, N. Y.

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PITTSBURG.

The Market.

Trade the past week has been very good. General business is improving and, with a number of store openings, has made a very satisfactory week's business. McCreery & Co. opened their large department store. The event was much like a social affair. On Monday evening they entertained the newspaper men and Tuesday evening the blue ribbon crowd. Wednesday morning they opened their store for inspection to the public. They had the entire store decorated with vases of cut flowers for all these occasions. A. W. Smith had this contract, as well as the Surprise Clothing Co.'s decoration.

Geddis & Blind Bros. had the decorations for the Jos. Horne Co. The whole store as well as the dining-room, which occupies the sixth floor, was elaborately decorated with vases of Beauties, asters, dahlias and gladioli. The same firm has decorated Kaufmann Bros.' large store, using laurel and plants as well as flowers.

Various Notes.

Julius Ludwig has displayed great taste in arranging a scrap book of clippings for floral illustrations which he has been collecting for some time. The work is interesting and valuable as well as beautiful.

The large mills in this section have been piling up thousands of car loads of coke to have on hand in case of miners' strikes; so Fred Burki, who is always up to the times, developed another gas well for the Pittsburg Rose & Carnation Co., which came in last Friday. The well is 1,800 feet deep, with a rock pressure of 150 pounds. This is the third well on Crystal farm. Mr. Burki says they have mums to cut any time now.

W. B. Ague, the Liberty Market florist, is giving up a portion of his time now, acting as judge for the civic clubs in awarding prizes for the best kept gardens and lawns in our suburban towns.

P. S. Randolph, Samuel McClements and Geo. Marshall were some of the florists who took advantage of the fine weather Tuesday and ran down to Brunot's Island to see the ponies go.

Mrs. E. A. Williams, who can now boast of an entire new greenhouse plant, has the only florists' exhibit at the Pittsburg exposition.

Anthony Smith has returned from the lakes full of stored up energy which you will hear from this winter. No one has anything on Andy when it comes to getting business.

The visitors the past week were J. A. Peterson, Cincinnati; A. Langhans, Wheeling, W. Va.; Wm. Craig and E. J. Fancourt, Philadelphia. Hoo-Hoo.

PACIFIC COAST.

An illustration and note on Calla Elliottiana in California will be found on another page of this issue.

HANDLING LARGE PALMS.

There are several reasons why it is advisable for the nurseryman to have a lot of good-sized palms in tubs or boxes for retailing during the planting season as well as for growing or for large decorations. I have found that the public generally does not object to paying fully twenty per cent more for a specimen palm planted in a box or tub than for a tree just dug from the ground. In the first place it makes the plant look much larger and in the second there is not so much danger in transplanting. I have met many men who called themselves gardeners but who were unable to handle a spade with skill enough to take a palm out of the ground without killing it.

And now a few words regarding the best season and ways to transplant palms. The best selling hardy sorts are as follows: Phoenix Canariensis, Chamærops excelsa and C. Napoliensis, Brahea filamentosa, Washingtonia robusta, Erythea edulis and Washingtonia sonorea. These varieties are all hardy here. All the phœnix family are a little difficult to transplant unless taken in the early spring, just before their growing season commences. It is unnecessary to give them a large ball of earth and the only thing to remember is to move them into a shade house as soon as possible after taking them up and I have found it a good plan to tie up the foliage for a month or so. I have taken plants five feet high from the open ground that were only four years old from seed and put them in boxes each 8x8x12 inches and retailed them at $7 to $10 each, and to grow the same palm in a pot for the same space of time would not give a specimen over half that height. This is where the advantage comes in having them transplanted into boxes when they are large enough to dispose of at a good price.

Any of the varieties of chamærops grown here can be taken up at any time and boxed with perfect safety, but not so with washingtonias or braheas. There is only one rule to follow in transplanting them and that is to cut off all the leaves except a center one and put in a shade house in the early spring. In this way I have handled hundreds without losing any. To make an effort to keep the foliage usually results in the plant going back. This rule will apply to all our native fan palms.

Certainly we handle a great quantity of palms here that are taken from the ground with balls of earth and sold in that way, but there is always a risk in handling them and I think it is more satisfactory all around to box a few hundred palms from the open ground and keep them in boxes a few months until they become salable. It does not pay to raise a stock of palms by shifting from one size to another as they make such a headway in the open ground that, if a little care is taken at the proper season, there is no difficulty in having salable plants on hand at all times. G.

SAN FRANCISCO.

The Market.

The very hot weather of last week has had the effect of cutting off the aster supply and, as we are not yet quite into the fullness of chrysanthemum time, there is somewhat of a dearth of flowers. The trade generally feels sorry that asters are gone as they are a most satisfactory flower. Chrysanthemums come under the same heading and we will all be glad when they are received in quantity. Of course, I refer to those grown outdoors, as we have had the hothouse grown stock in market for several weeks. But they do not make the flower popular and it is only when the masses of the people see them that they displace everything else for the time being.

Carnations are scarce and roses have hardly held their own during the recent heated spell. Some late varieties of amaryllis are seen. Sweet peas are getting very short of stem and coreopsis, gaillardias and marigolds have "gone where the woodbine twineth."

Business, in comparison with that of a year ago, is a trifle better and if the cool weather returns, in a few weeks more we will be well into the season when the florists do not have to worry as to whether they will be able to meet expenses.

Various Notes.

Last Friday a meeting of the California State Floral Society was held and a very good collection of seasonable flowers was shown. R. Lichtenberg exhibited about 200 different seedlings.

On the same evening the Society Hortensia of Oakland had a very good exhibit of dahlias and other late blooming annuals. There was a large attendance from both sides of the bay.

John McLaren, superintendent of Golden Gate park, returned this week from his European trip. G.

NEW BEDFORD, MASS.

The second annual fall exhibition of the New Bedford Horticultural Society was held in City Hall on September 15, 16 and 17 and was a pronounced success in every way. The quality of exhibits was much superior to that of a year ago.

For best group of plants H. H. Rogers, James Garthly, gardener, was first, H. A. Jahn second and T. M. Stetson, Wm. Keith, gardener, third. The last named also secured three first premiums in other plant classes.

There was a grand display of dahlias, numerous classes being devoted to them. For sixty distinct varieties arranged for effect, W. C. Winter won the silver cup from five other contestants. E. H. Weber won the cup for thirty varieties. Other sucessful dahlia exhibitors were F. L. Tinkham, J. K. Alexander, W. D. Hathaway, A. J. Fish, J. Sullivan, Wm. Keith, H. A. Jahn, E. I. Lawrence and others. Some sixteen dahlia classes were also devoted to amateurs, these being well contested. Other seasonable flowers and fruits also made a good display.

F. R. Pierson Co. showed several plants of the Tarrytown fern, which were much admired.

The executive committee in charge of the exhibition were Wm. Keith, A. J. Fish and H. A. Jahn. The judges were J. F. M. Farquhar and W. C. Winter.

W. N. Craig.

Boston Ferns.

Nice, clean stock, from 2¼-inch pots, $5.00 per 100; 3-inch pots, $8.00 per 100.

Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at $15.00, $20.00 and $25.00 per 100.

Araucaria Excelsa,

5-inch pots, 3 to 4 tiers, 50c each or $5.00 per doz.

Ocean Park Floral Co.

E. J. VAWTER, Pres. OCEAN PARK, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

100,000 STRONG

Asparagus Plumosus Nanus

2¼-inch, $2.00 per 100; $20.00 per 1000.

3-inch, $3.50 per 100; $30.00 per 1000.

Cash, Express Prepaid.

CALIFORNIA CARNATION CO.

LOOMIS, CAL.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

Mention The Review when you write.

Martinsville, Ind.—Nixon H. Gano has rebuilt the entire plant of the Martinsville Floral Co., moved the office, dug a flower cellar and walled it with concrete, dug and water-proofed a boiler pit, etc. The place is now in nice shape.

Philadelphia, Pa.—Godfrey Aschmann has completed his two new Lord & Burnham houses, and also has built a new thirty-foot brick chimney. The new houses are full of araucarias and ficus, the other stock being spread out to fill the space left vacant, for there is always something coming on at this place to fill any available room. A third new house will be put up at once for the azaleas soon to arrive.

FIELD-GROWN

CARNATION PLANTS.

We have the following to offer:

8000 LAWSON,
2000 MORNING GLORY,
5000 GOV. WOLCOTT,
2000 WHITE CLOUD,
2000 NORWAY,
500 PROSPERITY,
} 5c each

All plants guaranteed first-class and will be shipped from Hinsdale.

Bassett & Washburn

Greenhouses: HINSDALE, ILL.

STORE: 76-78 Wabash Ave., Chicago.

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STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100,	$6.00
BOSTON MARKET	"	6.00
LAWSON	"	6.00
ELMA	"	6.00
GOODENOUGH	"	5.00
MACEO	"	5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. No bud on them.

Wolcott, $6.00; Estelle, $6.00; Alba, $6.00; Enchantress, $8.00; Lawson, $6.00; Queen Louise, $5.00; Manley, $5.00; Lord, $5.00; Fenn, $5.00; Lorna, $5.00; Glacier, $5.00; M. Glory, $5.00; America, $5.00; Joost, $5.00; Red Wing, $5.00; Gomez, $5.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

EXTRA STRONG, HEALTHY PLANTS

	100	1000
Eldorado	$5.00	$40.00
Queen	6.00	50.00
Boston Market	6.00	50.00
Fair Maid	6.00	50.00
Harlowarden	5.00	40.00
Enchantress	6.00	

Backer & Co., Billerica, Mass.

Mention The Review when you write.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
ROOSEVELT	$6.00	$50.00	TRIUMPH	$5.00	$40.00
HARRY FENN	6 00	50.00	FLORA HILL	5.00	40.00
GOV. WOLCOTT	6.00	50.00	PERU	4.00	35.00
CRANE	6.00	50.00	Guardian Angel	3 00	25 00
LAWSON	5.00	40.00	PROSPERITY	6.00	50.00

Satisfactory references required, otherwise shipments are sent C.O.D.

J. A. BUDLONG, 37 and 39 Randolph Street, CHICAGO, ILL.

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FIELD-GROWN

CARNATIONS!

Strong, healthy plants, not over-fed; best size for planting, $5.00 per hundred.

Prosperity, Flora Hill, Daybreak, Ethel Crocker, Joost, Marquis, Wm Scott, Maceo, Queen Louise, McGowan, Cressbrook, Norway.

Also strong field-grown Vinca Variegata at $5.00 per hundred; second size, $3.00.

Cash or satisfactory reference.

J. J. ARNOLD, HOMER, N. Y.

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CARNATIONS

Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

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Fred Burki

is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA. **S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.**

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Asparagus Plumosus

2-inch	$3 00	per 100;	$25.00	per 1000
3-inch	8.00	"	70.00	"

CASH WITH ORDER PLEASE.

Anyone in need of five or ten thousand 2-inch write for prices.

IDLEWILD GREENHOUSES, Memphis, Tenn.

337 Main Street.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN

CARNATIONS.

	Per 100
Enchantress	$7.00
Mrs. Lawson	5.00
Gov. Wolcott	6.00
Mrs. Joost	3.50
Guardian Angel	3.50
Queen Louise	3.50

Asparagus, Plumosus Nanus, 4-inch, $9.00 per 100

N. C. MOORE & CO.

MORTON GROVE : : : ILLINOIS

ROSES

If you are short and need some quick for planting or replacing, write us.

Order **Chinese Primroses** and **Cinerarias** now.

Boston and Piersoni Ferns in all sizes, from 2½-inch to 10-inch.

Sprengeri and Plumosus in 2½-in. to 5-in.

Carnations, Field-grown, Mrs. Joost, Guardian Angel, Mrs. Fisher, Lizzie McGowan, Glacier, Norway, Crane, etc. Write

GEO. A. KUHL,

PEKIN, ILLINOIS.

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EXTRA FINE, FIELD-GROWN

CARNATIONS

Queen Louise, $5.00 per 100.
Norway, - - 4.00 "

Cash with order.

Central Greenhouses, Sandusky, Ohio.

Mention The Review when you write.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Bride	$10 00	....
Moonlight	8 00	....
Lillian Pond	6 00	50.00
Queen Louise	6.00	50.00
Flora Hill	5.00	45.00

White:	Per 100	1000
McGowan	$4.00	$35.00
Pink:		
Fair Maid	6.00	....
Pres. McKinley	6.00	....
Alpine Glow	6.00	....

Pink:	Per 100	1000
Dean	$5 00	$40 00
Melba	5.00	40.00
Joost	5.00	40.00
Scott	4.00	...
Morning Glory	5.00	....

Miscellaneous:	Per 100	1000
Crane	$6.00	....
Portia	4.00	....
Prosperity	6.00	$50 00
Mrs. Bradt	6.00	....

Well grown, large, bushy plants free from all disease.
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

TORONTO.

The Market.

Trade during the last two weeks has not been up to expectations with most of our retail men. Some, however, claim that they are doing as much as they could expect at this season of the year, while a select few say they are busy. Toronto trade is usually quiet for a week or two after the exhibition, as most of our city people have had to expend considerable of their surplus cash entertaining their country cousins during that time. This year was no exception, as our national exhibition was the largest in the history of the fair and the extra attendance of out-of-town people was very marked. We feel indebted to W. S. for the write-up he gave our fair. Of course, we do not think that he was the only American citizen who had similar views.

In regard to cut flowers, roses and carnations are still scarce and the quality nothing extra, yet we notice continual improvement which is very encouraging. Asters have been in great supply and gladioli have been very plentiful. These, with other small stuff, have helped to fill in for funeral work and decoration.

Among the growers, we find them to be busy getting their stock in shape for the winter and with most of them everything looks very promising. Retailers are renovating their stores and generally doing their season's house cleaning. Noticeable among these is Dunlop's King street store, which will be beautifully decorated. Jay & Son are giving their store a coat of paint. D. J.

Kansas City, Mo.—R. S. Brown & Son will have a little more room this season, having added an area 50x150 feet to their glass. Business has been very good with them, usually right up to their facilities.

CARNATIONS As good as the best

Lawson, Louise, White Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c. **Princess of Wales Violet Plants**—Large clumps, 5c. **Asparagus Sprengeri**—From 2c to 6c. **Roses**—Gates, Ivory and Brides, 2c.

W. W. COLES, Kokomo, Ind.

Mention The Review when you write.

CARNATIONS.

STRONG FIELD PLANTS.

12,000 LAWSON ..... per 1000, $50.00
10,000 WHITE CLOUD ..... " 45.00
10 000 FLORA HILL ..... " 45.00

IMMEDIATE DELIVERY.

WEILAND & RISCH,
59 Wabash Avenue, CHICAGO

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c
Enchantress	light pink	10c
Chicago	red	6c
Flora Hill		6c
Lorna		6c
Harry Fenn		6c
Wm. Scott		5c

Mrs. E. A. Nelson	pink	6c
Floriana	pink	5c
Ethel Crocker	pink	5c
Eldorado	yellow	5c
Oriole	scarlet	5c
Mermaid	pink	5c
Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

DO YOU WANT

CARNATIONS?

STRONG, HEALTHY FIELD PLANTS.

	Per 100	Per 1000
5000 Frances Joost	$3.00	$30.00
5000 Marquis	3.00	30.00
3000 Prosperity	3.50	30.00

10,000 **Asparagus Plumosus Nanus,** beautiful plants from 2¼-inch pots, $2.25 per 100; $20.00 per 1000. **Sprengeri,** same size, $1.50 per 100; $12.50 per 1000.

GERANIUMS—Strong 2½-inch. J. Viaud, Mrs. E. G. Hill, S. A. Nutt, Bruanti, $1.50 per 100; $15.00 per 1000.

The above stock is guaranteed first-class and will receive special attention as to packing, etc.

CASH WITH ORDER.

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

Field-Grown

Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
BRADT	5.00	.....
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
ESTELLE	5.00	45.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
APOLLO	5.00	.....
HIGINBOTHAM	4 50	40.00
LAWSON	6.00	.....

ROSE PLANTS.

	Per 1000
3½-in. **Gates and Brides,** fine stock	$30.00
2½-in. **Maids,** fine stock	20.00
2¼-in. **Stevia**	18.00
2½ in. **Mums**	18.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Mention The Review when you write.

No. 1 FIELD-GROWN

CARNATION PLANTS

Queen Louise	$4.00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

CARNATION PLANTS,

Field-grown, FINE, HEALTHY stock. No stem-rot.

	Per 100	Per 1,000
10,000 Lawson	$6.00	$55.00
10,000 White Cloud	5.00	45.00
7,000 Prosperity	6.00	55.00
15,000 Nelson	6.00	55.00
1,000 Glacier	5.00	45.00

	Per 100
600 Norway	$5.00
300 Crane	5.00
300 Adonis	6.00
450 Fair Maid	6.00
500 Floriana	6.00
150 Gomez	5.00
200 Maceo	5.00
100 Gaiety	5.00
350 Bradt	6.00
150 Manley	7.00
250 Harry Fenn	7.00
150 McKinley	5.00
350 Boston Market	5.00
350 Gov. Wolcott	5.00

Ferns Piersoni, 2½-in., $10.00 per 100; Boston Ferns, 2½-in., $6.00 per 100; 3-in, $10.00 per 100; 4-in., $15.00 per 100. **And they are all fine plants.** CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

CARNATIONS FIELD-GROWN.

Norway, Marquis, Joost, Roosevelt, Morning Glory, Apollo, Estelle, Potter Palmer, Bradt, Higinbotham, Dorothy Whitney, Alba, Stella.

$5.00 per 100.

RUBBERS—Top layers:

12 to 15-inch	$3.00 per doz.
15 to 18-inch	4.00 "
18 to 24-inch	5.00 "

ASPIDISTRAS:

Green Foliage, 4-in. $1.50; 5-in. $2.50 per doz.
Var. " " 3.00; " 5.00 "

BOSTON FERNS, 4-in. $1.50, 5-in. $2.50 per doz.

TERMS CASH.

JOSEPH HEINL & SONS, Jacksonville, Ill.

Mention The Review when you write.

CARNATION PLANTS

Extra strong and healthy.

Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$6.00	Nelson	$5.00
Market	6.00	Joost	5.00
McGowan	4 00	Estelle	8.00
Lord	6.00	Ad. Cervera	5.00
Maid	8.00	Prosperity	5.00

FRANK H. KIMBERLY,
Townsend Ave., NEW HAVEN, CONN.

FIELD-GROWN CARNATIONS

White:	Per 100	1000
The Queen	$8.00	$75.00
Lillian Pond	6.00	50 00
Gov. Wolcott	6 00	50.00
Her Majesty	6.00	50 00
Marian	5 00	45 00
Queen Louise	5.00	45.00
Vesper	8.00	....

White:	Per 100	1000
White Cloud	$5.00	$45.00
Hill	5.00	....
Mary Baker	5.00	....
Lorna	5.00	....
Pink:		
Enchantress	8.00	70 00
Genevieve Lord	6.00	50.00

Pink:	Per 100	1000
New Daybreak	$12 00	$100.00
Lawson	6 00	50.00
Fair Maid	6.00	50 00
Floriana	5.00	45.00
Joost	4.00	35 00
Melba	4 00	35 00
Crocker	4.00	35 00

	Per 100	1000
Portia (pink)	$3.00	....
Scott (pink)	4.00	....
Prosperity (variegated)	6.00	$45.00
Marshall Field "	7.00	....
Eldorado (yellow)	3.00	....

SAMUEL S. PENNOCK, The Wholesale Florist, - - PHILADELPHIA, PA.

Mention The Review when you write.

CARNATION PLANTS

FINE, HEALTHY STOCK. NO STEM-ROT.

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	3 50	30 00
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 50	30 00
White Cloud, white	4 00	35 00
Queen Louise, white	4 00	35 00
Peru, white	4 00	35 00
Joost, pink	4 00	35 00
Lord, pink	4 00	35 00
Estelle, red	5 00	45 00

George Reinberg

51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

THE BEST

Is the Cheapest in the End.

52,000 Large, bushy, healthy field-grown Carnation Plants.

	Per 100		Per 100
Enchantress	$6.50	Queen Louise	$5.00
Gov. Wolcott	5.00	Q. Louise, 2d size	3.00
The Queen	6.00	Boston Market	5.00
Floriana	5.00	Second size	3.00
Lillian Pond	4.00	Cervera, 2d size	3.00
May Naylor	5.00	Marquis, 2d size	3.00
Her Majesty	5.00	Maceo, 2d size	3.00
M. Field	5.00	Morning Glory	5.00

CASH.

C. L. HOWE,

CARNATION SPECIALIST,

DOVER, N. H.

Mention The Review when you write.

Field-Grown Carnations.

Large, Strong, Healthy Plants.

Lawson	$5.00 per 100;	$40.00 per 1000
Flora Hill	4.00 "	30.00 "

CASH WITH ORDER.

OLAF E. SANDBERG, Rogers Park Sta. CHICAGO, ILL.

PETERSON AVE., NEAR ROBEY ST.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Indianapolis

See what Others Think of it

TESTIMONIAL.

CROMWELL, CONN., April 18, '04.

BAUR & SMITH,

Indianapolis, Ind.

Gentlemen:—We have grown your carnation Indianapolis this past year, and while we have had small plants they have shown themselves good producers of good quality bloom. The color has been very pleasing and it should prove a good commercial variety.

Very truly yours,

A. N. PIERSON.

Per W. R. P.

We have about 5000 fine Field-Grown Plants to sell this Fall at **$12** per 100; **$100** per 1000. First come, first served.

BAUR & SMITH,

330 W. 38th Street,

INDIANAPOLIS, IND.

Mention The Review when you write.

I HAVE 50,000

Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10.00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson, pink	6.00
Enchantress, pink	10.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	10.00
Estelle, red	7.00
Bradt, variegated	6.00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Picus, 6-in. pots	40.00
4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$4 00	$35 00
PERU	6 00	50 00
NORWAY	5 00	40 00
QUEEN LOUISE	5 00	40 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	5 00	45 00
GUARDIAN ANGEL	4 00	35 00
McKINLEY	6 00	50 00
Light Pink:		
MRS. HIGINBOTHAM	4 00	35 00
Red:		
CHICAGO	6 00	50 00
MRS. INE	4 00	35 00
ESTELLE	6 00	50 00
Maroon:		
ROOSEVELT	6 00	50 00
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

CARNATIONS, FIELD-GROWN PLANTS.

We have had an ideal growing season. Our stock is extra fine and healthy, ready for immediate shipment.

	Per 100	1000
New Daybreak, grand stock, very profitable	$12.00	$100.00
Reliance	12.00	.....
Genevieve Lord, extra size	8.00	.....
" " fine, 1st size	6.00	50.00
Enchantress, fine, 2nd size	6.00	50.00
Norway	6.00	.....
Prosperity, fine, 2d size	5.00	.....
Gov. Lowndes	6.00	50.00
Enquirer, extra size	6.00	.....
Harlowarden, fine, 2d size	6.00	.....
Pres. McKinley, extra size	6.00	.....
Fragrance, extra size	6.00	.....
Lillian Pond	5.00	.....
Sybil	5.00	40.00
Mrs. Roosevelt	5.00	.....
Adonis, fine, 2d size	6.00	.....
Gov. Wolcott, small, healthy plants	4.00	.....

Varieties priced per 100 one cent less per plant on any order amounting to 500 plants or over, any varieties. Stock going rapidly. Order quick.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

GRAND RAPIDS, MICH.

The weather conditions continue as varied as Joseph's proverbial coat of many colors, cloudy and cold today, warm and muggy tomorrow, followed by storms. The storm Saturday night blew down not only sturdy oaks, but a ventilator out at C. R. Hill's. It traveled over into an adjoining house, while the rain came down in torrents.

Business would be dull were it not for frequent funerals and shipping orders. Roses are plentiful and quality improving. The stems are much longer now. Carnations are still scarce, very few being allowed to bloom as yet. Planting is finished.

Alfred Hanna has just finished a new violet house and has about finished summer repairs.

Freyling & Mendals open their downtown store October 1. They have space at Cole's glove store.

Charles Chadwick is scheduled for downtown, but the date of opening and location are not yet announced.

Mr. Thornton, of H. A. Dreer's, is in town with wife and family. While ostensibly on pleasure bent, he is not averse to booking your order for anything you need in their line.

It is fair week and once again the florists are expected to help out the show from patriotic motives, if nothing else. The Grand Rapids Floral Co. will do what they can, as will Henry Smith, and Crabb & Hunter.

Wencil Cukirski, superintendent of parks, has laid out the grounds with a view of planting shrubbery for the future. He has also planted seven large flower beds in various parts of the grounds. This is a good beginning and another year it will be continued on a more extensive scale. G. F. C.

BLOOMINGTON, IND.—James Cain has bought out the Rott Floral Co. and will continue the business as the Cain Floral Co.

SCHENECTADY, N. Y.—The property formerly owned by W. C. Eger has passed into the hands of W. T. Hanson and will be used for residence purposes.

MUM

time will soon be here. Keep in touch with us on NOVELTIES.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

VIOLETS

Marie Louise, field-grown	per 100,	$5.00
" " pot-grown 3-inch	"	3.00
Asparagus Plumosus, 2½-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

Mention The Review when you write.

ROSES. CARNATIONS.

Strong 3-inch stock. Will soon do to cut from.

	100	1000
Brides, Maids, Ivory, Gates	$4.00	$35.00
Perles, extra fine	5.00	
Joost, Armazindy, very strong	5.00	45.00

BOSTON FERNS—Choice, fresh looking plants, 2½-inch $4.00, 3-inch $8.00, 4 inch (extra strong, good as 5-inch), $15.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.	per 100,	$3.60
Lilium Harrisii, 7-9-in.	"	8.00
Lilium Candidum, 22 cms.	"	4.50
Calla Ethiopica, 1⅜ to 1⅝ in.	"	6.00
Hyacinth—Roman White, 12-15 cms	per 1000,	26.00
Narcissus—Paper White Grandiflora, 13 cms. and up	per 1000,	9.00
Asparagus Plumosus Robustus	per 100,	4.00
Asparagus Plumosus	"	3.00
Asparagus Sprengeri	"	2.50
Pteris Tremula	per 100,	$2.50
Pteris Argyrea	"	2.50

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes. 2½-inch pots, 6-8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8.00 per 100.

BOSTON FERNS from Bench, 4-in. pot size....15c; 5-in. pot size....25c; 6-in. pot size....35c.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquiniæflora, grand for winter pot plants. 3-inch, $8.00 per 100. 4-in., $12.00 per 100.

Poinsettia, young fresh stock, just right for pans, 2½-in., $5.00 per 100.

Latania Borbonica—

24-in., 5 to 7 leaves, 7-in. pot	$1.00	each.
28-in., 6 to 8 leaves, 8-in. pot	1.50	"
28 to 30-in., 7 to 9 lvs., 10-in. pot,	2.50	"
Cycas Revoluta, 8 to 10 leaves.	.75	"
" " 10 to 12 "	1.00	"
" " 12 to 15 "	1.50	"

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.

Boston Ferns.

2½-inch	per 100,	$ 3 50
5 -inch	"	25.00
From bench for 4-inch	"	8 00
From bench for 5-inch	"	15.00

Piersoni.

5-inch	per 100,	$40.00
Nep. cordata compacta, 3-inch	"	5.00
Asparagus Plumosus, 2-inch	"	3.00
" " 3-inch	"	6 00
Xmas Peppers, 3-inch, fine	"	5.00
Sago Palms, 4 to 6 leaves	per doz.,	3.00

CASH OR SATISFACTORY REFERENCE.

GEO. L. MILLER CO., Newark, Ohio.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.
Violets, Marie Louise, strong field-grown plants, $4.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

ASPARAGUS SPRENGERI, Good healthy stock, 2¼-in pots	Per 100 $2.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in.	2.50
SMILAX PLANTS, strong bushy stock, in 2½-in. pots	per 1000. 15.00
Boston Ferns, both 5 and 6-in., 25c and 35c each.	

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas. 3-in., $4.00 per 100. Primula Chinensis, 3-in., $3.00 per 100; 4-in., $6.00 per 100.

Boston Ferns, from bench, large plants, ready for 6-in. pots, $15.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

...FALL... BARGAINS!

We wish to call your attention to the following low quotations, considering the quality, which we guarantee as represented:

CHINESE PRIMROSES—From the very best European strains. We have always given satisfaction with these, and a trial order will convince. Thrifty plants, ready for a shift, from 2¼-inch pots, in white, light pink, blue and bright red. $3.00 per 100; from 3-inch pots, in above colors, $5.00 per 100.

PRIMULA FORBESII GRANDIFLORA—A large flowered type of Forbesii, much stronger in growth, longer stemmed and flowers double the usual size. From 2¼-inch pots, $3.00 per 100.

NEPHROLEPIS BOSTONIENSIS—Thrifty plants of this favorite fern that have had a full season's growth, and a bargain to any Florist. From 2¼-inch pots, $4.00 per 100; 2½-inch pots, $6.00 per 100; 3-inch pots, $8.00.

NEPHROLEPIS PIERSONI—Plants from 2¼-inch pots of same quality as Bostons, $4.00 per 100.

NEPHROLEPIS CORDATA COMPACTA—Thrifty plants of this old-time favorite, from 2¼-inch pots, $4.00 per 100; 2½-inch pots, $6.00 per 100; 3-inch pots, $8.00 per 100.

POINSETTIA PULCHERRIMA—Vigorous plants from late struck cuttings, ready for shift. From 2½-inch pots, $5.00 per 100.

Send for our Fall List, just issued

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots.....2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $4.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens.....3.50 each
10-inch pans, fine specimens.....5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50 00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3 00 per 100	$ 25.00 per 1000
3 -inch pots	6 00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140 00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $25.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

ZIRNGIEBEL Giant Pansies

Giant Market and Fancy Strains.

Seed of the above well known varieties at $1.00 each trade packet. Also plants at $5.00 per 1000. Fancy strain at $10.00 per 1000.

DENYS ZIRNGIEBEL, Needham, Mass.

Mention The Review when you write.

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande. Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

BOSTON FERNS

From Bench, equal to good strong 4-inch, $8.00 and $10 00 per hundred; Strong Runners, $2.00 per hundred. Now is your last chance to buy this splendid stock cheap as we must clean this up by October 1st, to make room for young Geranium stock. If you can use any Bostons by Xmas you should look into this. CASH, please.

F. E. Bonham, 728 E. Calhoun St. Telephone 121 Macomb, Ill.

Mention The Review when you write.

VIOLETS

Imperial—From 3-inch, $4.00 per 100; 2-inch, $2.50 per 100. **Campbell**—3-inch, $4.00 per 100.

Plumosus—2-inch, $3.00 per 100.

Carnations—Write for varieties and prices.

Sweet Alyssum—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Dahlia Roots. We are booking orders now for Fall delivery. Our list will compare favorably with any general commercial collection in the country. List and prices sent on application.

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, M. Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, Dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacqueri, Gloire de France and Mme. Barney, $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00,	40c	$3.00
Hibiscus, 5 varieties.....		3.00
Lemon Verbena.....per 1000, $20.00,	50c	2.50
Lantanas, 10 varieties, per 1000, $17.50,	40c	3.00
Maranta Massangeana.....	75c	4.00
Plumbago, Blue and White 3-inch...		3.00
Smilax.....per 1000, $15.00,		3.00
Swainsona Alba.....	40c	3.00
Swainsona Rosea.....	40c	3.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

Mention The Review when you write.

PALMS.

Dracaena Terminalis, Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.

Hydrangeas, field grown, 2-year-old, with four to eight flower buds; fine for next Easter; $3.50 per dozen.

Stevia, 4 in. pots, $5.00 per 100.

Smilax, 2½ in. pots, $1 75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS,
ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. Dorchester, Mass.

Mention The Review when you write.

CYCLAMEN

GIGANTEUM. Finest Giants, mxd., strong 2½-inch, showing flower buds, $4.00 per 100.

GIANT PANSIES.

Finest large flowering, mixed, strong plants, $3 00 per 1000.

PRIMROSE Seed. Finest Chinese grown, mixed, 500 seeds, $1.00; ½-pkt., 50c.

CYCLAMEN Giganteum. Finest mixed, 200 seeds, $1.00; ½-pkt., 50c.

CINERARIA. Finest large-flowering Dwarf, 1000 seeds, 50c.

DAISY. Double Giants, mixed, 1000 seeds, 25c.

PANSY GIANT The finest large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50c.

500 seeds of "**Giant Mme. Perrett**" added to every $1.00 pkt. of Giant Pansy Seed.

CASH. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum Farleyense, 4-in., $4.50 doz. A cuneatum, 4-in., $1.25 doz., $10.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

ALTERNANTHERAS.

Alternantheras, red and yellow, 40c per 100, $3.50 per 1000. Will exchange for asparagus, cinerarias or primroses.
Victor H. Thomas, Box 82, Augusta, Ky.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

ANTHERICUMS.

Anthericum variegatum, strong plants from 4-inch pots, $10.00 per 100. Cash.
Henry Schmidt, 408 Fulton St., Union Hill, N. J.

AQUILEGIAS.

Aquilegia, double mixed, $1.50 per 100.
G. R. Clark, Scranton, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus Sprengeri from bench, ready for 3-inch pots, almost equal to 3-inch pot plants, $2.00 per 100; $15.00 per 1000. Send P. O. order on Little River. Send for catalogue out next month. Soar Bros., Little River, Fla.

Asparagus plumosus nanus, from flats, $1.00 per 100, $10.00 per 1000, prepaid; ready for 4-in., $2.00 per 100; for 5-in., $3.00 per 100; for 6-in., $4.00 per 100.
J. F. Allen, Orlando, Fla.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 100. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 100. Cash with order. John Brod, Niles Center, Ill.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $18.00 1000; 3-in., $3.00 100; $28.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus plumosus nanus, 2¼-in. pots, $2.25 100; $20.00 1000. A. Sprengeri, 2¼-in., $1.50 100; $12.50 1000. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, 2-inch, $1.00 100; 2½-inch, bushy, $2.00 100; 3-inch, very strong, $2.50 100. Cash.
F. Walker & Co., New Albany, Ind.

Asparagus plumosus, 2-in. pots, $2.00 per 100. Asparagus Sprengeri, 4-in. pots, $7.00 per 100. Cash.
Seidewitz, 36 W. Lexington St., Baltimore, Md.

Asparagus plumosus nanus, 3-inch, ready for 4-inch, strictly first-class, $8.00 100. Cash from unknown parties.
J. Van Lindley Nursery Co., Pomona, N. C.

100,000 strong Asparagus plumosus nanus, 2¼-in., $2.00 100; $20.00 1000; 3-in., $3.50 100; $30.00 1000. Cash. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000; 3-in., $8.00 100; $70.00 1000. Cash.
Idlewild Greenhouses, 337 Main St., Memphis, Tenn.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2½-in., $2.50 per 100; $22.50 per 1000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 6-in. pots, 2-year-old stock, 30 plants offered, $8.00 for lot. Cash with order. John Schuster, New Canaan, Conn.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100. The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100. S. M. Harbison, Danville, Ky.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus and Sprengeri, 2½-in., $2.50 100. Fine plants. Cash.
John G. Eisele, 20th and Ontario, Phila.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus, 2½-in., $4.00 100; 3-in., $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus plumosus, strong, 2-in., $2.50 per 100. White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri and plumosus in 2½ to 5-inch. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 2½-in., $2.50 100. E. Knabe, Frankfort, Ind.

Asparagus plumosus, 3-in., strong, $6.00 100. G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100. A. Mirring, East St. Louis, Ill.

Asparagus plumosus nanus, 4-in., $10.00 100. L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 4-in., $9.00 100. N. C. Moore & Co., Morton Grove, Ill.

Plumosus, fine strong 3-in., $5.00 100. C. Winterich, Defiance, Ohio.

Asparagus, 3-in., very fine, $5.00 100. Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus, 2-in., $3.00 100. Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100. Davis Bros., Geneva, Ill.

Asparagus Sprengeri from 2c to 6c. W. W. Coles, Kokomo, Ind.

ASPIDISTRAS.

Aspidistras, green, 4-in., $1.50 doz.; 5-in., $2.50; var., 4-in., $3.00; 5-in., $5.00.
Joseph Heinl & Sons, Jacksonville, Ill.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias metallica and Pres. Carnot, 2½-in. pots, $3.00 per 100; $25.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Gloire de Lorraine, 2-in. pots, $15.00 100; $140.00 1000; 3-in., $20.00 100.
Cottage Gardens Co., Queens, L. I., N. Y.

Begonias, 12 varieties, 2 and 2½-in. pots, 40c doz., $2.50 100.
Harmon & Henderson, Iola, Kan.

Fine mixed begonias, 2-in., $1.75; 4-in., $7.00 per 100. Hammerschmidt & Clark, Medina, O.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Rex begonias, 2¼-in., $3.00 per 100.
W. H. Parsil, Summit, N. J.

BERRIED PLANTS.

Jerusalem cherries, 2-in., ready for 3s, 40c doz., $1.50 100. Xmas (celestial) peppers, 2¼-in., 40c doz., $2.00 100; 3-in., 75c doz., $5.00 100. Ready for a shift. Fruit setting.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Xmas peppers, 3-in., fine, $5.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Celestial peppers, 4-in. pots, fine plants, full of fruit, $8.00 per 100.
Herman Holtz, Hammond, Ind.

Celestial peppers, 6-in. pots, $3.00 doz.
Mrs. Chas. Duntze, 1980 Madison Ave., Memphis, Tenn.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BOUVARDIAS.

Bouvardias, field-grown, $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Send in your order now for a copy of the Florists' Manual.

BULBS.

I offer the best bulbs to be had from Holland growers, and this is the only price that I have. Forcing hyacinths in separate colors; first size bulbs, 17 cms. and up, single, dark blue, rose and pink, pure white, dark blue, light blue, yellow, $3.75. Second size, for forcing and bedding, 14 to 16 cms.; dark red, pink, pure white, dark blue, light blue, yellow, $2.70. Double—dark red, pink, pure white, dark blue, $2.80. Named hyacinths, 18 cms. and up, Gertrude, rosy pink; La Grandesse, white; King of the Blues, La Perrouse, light blue; Chas. Dickens, rose; Madam van der Hoop, blush white, $4.50. Single, early tulips, superfine mixed, 75c; double, 90c. Single, early tulips in separate colors, pink and rose, red and scarlet, violet and purple, white, yellow, 90c. Double, white, pink, red, yellow, violet, $1.00. Single, named tulips, La Reine, white, 85c; yellow, $1.00; L'Immaculee, pure white, 85c. Rose, tender, soft pink, $1.00. Crysolora, pure yellow, 95c. Crimson King, $1.20. Double named tulips, Tournesol, red and yellow, $1.70. La Candeur, pure white, $1.15. Count of Leicester, orange and yellow, $1.00. Rex Rubrorum, scarlet, $1.35. Rose Blanche, pure white, $1.20. Gloria Solis, red bordered with gold, $1.40. Double Narcissus Von Sion, $1.40. Orange Phoenix, $1.00. Incomparabilis, 90c. Alba plena adorata, 80c. Single narcissus, Trumpet Major, $1.00. Incomparabilis Stella, 80c. Seedsii, $1.00. Bicolor grandis, $2.00. Poeticus ornatus, 90c. Callas, 1¼ to 1½ in. in diameter, $5.00. 1½ to 2 in., $7.00; 2 to 2½ in., $9.00. Freesias, California grown, select, 75c; French grown, large bulbs, $1.00. Oxalis, in 4 varieties, 90c. Snowdrops, single, 75c; double, $1.10. Crocus, all colors mixed, 25c; separate colors, 1st size bulbs, white, yellow, blue, variegated, 35c. Named crocus, large bulbs, Baron von Brunow, dark blue, Mont Blanc, white, Sir Walter Scott, striped, Albion, purple, large yellow, 50c. Prices are given per 100, 25 at 100 rate. Chinese sacred lily, each 4½c. Home-grown, large bulbs, 3c; smaller bulbs, 2c each. Lilium candidum, extra large bulbs, 8c; select bulbs, 6c each.
Frank Kadlec, 181 Johnston Ave., Chicago.

Lilium Harrisii, 5x7 in., $3.00 100; 7x9 in., $8.00 100. L. candidum, 22 cms., $4.50 100. Calla Ethiopica, 1⅝ to 1⅝ in., $6.00 100. Hyacinths, Roman white, 12 to 15 cms., $26.00 1000. Narcissus, Paper White grand., 13 cms. and up, $9.00 1000.
Storrs & Harrison Co., Painesville, Ohio.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

Big calla bulbs, all with good center shoots, sound, ripe and healthy. 2 to 2½ inches, $12.00 100; $100.00 1000. 1¾ to 2 inches, $7.00 100; $60.00 1000. 1 to 1¼ inches, $4.00 100; $35.00 1000. Dutch, French and Bermuda bulbs ready. Send for catalogue.
A. T. Boddington, 342 W. 14th St., New York.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

I have from 6,000 to 10,000 Lilium canadensis, good bulbs, which I am offering for $3.00 per 100; $20.00 per 1000. Lilium philadelphicum, $3.00 per 100; $20.00 per 1000.
L. E. Williams, Nottingham, N. H.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Dutch and Roman hyacinths, tulips, narcissi, callas, freesia, Harrisii and longiflorum lilies. Write for prices.
W. C. Beckert, Allegheny, Pa.

Paper white narcissi Totus albus, 13 cms. and over, case 1400 to 1500 bulbs, $7.50 1000.
N. Le Page, Mt. Vernon, N. Y.

Lilium Harrisii, 5-7 in., $4.00 100; $36.00 1000; 7-9 in., $8.00 100; $78.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

Florists' bulbs of highest quality. Get our prices before placing your order.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Now ready. Lilium Harrisii, longiflorums, freesias, buttercup oxalis.
W. W. Rawson & Co., Boston, Mass.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex.

CARNATIONS.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Chicago	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnations.

	100	1000		100	1000
Pond	$6.00	$50	Lorna	$5.00	..
Wolcott	6.00	50	Lawson	6.00	50
Her Maj'ty	6.00	50	Scott	4.00	..
Marian	5.00	45	Floriana	5.00	45
Q. Louise	5.00	45	Prosperity	6.00	45
W. Cloud	5.00	45	Field	7.00	..
Enchant.	8.00	70	The Queen	8.00	75
Fair Maid	6.00	50	Hill	5.00	..
Joost	4.00	35	Melba	4.00	35
Mary Baker	5.00	..	Crocker	4.00	35
Portia	3.00	..	Vesper	8.00	..
Eldorado	3.00	..	Lord	6.00	50
New D'yb'k.	12.00	100			

S. S. Pennock, 1612 Ludlow St., Phila.

LOOK HERE! Extra fine field-grown carnation plants, no stem-rot. Queen Louise, Joost, Morning Glory, Gen. Maceo, $5.00 100; $45.00 1000. Mrs. Lawson, Challenger, Crane, Queen, Boston Market, $6.00 100; $50.00 1000. 250 at 1000 rate. James E. Beach, Bridgeport, Conn.

If you want carnations of the best size and quality in mid-winter, get VESPER and be quick about it; only a few left, $8.00 per 100; $75.00 per 1000. Cash in the morning; plants start after dinner.
Isaac A. Passmore, West Chester, Pa.

Field-grown carnation plants.

White.	100	1000	Pink.	100	1000
Bride	$10.00	..	Dean	$5.00	$40
Moonlight	8.00	..	Melba	5.00	40
L. Pond	6.00	$50	Joost	5.00	40
Q. Louise	6.00	50	Scott	4.00	..
F. Hill	5.00	45	M. Glory	5.00	..
McGowan	4.00	35	Miscellaneous.		
Pink			Crane	6.00	..
Fair Maid	6.00	..	Portia	4.00	..
McKinley	6.00	..	Prosperity	6.00	50
Alpine Glow	6.00	..	Bradt	6.00	..

We guarantee all of the above stock to be in first-class condition.
The Leo Niessen Co., Philadelphia, Pa.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$4.00	$35
Nelson	5.00	45	McKinley	6.00	50
Higinbotham	4.00	35	Bradt	6.00	50
Chicago	6.00	50	Estelle	6.00	50
Mrs. Ine	4.00	35	Norway	5.00	40
F. Hill	4.00	35	Q. Louise	5.00	40
Peru	6.00	50	Harlowarden	4.50	40
Roosevelt	6.00	50			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Carnations, extra fine, field-grown.

White	100	1000	Pink	100	1000
Bountiful	$10	$80	Nelson	$5	$40
Reliance	6	40	Lawson	5	40
Moonlight	10	75	Cressbrook	4	
L. Pond	4	35	Higinbotham	4	30
Scarlet			Variegated		
Crusader	7	60	M. Field	5	40
Mrs. Palmer	4	35	Tiger	4	
Crimson			Yellow		
Harlowarden	5	40	D. Whitney	5	

Chicago Carnation Co., Joliet, Ill.

Field-grown carnation plants; strong, healthy, well packed. Per 100

1000	Joost, No. 1	$4.00
500	Joost, No. 2	2.00
500	Lord, No. 1	4.00
200	Lord, No. 2	2.00
100	Flora Hill, No. 1	4.00
100	Flora Hill, No. 2	2.00
500	Queen Louise, No. 2, good	2.50
200	Lawson, No. 2, fair	2.50
200	Prosperity, No. 1, fine	5.00

Chas. Black, Hightstown, N. J.

Carnations, fine, healthy, field-grown, New Daybreak, $12.00 100; $100.00 1000. Reliance, $12.00 100. Lord, extra size, $8.00; 1st size, $6.00 100; $50.00 1000. Enchantress, 2d size, G. Lowndes, $6.00 100; $50.00 1000. Norway, $6.00. Prosperity, 2d size, $5.00. Enquirer, extra size, Harlowarden, 2d size, McKinley, extra size, Fragrance, extra size, Adonis, 2d size, $6.00 100. L. Pond, Mrs. Roosevelt, $5.00 100. Wolcott, small, healthy plants, $4.00 100. Sybil, $5.00 100; $40.00 1000.
H. Weber & Sons, Oakland, Md.

52,000 large, bushy healthy field-grown carnations. Per 100:

Enchantress	$6.50	Queen Louise	$5.00
G. Wolcott	5.00	Q. Louise, 2d size	3.00
The Queen	6.00	B. Market	5.00
Floriana	5.00	B. Mark., 2d size.	3.00
Lillian Pond	4.00	Cervera, 2d size.	3.00
M. Field	5.00	Marquis, 2d size.	3.00
May Naylor	5.00	Maceo, 2d size.	3.00
Her Majesty	5.00	M. Glory	5.00

Cash with order.
C. L. Howe, Dover, N. H.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$6.00	Harry Fenn	$5.00
Estelle	6.00	Lorna	5.00
Alba	6.00	Glacier	5.00
Enchantress	8.00	M. Glory	5.00
Lawson	6.00	America	5.00
Q. Louise	5.00	Joost	5.00
Manley	5.00	Red Wave	5.00
Lord	5.00	Gomez	5.00

Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$ 4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Enchantress	10.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Estelle	7.00	Cash, please, or reference.	
Variegated.			
Bradt	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Carnations, field-grown, healthy. Per 100:

Norway	$5.00	Gaiety	$5.00
Crane	5.00	Bradt	6.00
Adonis	6.00	Manley	7.00
Fair Maid	6.00	H. Fenn	7.00
Floriana	6.00	McKinley	5.00
Gomez	5.00	B. Market	5.00
Maceo	5.00	G. Wolcott	5.00

Lawson, Prosperity, Nelson, $6.00 100; $55.00 1000. W. Cloud, Glacier, $5.00 100; $45.00 1000.
W. J. & M. S. Vesey, Ft. Wayne, Ind.

Carnations, extra strong, stocky plants.

	100		100
Q. Louise	$6.00	Nelson	$5.00
B. Market	6.00	Joost	5.00
Lord	6.00	Cervera	5.00
Prosperity	5.00	McGowan	4.00

Frank H. Kimberly, New Haven, Conn.

Carnations, field-grown, strong, healthy, free from disease at following low prices, $5.00 per 100, for varieties listed below:

Glacier	Morning Glory
White Cloud	Guardian Angel
Flora Hill	Marquis
Queen Louise	Crane
Ethel Crocker	Armazindy
Mrs. Joost	Bradt
Prosperity	

G. Van Bochove & Bro., Kalamazoo, Mich.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$30.00	M. Glory	$4.00	$35.00
Jubilee	3.50	30.00	Peru	4.00	35.00
Bradt	3.50	.....	D'yb'k, w.	4.00	35.00
Glacier	4.00	35.00	Lawson	4.50	42.00

250 at 1000 rate. Cash.
Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	Estelle	$5.00	$45
Prosperity	5.00	45	W. Cloud	5.00	
Bradt	5.00		M. Wood	4.50	40
Palmer	5.00	45	Apollo	5.00	
F. Hill	4.50		Higinbotham	4.50	40
Joost	4.50	40	Lawson	6.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnations. Per 100:

Hill	$5.00	Louise	$5.00
Joost	5.00	Scott	4.00
McGowan	4.00	Melba	5.00
Portia	4.00	Prosperity	6.00
L. Pond	6.00	M. Glory	6.00
Fair Maid	6.00	Elbon	4.00
Crane	5.00		

Philadelphia Wholesale Flower Market, 1235 Filbert St., Phila.

75,000 field-grown, clean, healthy stock.

	100	1000		100	1000
Roosevelt	$6	$50	Triumph	$5	$40
H. Fenn	6	50	F. Hill	5	40
Gov. Wolcott	6	50	Peru	4	35
Crane	6	50	G. Angel	3	25
Lawson	5	40	Prosperity	6	50

Satisfactory reference or C. O. D.
J. A. Budlong, 37-39 Randolph St., Chicago.

20,000 carnations, field-grown; our stock is very fine, large, clean and healthy. Per 100:

Morning Glory	$5	Flora Hill	$5
Apollo, red	6	Mrs. P. Palmer	6
Murphy's White	5	Glacier	6
Lillian Pond	6	Roosevelt	5
Queen Louise	6	America	5
F. Joost	5		

Evenden Bros., Williamsport, Pa.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink.	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Healthy field-grown carnations.

	100	1000
Flora Hill, extra fine	$3.00	$27.00
Thos. Cartledge, best prolific red	3.00	27.00
America	3.00	27.00
Joost	3.00	27.00
Tidal Wave	3.00	27.00

Dinstel Bros., 1056 No. 62d Ave., Chicago.

STRONG FIELD-GROWN CARNATIONS.

1,000 Enchantress	$8.00 per 100
3,000 Morning Glory	5.00 per 100
1,000 Lawson	5.00 per 100
500 Estelle	5.00 per 100
500 Glacier	4.00 per 100

Cash With Order.
ELI CROSS, Grand Rapids, Mich.

A1 carnations, 10,000 plants, no disease.

	Per 100		Per 100
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

Choice field-grown carnations. We find Joost the most profitable pink. Our stock is excellent.

	100	1000		100	1000
Wolcott	$5.00	$45	Palmer	$4.00	$35
Joost	4.00	35	Glacier	4.00	35
McKinley	3.00	25			

A. C. Canfield, Springfield, Ill.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	3.50	30	Higinbotham	4.00	35
Hill	3.50	30	W. Cloud	4.00	35
Q. Louise	4.00	35	Peru	4.00	35
Lord	4.00	35	Joost	4.00	35
Estelle, red.	5.00	45	Peru	4.00	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

Field-grown carnations, 2500 extra heavy plants of a seedling from Lawson, now in third year. Color clear cerise pink, never bursting calyx, free blooming, size equal to Lawson. Well worth a trial by everyone. Price, while they last, $5.00 100, cash.
Charles Potter, West Boylston, Mass.

CARNATIONS—Continued.

Fine well-grown carnation plants. Queen Louise. Hill, Crane, $5.00 100. Joost, $4.00 100. 200 Floriana and 200 Dorothy, $5.00 100. McGowan, $25.00 1000. These plants are free from stem-rot and as represented or money will be refunded. Cash with order.
E. C. Marshall, Kennett Square, Pa.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You'll not regret it.
W. E. Hall, Clyde, O.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

10,000 field-grown carnations, clean, stocky plants.

Lawson	$6.00	Marquis	$5.00
Wolcott	6.00	Roosevelt	6.00
Queen Louise	6.00	Uncle Walter	5.00
Flora Hill	5.00	Peach Blow	5.00

BUTZ BROTHERS, New Castle, Pa.

Field-grown carnation plants.

8000 Lawson	2000 Morning Glory
5000 Gov. Wolcott	2000 White Cloud
2000 Norway	500 Prosperity

5 cents each.
All plants guaranteed first-class.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Field-grown carnations, fine, healthy stock. Following varieties offered at $50.00 for the lot. Cash with order. 310 Bradt, 320 Lawson, 45 Prosperity, 50 Hill, 58 Marie Wood, 54 Lord, 40 Scott, 46 Melba, 36 Gomez, 27 Crane, 128 Maceo. John Schuster, New Canaan, Conn.

Carnations, strong, healthy, field-grown, $5.00 per 100. Prosperity, Joost, Q. Louise, F. Hill, Marquis, McGowan, Daybreak, Wm. Scott, Cressbrook, Crocker, Maceo, Norway. Cash or satisfactory reference.
J. J. Arnold, Homer, N. Y.

Carnation plants. Ethel Crocker, large, 1st size, $4.50 per 100; $40.00 per 1000. Eldorado, large, 1st size, $4.50 per 100; $40.00 per 1000. Mrs. Joost, 2d size, short and bushy, $8.00 per 1000.
Lakeview Rose Gardens, Jamestown, N. Y.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Carnations. To close out quick, for cash, Lawson, Gomez, Daybreak, Perfection, M. Glory, America, Hill, Crane, $3.50 per 100; $30.00 per 1000; mixed varieties, $2.50 per 100; $20.00 per 1000.
W. H. Watson, Son & Co., Lapeer, Mich.

Carnations, field-grown, strong and healthy. Per 100:

Gov. Wolcott	$6.00	Lawson	$6.00
Goodenough	5.00	Elma	6.00
Boston Market	6.00	Maceo	5.00

Sidney Littlefield, North Abington, Mass.

Carnations. Extra strong, field-grown plants of the following varieties, ready for immediate planting: Enchantress, $10.00 per 100. Lawson, $6.00 per 100. Crane, Guardian Angel and Queen Louise, $5.00 per 100.
Chris. Hansen, St. Paul, Minn.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Carnations. 5000 Freedom, a good all-round white, $5.00 per 100; $40.00 per 1000. 3000 Joost, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. Also Lawson, M. Glory, Estelle, Mondell, $6.00 per 100.
C. E. Allen, Brattleboro, Vt.

Field-grown carnation plants. 3100 Harlowarden, 100 Estelle, 400 Palmer, 200 Lawson, $4.00 per 100; 1500 Higinbotham, 1600 Norway, $3.50 per 100; 425 Lady Bountiful (new), $8.00 per 100.
Frank Fischer, Box 82, Blue Island, Ill.

Large, healthy field-grown plants of Morning Glory, Joost and Crocker, $4.00 100; $35.00 1000. Good, bushy plants of Lawson, Joost and Crocker from 3 to 4-inch pots, $4.00 100. Cash.
G. Hanson, 1025 S. Cameron St., Harrisburg, Pa.

Field-grown carnation plants. 5000 Flora Hill, 1000 Norway, 2000 Maceo left, which we will guarantee and will pay express on the order of 1000 plants at $3.00 per 100 or $25.00 per 1000 for cash. Arlin & Arlin, Clyde, Ohio.

Carnation MOONLIGHT.
Fine plants, $10.00 per 100.
JOHN HARTJE, 3129 No. Illinois St.,
INDIANAPOLIS, IND.

Healthy, field-grown carnations, Joost, Flora Hill and Queen Louise, to close, $5.00 per 100. Cash, please. H. M. Totman, Randolph, Vt.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Carnations, 2000 Flora Hill, 2000 Queen Louise; will sell cheap to close out. Write for prices. Limestone land, no stem-rot. U. S., Wells Fargo and American Express.
W. Sabransky, Kenton, Ohio.

Extra fine field-grown carnations. Joost, $4.00 per 100; $35.00 per 1000. Cressbrook, McGowan and Marquis, $4.00 per 100. Prosperity, $5.00 per 100. Cash please.
Tong & Weeks, Ashtabula, Ohio.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $8.00 per 100; $75.00 per 1000. 1000 Gov. Wolcott, $6.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations, surplus stock, fine healthy plants. 500 Joost, 500 Marquis, 500 White Cloud, 500 Guardian Angel at $4.00 per 100. 500 Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, $2.50 per 100; $20.00 per 1000. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Field-grown carnation plants. Enchantress, Lawson, Fair Maid, The Queen, $6.00 per 100; $50.00 per 1000. White Cloud, Murphy's White, Joost, $5.00 per 100; $40.00 per 1000.
H. F. Littlefield, Worcester, Mass.

10,000 carnation plants, 20 different varieties, including some of the very best, at lowest prices. Must be closed out to make room for building lots.
Geo. H. Ford, 27 E. 21st St., New York.

250 1st size Joost	$5.00 per 100
750 2nd size Joost	4.00 per 100
100 White Cloud	5.00 per 100

The lot for $40.00.
South Bend Floral Co., South Bend, Ind.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

Carnations, field-grown. Norway, Marquis, Joost, Roosevelt, M. Glory, Apollo, Estelle, Palmer, Bradt, Higinbotham, Whitney, Alba, Stella, $5.00 100.
Joseph Heinl & Sons, Jacksonville, Ill.

Carnations, fine, healthy plants. 5000 Joost, 1200 Q. Louise, 150 L. Pond, 175 Dorothy, 100 Prosperity at 4c. Scott and Fisher, 3½c.
W. H. Vance, Wilmington, Del.

Carnations, strong field-grown, healthy plants. Enchantress, $8.00 and $6.00 per 100. Lawson and Boston Market, $6.00 and $5.00 per 100. Cash. Chas. H. Green, Spencer, Mass.

Field-grown carnation plants. Fine lot of Joost, slightly mixed with Scott, 3c; 125 Prosperity, 4c; 50 Gomez, 3c; Scott, 3c. Cash with order. H. M. Woundy, New Canaan, Conn.

Carnation plants. 240 Kitty Clover, 100 Pink Sport of Pixley, nicer than Lawson, 50 Fire Fly, 85 White Cloud, 90 mixed, all good plants, 3c; lot for $15.00. David N. Rehr, Lehighton, Pa.

Carnations, field-grown, nice size to plant. Enchantress, $10.00 per 100; B. Market, $6.00; Wolcott, $5.00; Lawson, $5.00 100; $40.000 1000. S. T. Danley, Macomb, Ill.

Extra large field-grown carnation plants. Gov. Wolcott, Her Majesty, Marian, White Cloud, Floriana, $5.00 per 100; $45.00 per 1000. S. J. Reuter, Westerly, R. I.

1000 medium Lawson, $30.00; 2000 Norway, $3.50 100, $30.00 1000; 200 Crane, 2½c; 250 Lorna, 3½c; 50 Wolcott, 3c; 50 Roosevelt, 3c. Good stock. Kring Bros., Fairbury, Ill.

Surplus carnations, no stem-rot. Lawson, Enchantress, Crocker, Joost, Apollo, Harlowarden, M. Field, Eldorado and Prosperity.
U. S. Cut Flower Co., Elmira, N. Y.

Carnations. Fine large, healthy plants. 400 Crocker, 100 Joost, 100 Fair Maid, 100 Daybreak, 3c each. 500 Boston Market, 5c.
Riverside Greenhouses, Gardner, Mass.

Carnations, field-grown, well-grown, healthy. Guardian Angel, Morning Glory, $4.00 100; $35.00 1000. Satisfaction guaranteed.
A. B. Davis & Son, Purcellville, Va.

Carnations, strong field plants, 12,000 Lawson, $50.00 per 1000; 10,000 White Cloud and 10,000 Flora Hill, $45.00 per 1000.
Weiland & Risch, 59 Wabash Ave., Chicago.

Field-grown carnations. Large, strong, healthy plants. Lawson, $5.00 100, $40.00 1000; Flora Hill, $4.00 100, $30.00 1000. Cash with order. Olaf E. Sandberg, Peterson Ave., near Robey St., Chicago.

Field-grown carnations. Extra strong, healthy plants. Queen, B. Market, Fair Maid, $6.00 100; $50.00 1000. Eldorado, Harlowarden, $5.00 100; $40.00 1000. Enchantress, $6.00 100.
Backer & Co., Billerica, Mass.

INDIANAPOLIS, the best pink carnation introduced. We shall have about 5000 fine field-grown plants to sell this fall at $12.00 per 100, $100.00 per 1000. First come, first served.
Baur & Smith, 830 W. 38th St., Indianapolis.

Field-grown carnations. Per 100:

Enchantress	$7.00	Mrs. Joost	$3.50
Mrs. Lawson	5.00	G. Angel	3.50
G. Wolcott	6.00	Q. Louise	3.50

N. C. Moore & Co., Morton Grove, Ill.

Carnations, field-grown. 1000 Guardian Angel, 1000 Joost, 2000 Lord, 2000 Marquis, good stock, $4.00 per 100; $35.00 per 1000.
B. Hasslebring, Flint, Mich.

Carnations. 200 good, strong E. A. Nelson, $4.00 100; 100 Morning Glory, $3.00 100; 200 T. W. Lawson, 2nd size, $3.00 100.
Harry White, North Manchester, Ind.

Carnations, strong, healthy field plants. Joost, Marquis, $3.00 100; $30.00 1000. Prosperity, $3.50 100; $30.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Field-grown carnations, healthy and stocky. Prosperity, Joost and Hill, $5.00 per 100; $45.00 per 1000.
T. B. Stroup, New Philadelphia, Ohio.

Carnations. Extra strong, healthy plants, America, Joost, Tidal Wave, $3.00 per 100; $25.00 per 1000.
Henry Hansen, 1064 N. 62nd Ave., Chicago.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

100,000 field carnation plants. 1st size, $7.00, 2nd size, $5.00 per 100. See display adv. for list of varieties.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

5000 Mrs. Joost carnations. Fine, field-grown, good clean plants, $40.00 per 1000.
Harry F. Evans, Rowlandsville, Station F, Philadelphia, Pa.

Field-grown carnations, Flora Hill, Peru, White Cloud, Queen Louise, $4.50 100. Lawson, $5.00 100. Scharff Bros., Van Wert, O.

Carnations, field-grown. Mrs. Joost, G. Angel, Fisher, McGowan, Glacier, Norway, Crane, etc. Write Geo. A. Kuhl, Pekin, Ill.

Carnations. Healthy plants, free from disease. Enchantress, 8c; Estelle, 6c; Prosperity, 5c. D. R. Herron, Olean, N. Y.

Fine, stocky plants of Queen Louise, Mrs. Nelson, Prosperity and Eldorado, $5.00 100, cash. John Coombs, Hartford, Conn.

400 Prosperity, 400 Joost, 75 Sybil, 100 Mrs. Roosevelt, $4.00 per 100; Estelle, $5.00 per 100. Carl Rauth, Springfield, Ill.

Carnations. Boston Market, $5.00 100; Fair Maid, Foster and Joost, $4.00 100. Strong.
Otto H. Bourdy, Lowell, Mass.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

Carnations Lawson, Louise, Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 8c.
W. W. Coles, Kokomo, Ind.

Extra fine, field-grown carnations. Queen Louise, $5.00 100; Norway, $4.00. Cash.
Central Greenhouses, Sandusky, Ohio.

Gov. Wolcott and Fair Maid, strong and bushy field-grown plants, $6.00 100; $50.00 1000.
Henry A. Stevens Co., Dedham, Mass.

Surplus stock. 4000 Crocker No. 1 field-grown plants, $4.00 100; $35.00 1000.
J. W. Dudley & Son, Parkersburg, W. Va.

Very near 2000 fine field-grown carnations. Crane and Evanston, for $40.00, cash.
Sibley Greenhouses, Sibley Ill.

Strong, bushy plants, Wolcott, $4.00 per 100; Lord, $3.00 per 100. Cash.
Chas. Wiffin, Des Plaines, Ill.

Carnations, Joost, Armazindy, very strong, $5.00 100; $45.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Carnations. 1000 Fair Maids and 500 Gov. Wolcott, $5.00 per 100.
A. Batley & Son, Maynard, Mass.

1000 Ethel Crocker, large, healthy plants, $3.50 100. Cash.
Richard Coombs, West Hartford, Conn.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

Carnation plants, first-class stock.
1000 Norway .....$4.00 per 100
2000 Mrs. Ine ..... 4.00 per 100
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Field-grown carnations. Write for varieties and prices to
Crabb & Hunter, Grand Rapids, Mich.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Queen Louise carnations, $5.00 100; $40.00 1000. Cash. Bool Floral Co., Ithaca, N. Y.

1000 extra fine Frances Joost carnations, $5.00 per 100. Walter A. Temple, Westboro, Mass.

Carnations, field-grown, strong. Lawson, $4.00 100. E. Knabe, Frankfort, Ind.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS suitable to bench for late flowers. Varieties and prices on application. Nathan Smith & Son, Adrian, Mich.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son., White Marsh, Md.

2½-in. mums, $18.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias in 2 and 3-in. pots. Write
Geo. A. Kuhl, Pekin, Ill.

Cinerarias, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Send in your order now for a copy of the Florists' Manual.

COLEUS.

Verschaffeltii, G. Bedder, strong R. C., 50c 100. Cash. Order quick. A. Brumley, Birmingham, Iowa.

Coleus, finest mixed, 2-in., $1.00 per 100. Write quick to Hammerschmidt & Clark, Medina, Ohio.

1500 coleus, 2-inch, 75c 100, cash.
H. Rossiter, Lexington Ave., Jersey City, N. J.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, the true long-leaf variety; stems running from ½ lb. to 6 lbs., $7.50 per 100 lbs., $60.00 per 1000 lbs.
F. W. O. Schmitz, Prince Bay, N. Y.

Cycas revoluta, 8 to 10 leaves, 75c each; 10 to 12 leaves, $1.00 each; 12 to 15 leaves, $1.50 each. Storrs & Harrison Co., Painesville, Ohio.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cycas revoluta, all sizes, from 35c to $1.00 each. A. Mirring, East St. Louis, Ill.

CYCLAMEN.

Cyclamen giganteum, fine strain, 4-in. pots, $8.00 per 100, while they last. Thaddeus N. Yates & Co., 7356 Germantown Ave., Philadelphia, Pa.

Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors.
C. Winterich, Defiance, Ohio.

Cyclamen. Best mixed strain, 3-in., $9.00 100; 2½-in., $6.00 100. Cash.
John Doughty, Kimberly Ave., New Haven, Conn.

Cyclamen giganteum, large flowering, 4-in., $10.00 100; 5-in., $15.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong, 4-in. pots, $10.00 100.
G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen gig., mixed, strong 2½-in., $4.00 100. John F. Rupp, Shiremanstown, Pa.

Cyclamen in 3-in., ready for shift, $7.00 per 100. Cash with order. O. L. Baird, Dixon, Ill.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

DAHLIAS.

Dahlia roots. List and prices sent on application.
R. Vincent, Jr. & Son, White Marsh, Md.

DAISIES.

NOW READY—Genuine Burbank's California Shasta daisies, guaranteed true to name. Strong, well rooted plants, grown from cuttings. While they last, $5.00 per 100, delivered anywhere in the U. S. Positively cash with order. S. W. Marshall & Son, Fresno, Cal.

Double daisies Longfellow and Snowball, $2.50 per 1000; 50c per 100 by mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Daisies, double English white and pink, best kinds, large plants, $2.50 per 1000.
G. R. Clark, Scranton, Pa.

Giant white daisies, strong, 3-inch, $5.00 100. Phila. Wholesale Mkt., 1235 Filbert, Phila.

DELPHINIUMS.

Delphinium formosum, large plants, $5.00 per 100; small plants, $3.00 per 100.
G. R. Clark, Scranton, Pa.

DIGITALIS.

Digitalis gloxiniaeflora, $3.00 per 100.
G. R. Clark, Scranton, Pa.

DRACÆNAS.

Dracaena indivisa, field-grown, 2-year, fine, $2.50 per doz.; $20.00 per 100. Cash or approved credit.
E. & C. Woodman, Danvers, Mass.

EPIPHYLLUMS.

Epiphyllum truncatum, E. makoyanum, 1, 2 and 3-yr. crowns, $20.00, $30.00, $40.00.
A. Mirring, East St. Louis, Ill.

EUPHORBIAS.

Euphorbia Jacquinifolia, 3-in., $8.00 100; 4-in., $12.00 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS.

30,000 Boston ferns ready for delivery; nice young plants, $15.00 per 1000.

Nephrodium patens, $2.00 per 100. N. amplum, a nice tree fern, good 3-inch pots, 25c each.

Acrostichum lomarioides, fine plants, $4.00 per 100.

Asplenium myriophyllum, beautiful little lace fern, $4.00 100. A. serratum, somewhat resembling the birds' nest fern, rare, 25c to 75c each.

Tecteria trifoliata, rarely in cultivation, 25c each, $20.00 per 100. Send P. O. order on Little River, Fla. Send for catalogue out next month. Soar Bros., Little River, Fla.

FERNS OUR SPECIALTY.
Assorted ferns for jardinieres, good varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

Fresh fern spores gathered from our own stock and guaranteed good, 35c per trade packet; 12 packets for $4.00.
Mention FLORISTS' REVIEW when writing.
ANDERSON & CHRISTENSEN, Short Hills, N.J.

NEPHROLEPIS SCOTTII. Plants from bench ready for 4-in. pots, $4.00 doz.; $25.00 100; $200.00 1000; 5-in., $5.00 doz.; $35.00 100; 6-in., $9.00 doz.; $60.00 100; 6-in. pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

PIERSON FERNS.
Strong rooted runners.....$3.00 per 100
Strong 2½-in pots..... 5.00 per 100
Strong 3-inch pots..... 8.00 per 100
ANNA FOSTER FERNS.
Strong rooted runners..... 3.00 per 100
Baur Floral Co., Erie, Pa.

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2 year, 6 to 10 "	24 to 36 "	
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York.
Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

REMEDIES FOR RED SPIDER.

The Gardeners' Magazine, London, gives the following formulæ for red spider:

As mixtures for spraying: (1) Boil six ounces of black soap in one quart of water for fifteen minutes, then add four ounces of white soap in powder, and boil for fifteen minutes. Next pour a quart of paraffin into a pail, add the above, and stir thoroughly. This "stock" might be allowed to stand for a day or two, being stirred or churned every now and then until a thick buttery mass has resulted. For use dilute with water according to the strength of the plants to be treated, thus: One part of the stock to ten parts of water for strong plants, one to fifteen for not so strong plants, and one to thirty-five for tender plants. It is safer to syringe afterwards with cold water.

(2) A mixture of infusion of quassia chips and tobacco juice is also fairly satisfactory, but whatever spraying mixture is used—and a good douching with soap and water is often satisfactory—care must be taken that the application is thorough, and that the under sides of the leaves are not neglected.

Sulphur mixed with water, so that it can be painted on the hot water pipes, is often used in conservatories. In this use of sulphur care must be taken to maintain a proper moisture in the greenhouse. Apart from the danger of this treatment, if the atmosphere be dry, one of the great causes of the prevalence and multiplication of red spider is overheating and over-dryness. Where "forcing" has to be done, and the temperature is therefore high, attention must be paid to keeping a moist atmosphere.

A PARK MAN'S VIEW.

Theodore Wirth, of the park department of Hartford, Conn., in his report of trade conditions as state vice-president of the S. A. F., writes as follows:

"The cultivation of the taste for flowers and decorations has become universal. It most decidedly has, and I am bold enough to state that the tendency of the public in that direction is greatly due to the influence exercised on same through the floral displays in up-to-date public parks and private grounds, and claim that but a small percentage of the commercial florists of to-day, both growers and dealers, are prepared to take advantage of the demand stimulated and created through same to their benefit. I do not say that the floral decorations in our public parks and progressive private grounds here are better than elsewhere, but I know that our local commercial florists are not up to the demand, which those displays create among the public.

"Hundreds of visitors to our parks want to know where they can procure that or the other plant, all easily grown and adapted to our climate, and when they are given the addresses of our florists they come back and say that those florists don't grow them and don't know them.

"Out of 200 different varieties of bedding plants used in the making up of flower beds, borders, old-fashioned gardens, etc., used in up-to-date places of horticultural interest, florists are not able to supply, as a rule, more than twenty to thirty varieties and those often only in stock of olden times, run out through propagation from year to year; the same old story, over and over again.

"If the local florists would aim to keep step with the times by growing such novelties as are proven to be meritorious introductions and which the public want, they would to their own advantage secure their home trade in place of forcing same into the hands of the unscrupulous, swindling, fake drummers, that go around the country collecting good money for false, worthless goods. The demand for ornamental plants for the decoration of home grounds, for summer and the year around, is growing in the same proportion as are all other industries in this glorious country. It calls for the breaking and cultivating of thousands of acres of ground, and the employment of hundreds of industrious hands, and the young members of our craft should look out to produce at home all that can be produced to fill the demand of the home trade. It can be done and should be done."

RETURNING CONDENSATION.

We have four houses, 32x157, attached, with solid beds, steam pipes 1-inch and 1¼-inch on the side walls. Then at right angles and overlapping one end are three houses 20x111. At a little distance is another house and still further on two more detached houses of the same dimensions, and on a line with the rest. The boiler shed is in the right angle where the two ranges overlap. The boiler is underground but I want to raise it to the ground level and add another to it. At present the water is trapped back but it does not return satisfactorily from the farthest houses, although there are six feet drop in 300 feet. The flow is 2½-inch and the return 1½-inch, with pet cocks on all pipes. What is the matter with the return? How would you locate the boilers? S. J. P.

The present location for the boilers is probably as good as any. Wherever possible to place boilers low enough below returns to secure the return of the water by gravity, the working of the system will be more satisfactory. If the boilers must be placed above ground, the condensation can be drawn from the pipes into a hot well and returned to the boilers by means of a small steam pump driven by a small boiler carrying fifty or sixty pounds pressure. The exhaust steam from this pump can be utilized for heating a small house or potting shed and the condensed water allowed to waste, as it would not be permissible to discharge it into the general heating system on account of the oil from the pump. If a pump is undesirable, the water can be returned to the boilers by means of traps, but they are more or less unreliable. The failure of the water to return from the detached houses is due, partially at least, to the friction of steam and water in the long lines of pipe. Increase the size of the pipes, grading the pipes carefully to avoid pockets, also avoid the use of check valves, and the water will return more freely. L. C. C.

Sedalia, Mo.—Gelven & Son have engaged Charles Duerr, formerly in business near Chicago, to take charge of their growing department.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

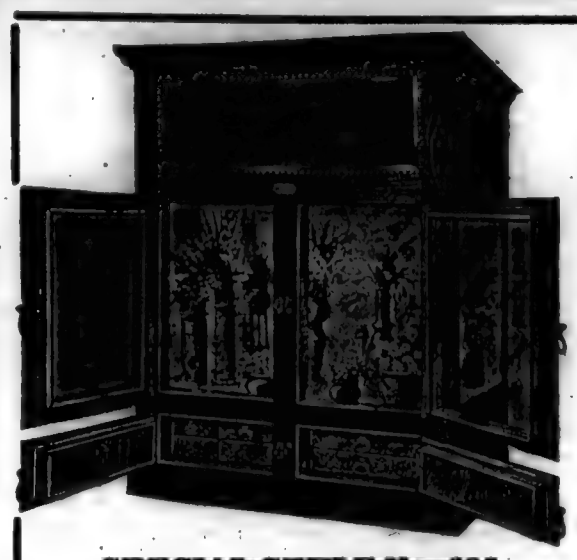
Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3 50 each; 10-in. pans, $5 each.

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THE BUG KILLER
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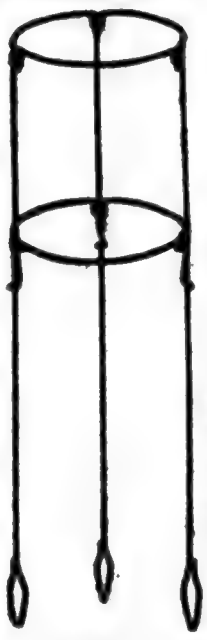
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5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5¼ to 6 in. pots, bushy plants, 17 to 19 in high, 3 to 4 to 5 tiers, 75c. 6 in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.
Great bargain in Kentia Palms—4 000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12 00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made up plants 20c.
Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1 00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1 50 each.
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Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-inch specimens, 75c.
Piersoni Ferns—5, 5½ to 6-inch, 30c, 40c to 50c.
Areca Lutescens—Made-up plants large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 80 in. high, 3 in a pot, 75c.
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Ferns—For fern dishes, mixed, 2½-in., 4c.
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Endorsed by all the leading carnation growers as the best support on the market.
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Awarded Certificate of Merit by the S. A. F. and O. H.



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From Chas. Hewitt, Westchester, N.Y.—Your Wire Tendrils have given great satisfaction. We shall need more next season.
From Gross Floral Co., St. Louis, Mo.—Your Wire Tendrils have given perfect satisfaction and shall order more as soon as needed.
Sample package of 100 Tendrils, by mail, 60c prepaid.
Prices on Stakes and Tendrils on application.
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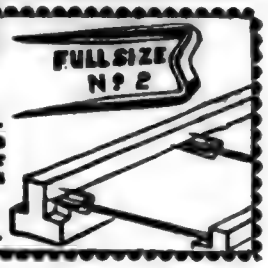
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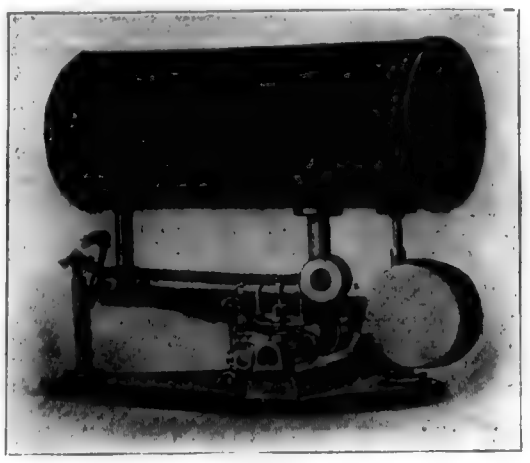
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When once set up it requires no attention.

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Before ordering elsewhere get our prices. We save you money.

PIPE—New, at lowest price. 2nd hand, ⅜ to 1¼ in., 4c. ft.; 1½ to 2-in., 6c; 2½ to 3-in., 8c; 4-in., 10c.

BOILERS—2nd hand; good, serviceable standard, steam or hot water. $40.00 up.

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Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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Size	Per 100	Size	Per 100
3x 4x20	$2.00	6x12x24	$5.25
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Samples free. Prompt shipment.
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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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Over six miles in use and highly recommended by all. The only **Drip Proof** gutter on the market.

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It has no equals for simplicity or its working. Catalogue free.

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The best, strongest and neatest folding cut flower box ever made. **Cheap, durable.** To try them once is to use them always.

Size No. 0	3x4 x20	$2.00	per 100;	$19.00 per 1000
" No. 1	3x4½x16	1.90	"	17.50 "
" No. 2	3x6x18	2.00	"	19.00 "
" No. 3	4x8x18	2.50	"	23.00 "
" No 4	3x5x24	2.75	"	26.00 "
" No. 5	4x8x22	3.00	"	28.50 "
" No. 6	4x8x28	3.75	"	36.00 "
" No. 7	6x16x20	5.50	"	54.00 "
" No. 8	3x7x21	3.00	"	28.50 "
" No. 9	5x10x35	6.50	"	62.00 "
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Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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BALTIMORE.

Business continues to improve, but we still hear some complaints. The growers are mostly ahead of last year in the amount of production and the increase in supply is more than the increase in demand; therefore, with better business, we still have a greater surplus on the whole than the corresponding time last year.

A wind and rain storm approaching a cyclone visited this section last Wednesday and did much damage to outdoor stock. Maman Cochet roses were done up baldly, but they seem to have revived and again they are coming in quantity and of good quality. This rose is largely depended on here for the summer months. It could well be dispensed with now, as good stock of most all kinds is being cut from the houses. Maids, Gates, Kaiserins, Meteors, Cardinals and Brides go at $3 to $4 per 100 for best stock, shorts at $2 per 100. Cochets bring $1.50 to $2.50 per 100, Perles $2 to $3. Carnations, outside, 60 cents to $1 per 100; inside carnations, 75 cents to $1.25.

C. Akehurst & Son are sending in some fine Flora Hill and Genevieve Lord.

Dahlias were damaged somewhat by the recent storm, but are all right again. The better varieties move fairly well. Asters are about over, J. E. Bartell being about the only one to hold out this late. He still has a fine patch which are readily sold on arrival at the Exchange.

Mac Richmond, late foreman for Halliday Bros., has accepted a position in the Agricultural Department at Washington. Before leaving he was tendered a banquet by his friends and members of the Gardeners' Club, at which time he was presented with a fine carving set, also a handsome gold watch from his late employers. Mr. Richmond has the well wishes of the entire craft. A. F.

Centralia, Ill.—A. W. Webster is remodeling his greenhouse and putting in an ornamental tile street front.

Galesburg, Ill.—E. R. Gesler, of Gesler & Drury, has gone to Pecos Valley, New Mexico, to look up the prospect of running a nursery business. Mr. Gesler suffers from rose fever and expects to permanently locate in the valley. H. F. Drury will continue the business here. This firm has 42,000 square feet of glass and has one of the best equipped plants in the state.

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Dealers in all kinds of
HEMLOCK and PINE
..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.
ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.
Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.
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Booklet and free sample on request.
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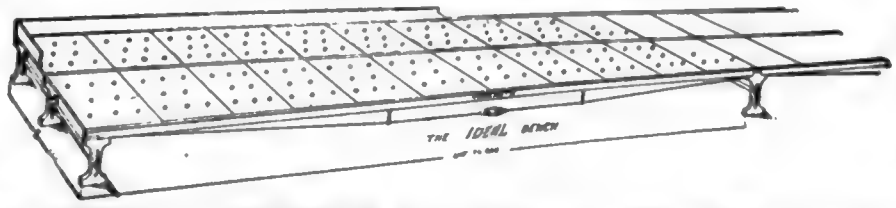
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Composition Gutters, (Patented.) 35c per foot.
Freight paid where it does not exceed 30c per 100 lbs.
THEY ARE INDESTRUCTIBLE.
THEY WILL NOT ROT OR RUST.
YOU CAN DRIVE NAILS IN THEM.
These Posts and Gutters combine all the good qualities of iron and wood.
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Patent Iron Bench Fittings and Roof Supports.
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80c per square foot complete.
Send for estimates.
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THE BLACK STUFF FINE For Sprinkling Only.
WHEN you cannot fumigate with our Fumigating Powder you can apply our Black Stuff Fine direct to the plants; it is strong and equally effective in doors or out for extermination of all plant pests. Your money back if it is unsatisfactory. Trial 5-pound package for nothing if you will pay the express charges on it. Write Dept. D. THE H. A. STOOTHOFF CO., 116, 117, 118 West Street, New York.

HITCHINGS & CO.
233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING
VENTILATING APPARATUS
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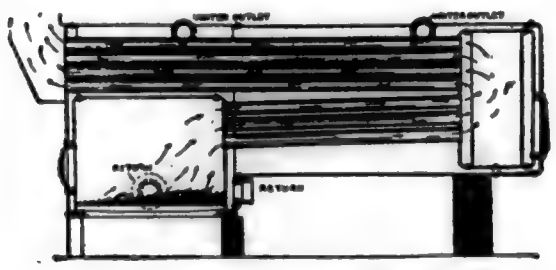
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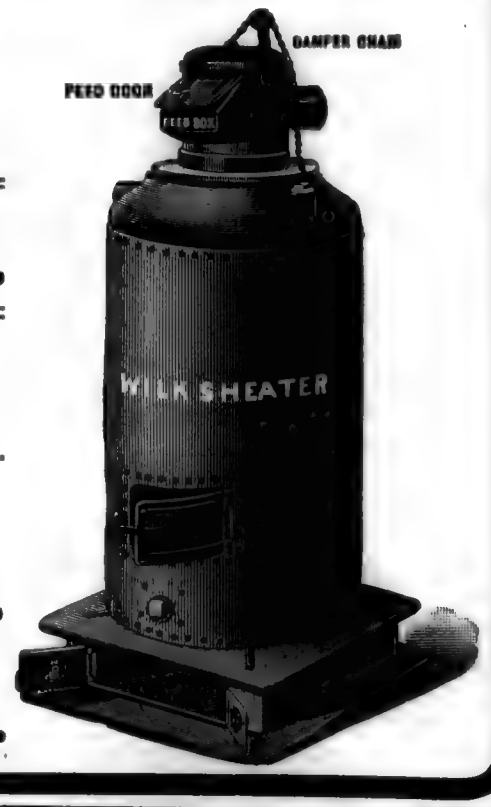
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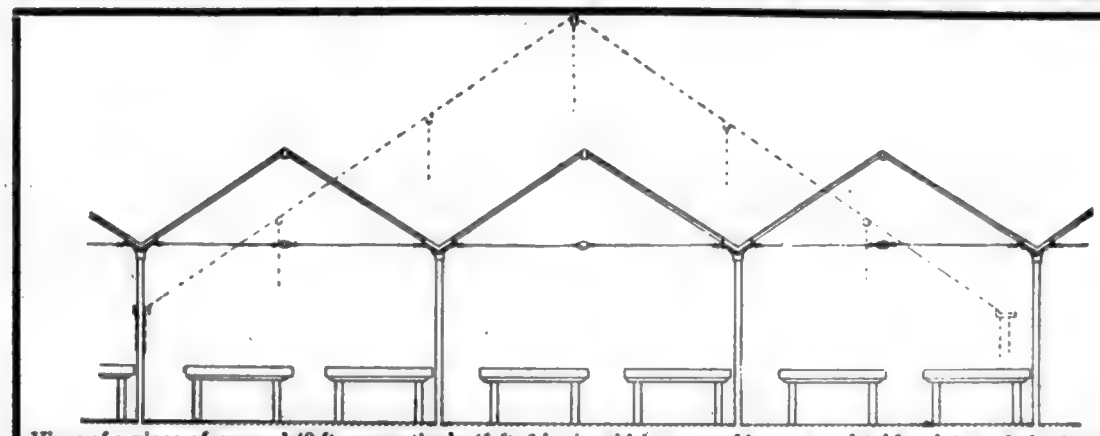
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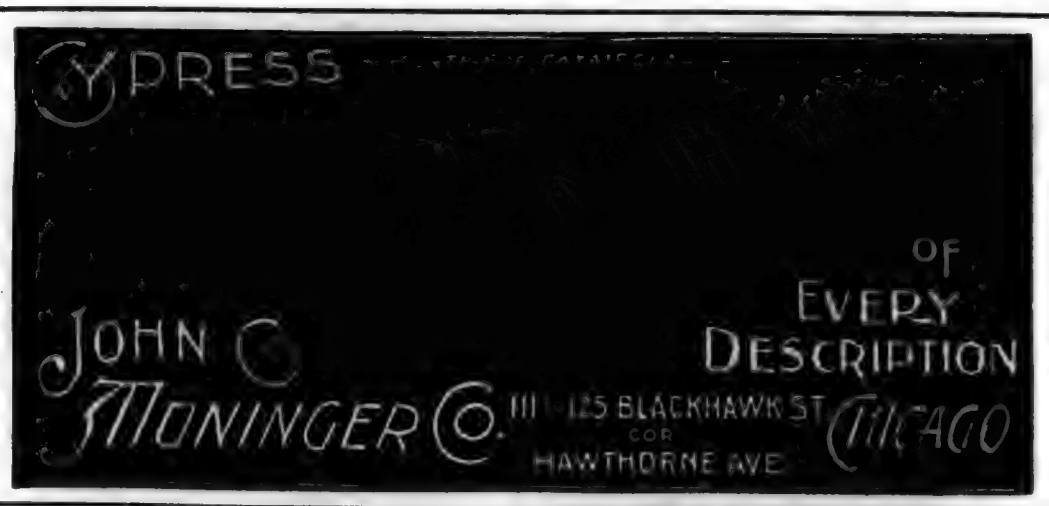




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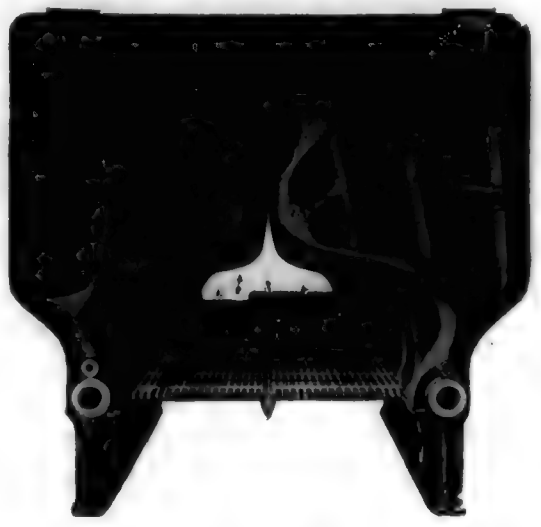
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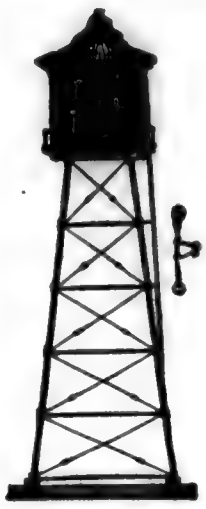
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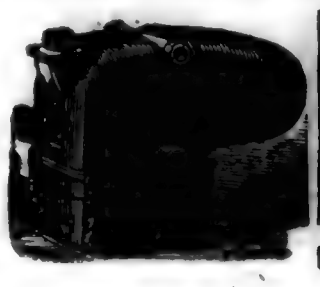
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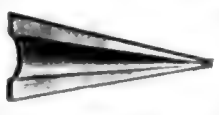
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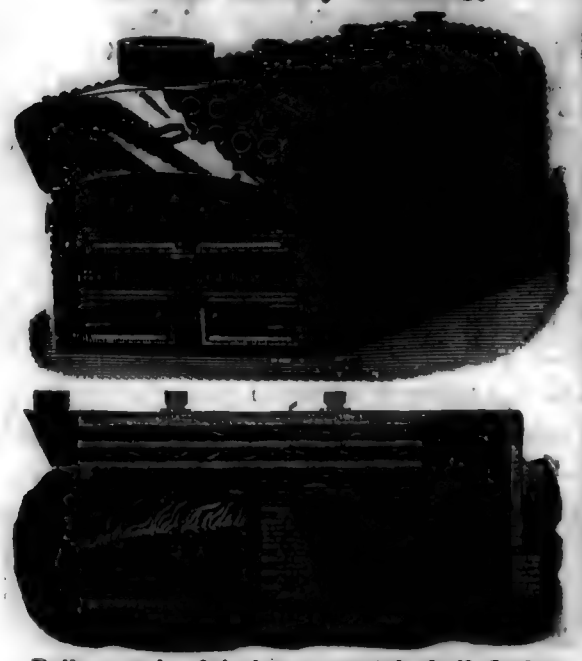
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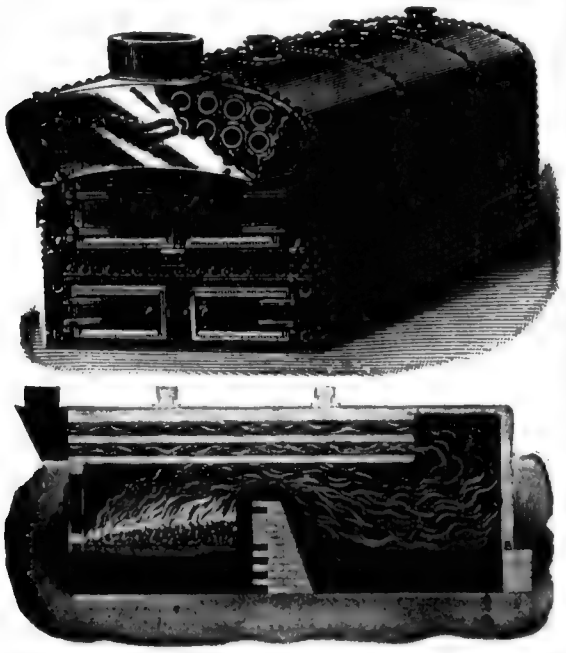
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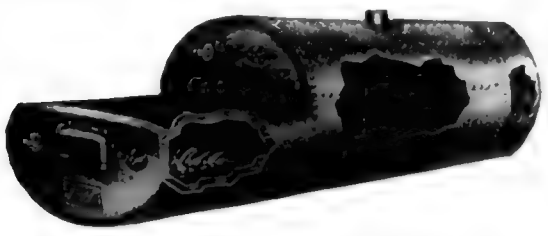
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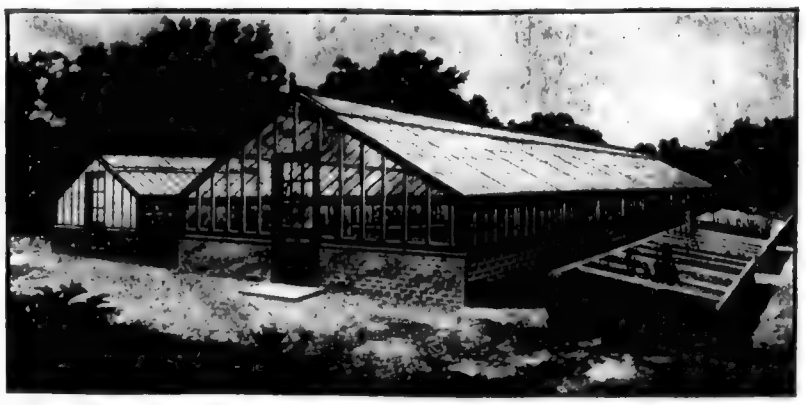
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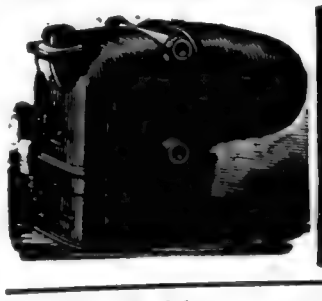
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Vol. XIV. CHICAGO AND NEW YORK, SEPTEMBER 29, 1904. No. 357.

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SEE PAGE 907

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MISCELLANEOUS SEASONABLE HINTS.

Freshly Imported Azaleas.

Last week I had something to say about azaleas that had been summered over. The new importations will soon be arriving. They are almost all grown in beds in the open ground in Europe and, what with their wonderful preparation of soil and splendid care, they arrive here with large clumps of roots, larger than we can conveniently get into a proper size of pot and look well. For instance, a plant with a head fifteen inches in diameter would look overpotted in anything larger than a 7-inch, but you can, with a big, sharp knife or hatchet, reduce the ball of roots considerably without doing any harm to the plant and you can do this with all sizes, so that they will go into pots that will be in suitable proportion to the plant.

Frequently the ball of roots will be found quite dry when the case is opened, although we must admit they are always excellently packed, whether they are dry or not. After you have trimmed the roots, dip the ball in a tub of water for a few seconds or until it is thoroughly wet through. Then pot firmly. As there is little room between the ball of roots and the side of the pot, there is a good excuse to use a blunt stick to firm the new soil.

A light loam for one half and the other half leaf-mold is as good a compost as you can give these finely rooted plants. If you use any manure, let it be thoroughly decayed. I have seen azaleas root very finely into well rotted refuse hops, but they will do very little rooting, whatever you give them, for some months. Put them in a cool house and syringe occasionally for the first week or two.

Moving Herbaceous Plants.

The coming two or three weeks is an excellent time to transplant almost all our well-known herbaceous plants. As is often remarked, you can only get at an herbaceous border at the time of planting except with a top dressing, and therefore it cannot be too deeply dug or too heavily manured.

The herbaceous plants that are profitable to a commercial florist as cut flowers are very limited, but there is an ever increasing demand for them by our customers, particularly that class who have summer cottages on the lake or river shore or at the thousand and one summer retreats where our people of means very sensibly nowadays prefer to spend their summers.

All herbaceous plants, even if as hardy as a peony, should be protected with leaves, stable litter or evergreen boughs after winter sets in. They are not established and, if they were, we rob them of their natural protection, their own withered foliage and the leaves of the forest where, or near the margins of woods, most of them are native.

Easter Lilies.

The Bermuda bulbs that were received in July have come along nicely, developing less disease than formerly, but still they are not of that uniform quality we used to get a dozen years ago. As soon as they made a growth of a few inches in the cold frame they were removed to the houses in batches and by this time all are growing and on the road to flowering. The fact that these early forced bulbs spread their flowering time from the end of November until the end of January is no disadvantage to the grower, who only forces a thousand or two, for you want these indispensable blooms every day.

There is nothing to do from now on but give them a night temperature of 60 to 65 degrees and keep them free of their chief enemy, the common green aphis. When once the buds are visible the fly is easily kept down by fumigating, or, better still, by the slow-burning tobacco dust, which spreads plenty of nicotine through the house without the deleterious effects of dense, hot smoke which arises from burning tobacco stems. By the way, having used this method of burning the dust in two pie dishes in a rose range all last winter, we noticed not the slightest injury to the roses, while without a doubt the dense smoke from stems does injure the opening buds.

Some growers still depend on the Bermuda bulbs for Easter. Remember this great florists' day is very late next spring and the plants intended for Easter can remain in a cold frame for another six or seven weeks, but protected from heavy rains or hard frost.

The Japanese bulbs are again late in arriving. Perhaps the Marquis Oyama has most of the gardeners on the west of the Yalo. It is generally understood that the principal object in forcing the Japanese bulbs is to get them well rooted before bringing into the house. Therefore a cold frame is the place for them until at least the first of December, unless we get such an early and severe winter as the last. We have never found any trouble in getting the Japanese lilies into flower, even when Easter came in the first days of April. The coming spring you have three weeks more. Get them well rooted before any forcing is done and then they will endure and thrive in a good brisk heat. As you will have plenty of room on the benches by the time these lilies need bringing indoors, put them at once into the pot in which they are to flower.

Deciduous Trees and Shrubs.

After the first hard frost, or if that does not come, by the middle of October, the time has then arrived for planting deciduous trees and shrubs. Early spring may be the surest time, but we know how short that season often is. You need not wait for the dropping of the leaves. Pull them off. I don't recall any shrub that is really hardy in our northern states but what can be transplanted in the fall. If it is a great, big, overgrown shrub and in digging has lost most of its working roots, it may not survive and would not at any season.

The great majority of shrubs should not be over two to three feet high when planted for your customer. They will want something bigger, but your eloquence should convince them that it's better in every way to start with a small, compact shrub. If such are planted then you can defer any pruning until spring. They are pretty sure to be quite a little winter-killed and will need pruning then, whether killed back or not.

There are a few exceptions to fall planting and better left until spring. Among them are the althæas, the African tamarix and the Prunus Pissardi and, with us, most decidedly the hybrid perpetual roses, whether budded or on their own roots. This may not be good advice for those south of Philadelphia, but north of that the H. P. rose is only just hardy and runs an excellent chance of being killed root and branch if planted in the fall. I always say: "You had better defer planting the roses until spring. They will be no show or pleasure to you this winter and I may as well take the risk of losing them." That advice is always followed and the writer is no more a philanthropist than the rest of you.

You will be asked to plant some hedges this fall. Two shrubs you can plant with safety. They are Berberis Thunbergii and the English privet. In fact, the former you can plant, it seems, any day in the year that you can get a spade into the ground. The English privet is absolutely hardy in our most northern states. The California privet was cut to the ground all over the north last winter and cannot be recommended with safety, fast growing and beautiful though it is. WILLIAM SCOTT.

RED ANTS.

Can you advise us as to what we can use to exterminate the common red ant?
T. S. C.

We have never seen ants in the violet house where we used the hydrocyanic acid gas to kill the brown aphis. You may be afraid to use it, but if used according to formula published in the pages of the REVIEW last winter, it is harmless to any plant. Briefly it is this: One pint of water, one pint sulphuric acid and two and one-half ounces of cyanide of potassium (a deadly poison) and leave the ventilators shut all night. The above quantities are for every 2,000 cubic feet of air space in your house.

Granulated sugar with enough Paris green to only very slightly color the sugar is also used to give ants their last supper. Put it on chips and remove when you water or syringe. This is also a good mixture to destroy sow bugs. W. S.

ASTERS AND GLADIOLI.

I would like to know when to sow asters and gladioli for early spring inside flowering and what varieties of same to use. L. F. W.

For asters that are to be grown on

benches under glass sow early in February. In the writer's opinion there is not much profit in asters under glass, except for a very early crop. They can, with plenty of water, be grown just as fine outdoors and under glass in July and August it is hard work to keep the thrips off them. For several seasons it has been the late asters that paid. In August they are a drug. By the end of September they are fought over.

Of course L. F. W. meant plant gladioli, not sow them. There is not much gained by planting them on the benches before the middle of January because they won't start. W. S.

CARNATIONS

DISEASED PLANTS WANTED.

Ed. Review: Will you kindly insert in your carnation notes the fact that Prof. Hasselbring, Department of Botany, University of Chicago, Chicago, Ill., will be glad to have diseased carnation plants mailed to his address to enable him to study same for his paper which he will read before the American Carnation Society in January.

Jas. Hartshorne.

CARNATION NOTES.—EAST.

Various Diseases.

That most dreaded disease, stem-rot, was discussed last week but there are other ailments which, while not necessarily fatal, are of sufficient importance to demand attention, as they are a hindrance to the best development of the plant. If we are to bring out the capabilities of a variety and desire to propagate for another season, the healthier the plants, the greater the degree of success.

Rust is a disease which may crop out on almost any part of the plant but generally shows first on the lower leaves. When this affection first made its appearance in this country, much alarm was felt and many so-called remedies were tried but none has proved either a preventive or a cure. Unlike stem-rot, when a plant becomes affected, it is not beyond help but can be so handled as to eventually be a source of profit.

Rust being a constitutional disease makes it imperative that it be so treated. Local treatment is a help in preventing a spread of the disease but to reach the seat of trouble, the vigor of the plant must be brought to such a degree as to throw off or outgrow the disease.

Local treatment consists in removing all affected parts and burning them, afterwards dusting with grape dust and spraying with Bordeaux mixture or salt solution to destroy the many mites clinging to the foliage, awaiting a chance to enter.

These mites and germs of other diseases find an easy means of entrance in the punctures made by aphides and other insect enemies; hence the added importance of keeping the plants free from insect pests.

No effort should be spared to keep the plants growing vigorously. This may mean the addition of fertilizer, if the soil is partly exhausted or deficient in some element. Many times the addition of air-slaked lime is all that is needed to render the elements more available. The working in of the lime also lightens up the surface soil and admits air.

Extreme care should be used in watering and spraying, that the bluish bloom on the foliage may not be removed.

Other diseases to be commonly met are bacteriosis, common spot, fairy ring spot and fusarium leaf spot. Although different in nature, the effect of each is similar in appearance of affected foliage but, not being constitutional diseases, they are more easily overcome or guarded against.

The same treatment as recommended for rust, particularly the encouragement of vigorous growth, is advisable. The removal of affected leaves is important in all diseases. The work may be laborious but it is obvious that to leave this objectionable matter, teaming with fungous spores, to decay on the plants or soil, is only to invite further recurrence of the trouble. Geo. S. Osborn.

RUST.

What is the cause and cure of rust on carnations? J. V. L.

Not many years ago carnation growers dreaded the carnation rust even more than they did stem-rot, and under the prevailing methods of culture it was something to be dreaded. If a variety was disseminated which was known to have rust, it was sure to have a short career. We have learned to avoid it now, however, and we do not dread it as we used to. If a new variety has the earmarks of a good commercial sort, we would not think of letting a few spores of rust stand between us and the variety.

The one thing to bear in mind is that these spores will remain dormant as long as they are dry. That will tell you to diminish your syringing to just what is absolutely necessary to keep away red spider. Syringe only on bright days and then do it early in the day, so the plants will dry off before night. Do all you can to help the plants to make a strong, sturdy growth, so they will be able to fight off the disease. Do not allow any checks to occur at any time. In case of a damp, rainy spell, you can blow some air-slaked lime with a little sulphur mixed with it (about one-quarter its bulk) over the plants, just like you would on roses to stop mildew. If you have steam heat drop a pinch of sulphur on one of the pipes about every ten feet once each week. Don't make this too strong, though, else it will take the color out of the blooms, especially the pink ones. It is a good plan to have the ventilators open an inch or so, anyway

A. F. J. Baur.

FUNGICIDE FOR RUST.

Please let me know some good fungicide with which to spray carnations for rust, and how often? L. F. W.

I think it is agreed among expert carnation growers that fungicides or solutions of any kind had little to do with the almost total disappearance of rust. Bordeaux mixture was for years the supposed standard remedy. Other growers later have believed that salt and water was very efficacious. Perhaps it is, but the best antidote of all is the proper condition of the atmosphere and soil, and that I must leave to Mr. Baur or Mr. Osborn. By cleanliness, plenty of pure, fresh air and no spraying of the foliage after the first few days of planting, we have seen little if any rust for the last five or six years.

W. S.

CHRYSANTHEMUMS

FIRING AND VENTILATION.

Frost has occurred in many sections and some attention is necessary to keep the temperature from falling too low in the houses. The air should be reduced in the evenings and when the indications are for frost leave on only an inch or two of air and run a little heat through the house. Growers heating with steam have a big advantage in the early fall as a single line of heat turned on, while it will not raise the temperature to any appreciable extent, will still furnish enough live heat to keep a moving atmosphere in the house. If one has only 4-inch hot water pipes it will take more firing to produce the desired result and the additional heat may necessitate leaving more air on the house. A night temperature of 45° to 50° is plenty warm enough and if there are no early crown buds in the house it may go even lower without any detriment. Where only late flowers are wanted, and terminal buds are setting, the houses should be kept very cold and any temperature short of actual frost will be quite safe; in fact, the only way to hold back flowers is late planting, taking the terminal bud and a temperature as low as possible.

The early kinds that are fast developing will, I think, have a good sale this year, owing to the severe frost that has



Hydrangea Paniculata Grandiflora Growing on a Florist's Lawn at Jamestown, N. Y.

already visited a good part of the country. Last year asters, dahlias and such like plants were still in their glory through a good part of October, but this year, in my section at least, they are already cut down. A few years ago the early kinds were a valuable asset and we have got $5 per dozen wholesale for Merry Monarch that were not really worth half that sum. But for the past three years the early kinds did not pay because, with all the outside stock still in flower, there was no call for them to fill a breach. This year, by the anxious inquiries as to when flowers will be ready for shipping, it looks as though the man who still had faith in the early varieties will meet with his reward.

October Sunshine and the white and pink Pacific should be about ready to cut in a week. One of the novelties, Merstham Yellow, is also showing indications of being a fine early kind. From a bud taken the first week in August it is developing a very fine flower that will be ready to cut by October 8. It is a very fine yellow, much on the lines of October Sunshine but a dwarfer grower and much finer flower. Later buds are just showing color and look equally as good as the earlier ones. Coombes, Alice Byron, Robinson, Halliday and several others are showing color, and it is now but a short time before the season will be on in full swing.

Growth is very fine throughout the country generally this year, particularly of the newer kinds, and I look for big exhibits and strong competition at all the big shows in the east and the present indications are that the commercial grower will make more money on his mums than he has for years past, and more particularly on the kinds flowering in October. BRIAN BORU.

CHRYSANTHEMUM SOCIETY.

President Herrington has announced the committees to examine seedlings and sports on dates as follows: October 8, 15, 22 and 29, November 5, 12, 19 and 26, 1904. Exhibits to receive attention from the committees must in all cases be prepaid to destination and the entry fee of $2 should be forwarded to the secretary not later than Tuesday of the week preceding examination. The committees are as follows:

New York: Eugene Dailledouze, chairman; C. H. Totty, Wm. Plumb. Send exhibits care of New York Cut Flower Co., Sixth avenue and Twenty-sixth street.

Philadelphia: A. B. Cartledge, chairman; John Westcott, Wm. K. Harris. Send exhibits to 1514 Chestnut street.

Boston: E. A. Wood, chairman; Wm. Nicholson, James Wheeler. Send exhibits to Boston Flower Market, care of John Walsh.

Cincinnati: R. Witterstaetter, chairman; James Allen, Wm. Jackson. Send exhibits to Jabez Elliott Flower Market, care of janitor.

Chicago: James S. Wilson, chairman; Edwin Kanst, third announced later. Send exhibits care of J. B. Deamud, 51 Wabash avenue.

The executive committee of the C. S. A. has decided to use the new scales prepared by the committee appointed for this purpose at the convention in New York. These scales are to come up for discussion and final adoption at the convention in Boston, November 3, 1904. The use of the scales by the committees previous to that time will give them a try-out and help to discover faults, if any are to be found. The scales are as follows:

Commercial Scale.		Exhibition Scale.	
Color	20	Color	10
Form	15	Stem	5
Fullness	10	Foliage	5
Stem	15	Fullness	15
Foliage	15	Form	15
Substance	15	Depth	15
Size	10	Size	35
Total	100	Total	100

FRED H. LEMON, Sec'y.

HARDY CHRYSANTHEMUMS.

I send a piece of a plant of a hardy chrysanthemum and would like to know what the trouble is with it.

H. & C.

The branch of chrysanthemum sent is covered with a growth of cuscuta (dodder) one of the worst of weeds on account of its parasitical character, its long twining stems climbing over other plants and drawing the life or sap for its own nourishment. It is not particular but will take hold of almost any species of plant and if not disturbed, the plants will finally perish.

RICHARD VINCENT, JR.

SPLENDID HYDRANGEAS.

Everyone knows that beautiful shrub, Hydrangea paniculata grandiflora, but everyone does not have an opportunity to see such a specimen as can be seen in Jamestown, N. Y. There must be something in the soil of Jamestown that accounts for this, because the specimen illustrated, although perhaps the best we noticed, is by no means unusual. Grand specimens adorn the lawns of many residences of this picturesque city. The gentleman standing by the side of the bush is not on exhibition. He is one of the department managers of the mammoth Lake View Rose Gardens, by name Alex. J. Scott. His height (six feet) and width (unknown) will give you a better idea of the size of this bush than figures. Yet in the latter days of July we saw and roughly measured the height and spread of this beautiful shrub. It is about eleven feet high and fifteen or sixteen feet in width and perfect on all sides.

If you, reader, can grow hydrangeas like this one, what more beautiful object do you want? We can't grow them in Buffalo, or we don't. This shrub should never be mixed up with other shrubbery. A large bed or group of them has a fine effect and can be given special treatment.

But if your soil will grow them as does Jamestown, then a single specimen is grand enough.

I think why we so often see this hydrangea stunted or straggling is that we simply starve it, both for food and water. All the hydrangeas, as their name implies, are heavy drinkers and the soil, unless naturally rich and on gravel, should be liberally supplied with manure at planting time and every spring a heavy mulch spread around the surface. One other point. Every spring prune back all last year's growth to three or four eyes. As they had 30° below zero in Jamestown last winter, this Japanese shrub or dwarf tree is not very tender and then, again, you may say its blooming season extends from the end of July until winter snows give it a sheltering blanket of the "beautiful."

Wm. Scott.

BEGINNINGS IN DESIGN...

DECORATIVE SCHEMES.

Pillar Decorations.

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As is easily seen, the only decoration attempted for the pillar is a smilax garland, the main part of which consisted of three strings of smilax separated at the heavy ends so as to make the garland nearly uniform in thickness. In short, we have one long string of smilax equal in length to three ordinary strings. Fasten with tiny wire wrappings easily concealed among the foliage. At the point where the first two strings come together attach the heavy end of a third string for a side garland, and a little lower down attach a second branch garland. Fasten the upper end of the main garland to the middle of a wire long enough to encircle the top of the pillar two or three times. Wrap and tie the wire tight enough to hold the garland around the pillar, but not tight enough to scratch its finish. One ought to be careful of these wire ends. In most cases they should be gotten out of sight, but here it is best to let them project outward from the pillar, as being so high up as to be out of sight and harmless.

Start the main garland downward as is shown on the right side of the accompanying illustration. When more than one-third of the way down, direct in a curve across the front of the pillar, thence back around the opposite side to a point immediately under the first turn; then let the end of the garland fall to the floor easily toward the left. Of course the garland will hold itself in place to the last point from which it falls to the floor. Attach here one end of a piece of No. 36 wire about a foot long; wrap in under the foliage. Carry the wire straight across the pillar to the left until it strikes a point on the lower branch garland as it hangs. Attach it at the most convenient point and fasten the wire. Cover this last wire with a little spray of smilax. Train the upper branch garland similarly on the other side of the pillar, and the whole web will hang together of itself. Here and there on the main garland pull out a delicate spray and catch it somewhere around the pillar. Let the most of this be done toward the upper part. Occasionally allow a loose spray to fall where it will.



Smilax on a Pillar.

It will be noted that the top of the garland is started below the capital. This is usually the most ornamental part of the pillar, where the design shows much of the architect's skill. Do not cover this up. Let the temporary decorations rather catch the idea of the architect and carry out the lines of design instead of proceeding independently. The draperies to the right, left and back of the column in this illustration are the connecting lines of the rest of the decoration, and do not belong to the pillar design especially.

Where the heavy part of the decoration is at the bottom of the pillar and becomes lighter as the top is reached, good use can be made of galax. Braid the stems of galax leaves in a single strand, having the leaves touch, base to tip. Fasten the tip end of the garland around the base of the pillar in the same way as the smilax garland was fastened at the top of the other pillar. Start the garland around the pillar, the first circle being made close to the floor. Continue wrapping, covering the surface of the pillar solidly till about one-half of the height is reached. Make the next round slightly apart, and continue widening the distance toward the top. Bronze galax leaves or green would do just as well. With this decoration also there need be no tacking or scratching.

Garlands of one kind or another seem to be the most natural pillar decorations, but where there is space to spare blooming plants or a circular bank of long-stemmed flowers, ferns or other foliage may be employed to advantage. Fill in the bank with sphagnum, stem the flowers and foliage, as is done for a basket, and insert the longer, stiffer stems up against the surface of the pillar all around. Set the shorter stems and the drooping flowers around the outside. If the tall ones are disposed to droop very much, tie around the pillar with wire, as was done with the garlands. In order to make a good display the banking should be run up three or four feet. Use no trimmings at the top of the pillar for such a decoration as this.

Gertrude Blair.

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I have quite a lot of Begonia Gloire de Lorraine which are affected with mealy bug. How is the best way to destroy them without injuring the plants? Would you also tell me through the REVIEW what plants are the most easily injured by fumigating with tobacco? BOSTON.

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Vegetable Forcing.

TOMATOES.

Plants under way should be kept growing freely. If stunted now for want of pot room, or checked by any other means, it will mean loss of time and considerable trouble may be experienced in getting them back into a free-growing, healthy condition. They should be kept fully exposed to light and crowding should be guarded against, so that the plants will not become drawn. The more compact and stocky the plants can be kept the quicker they will flower and set fruit after they are planted in the benches. Plants that are drawn and weakly for want of sufficient light and space in the earlier stages of their growth will usually be bare of fruit for nearly two feet up from the soil.

Much diversity of opinion exists regarding the distance at which the plants should be set in the benches. Some contend that where two square feet bench space is allowed per plant they give the largest yield for the total space occupied, but I prefer to allow two and a half feet and consider that the larger yield per plant, and the better fruit resulting, amply makes up for the slight loss in weight of yield.

Last year a query appeared in the Review regarding windy or hollow tomatoes. At the time I said that the trouble was new to me and was inclined to lay the cause to the variety grown being unsuitable for forcing. Other writers gave their experience and seemed to think that too much root room was a cause. The confining of the roots will, of course, induce a firmer growth in the plants, which firmness will naturally be imparted to the fruits. The freedom from this disease in our own case is probably due to the fact that we have always confined the roots to a limited space.

The mid-winter crop we grow in a house fitted with raised benches and it is more convenient for us to set the plants in boxes than to have the trouble of filling the benches and emptying them for the one crop. Our boxes are one foot wide, nine inches deep and thirty inches long. In each we grow three plants and have always obtained satisfactory results. If anyone troubled with windy or hollow fruits will try this or some other means of confining the roots I think that he will find that little or no trouble will be had.

In substantiation of the soft growth theory as the cause of windy or hollow fruit, I have observed that this summer quite a few of the outdoor tomatoes have been affected in this way and that the trouble was most apparent after protracted spells of dull, damp weather, such weather naturally inducing soft growth in the plants. W. S. Croydon.



SEASONABLE WORK.

The time of year has again arrived for most violet growers, when you have to exercise greater care in watering, not to overdo it, than you have had to exercise for the past month or so, as from now on you can never tell how quickly you may have a change in weather from these beautiful warm days to several days of cold rain. For this reason the watering should be done early in the day, and very thoroughly, on a day that promises to be bright and fair. Then do not water again until the plants are rather on the dry side.

For the very reason that you are not watering as freely as heretofore, you will have to observe renewed vigilance in watching for that subtle enemy, the red spider, lest he succeed in acquiring a foothold and the weather become such that you will not be able to syringe freely enough to eradicate him, to the detriment of your future crop and the ruination of the leaves, thus not only hurting the lungs of the plants, but also causing a deficiency of foliage for properly bunching the blooms when you commence to pick. Therefore, once or twice a week, when watering, be sure and spray the plants from underneath from all sides and thus destroy any beginning of the pests. As I have before said, this should be done on a bright day, that they may soon dry off.

Another thing that should be aimed at is to firm up the growth from this time forward. Naturally the plants have made a comparatively rank, soft growth during the warm weather, and this would be more susceptible to disease of any kind were the conditions such as to check growth. Consequently strive to have the growth as hard and firm as is possible, although I do not mean by this to in any way stunt it.

The ventilation will also begin to have to be more closely attended to, but do not make the error of closing up at all until you are sure of a good hard frost. Give all the air that is possible, both day and night, as this is one of your best aids in getting that stocky, hard growth. When you do get up to a night that you have to fire a little, be sure and leave your ventilators up four to six inches.

Do not forget to spread your feast of Paris green and sugar for the delectation of the sow bugs and centipedes, yes, and stray snails, that may be traveling about seeking what they may devour. You also have to watch out for aphides. Dust the plant over with tobacco dust and to get the dust where it is effective you will have to hold apart the leaves so as to get the dust on the crown and young new growth where the aphides love to congregate. Do not leave this on over two or three hours and then wash off thoroughly with the spray.

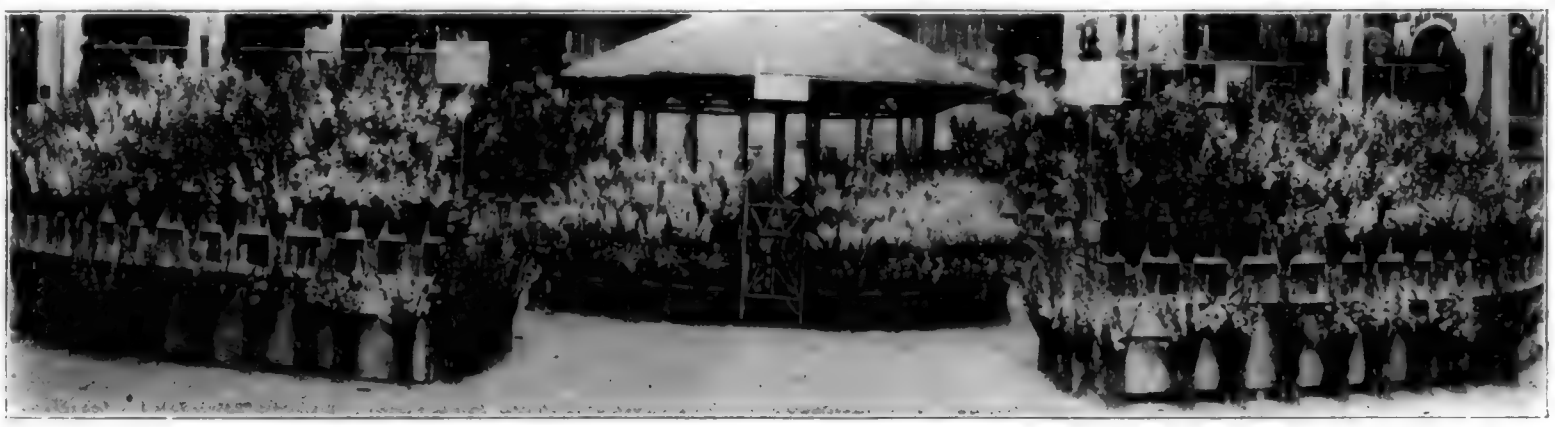
And right here I might say that if you wonder what to use as a duster, you can take any good-sized tin can and punch the bottom full of holes with a shingle nail. This will prove equally as good as a more costly sifter and is easily obtained. Dusting is one of the jobs that must be thoroughly done and should not be left to "the boy" but looked after personally, that the aphides may get no foothold, as it is surely "good-bye crop" if they do.

Then there are those ever present jobs that are never done, picking off the old leaves, trimming off the runners, stirring the top soil and generally keeping them in the finest of condition. It is well to keep the buds off for some time yet, excepting, of course, with anyone who has a special demand and trade calling for early flowers; otherwise the strength of the plant is better conserved for the holiday crop, which it is the aspiration of every grower to have as large as possible. R. E. Shuphelt.

GLADIOLI AT ST. LOUIS.

As at the Pan-American Exposition, so at the St. Louis World's Fair, in the Horticulture building, the chief autumnal attraction in the cut flower department is the gladiolus exhibit from Meadowvale farm, Berlin, N. Y., consisting of 725 vases containing 8,000 spikes. The principal strains shown are the Groff's hybrids in their several sections. The arrangement on circular shelves between which are mirrors, increases the attractiveness of the exhibit and is a credit to Mr. Cowee. All of the material used in constructing the rustic booth in the center, as well as the outside circle, came from Meadowvale farm.

Weekly shipments are made from the



Arthur Cowee's Exhibit of Gladioli in the Horticulture Building, St. Louis World's Fair.

fields at Berlin, N. Y., where 100 acres are being grown, also from a five-acre planting at Belleville, Ill., where about half a million bulbs have been planted at three different periods so as to secure a succession of blooming. Upon the exposition grounds Mr. Cowee has planted in six beds, about 125,000 bulbs.

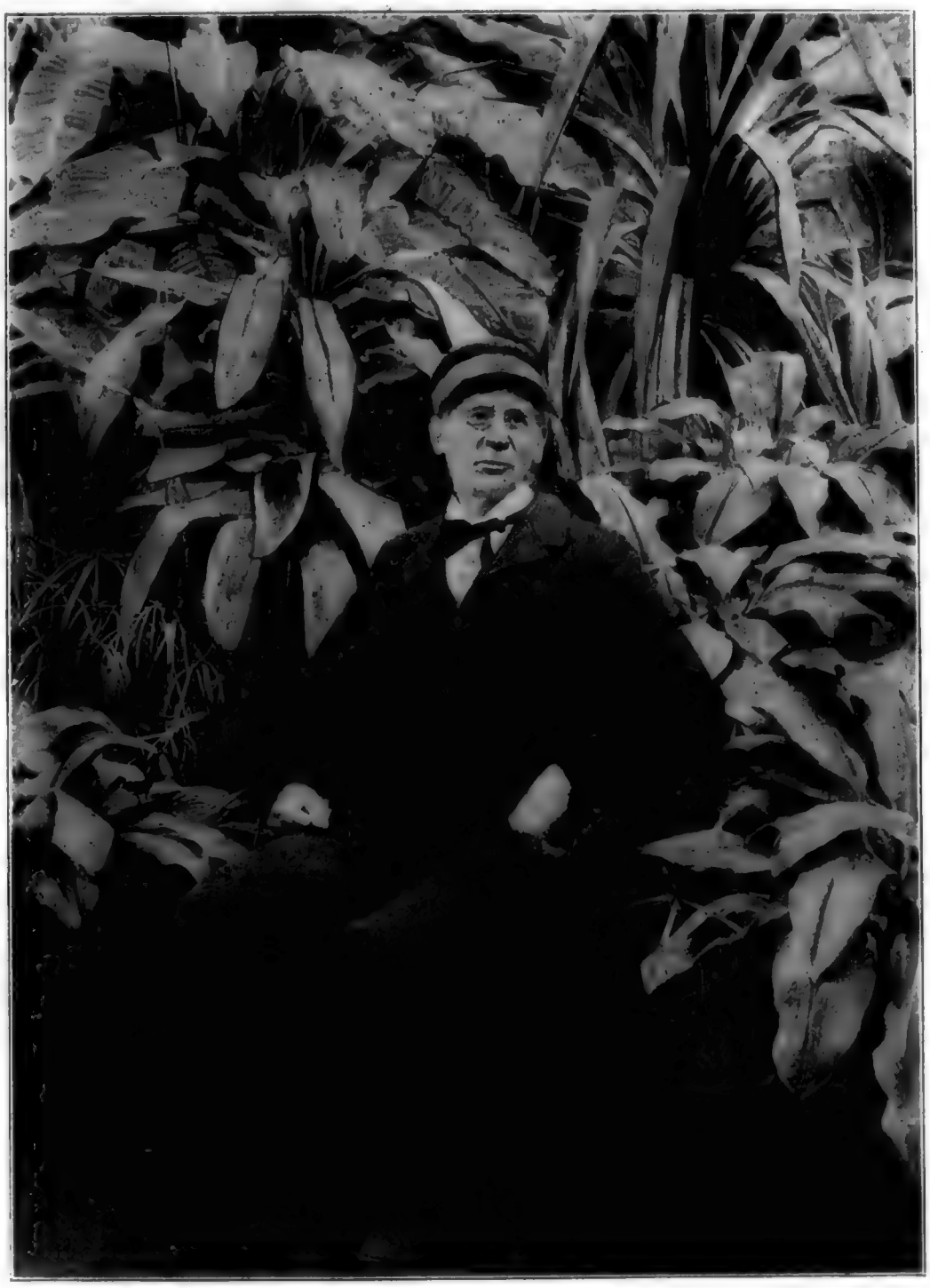
While the season has been exceptional and the soil in which the bulbs were planted not of the best, still taking everything into consideration, you could not ask for better results.

J. H. HADKINSON.

A VETERAN OF THE CRAFT.

It is not given to every man whose tenure of office is so dependent upon administrative changes as are positions at Lincoln park, Chicago, to preserve his equilibrium through more than the span of the average human life, but Charles J. Strombach has survived political upheavals for thirty-five years and for twenty-nine years has been head gardener. Now, however, he has been retired as past the age for active service, for he is 62. No man, no more than any woman, enjoys being told he is getting old and quite naturally this good gardener was reluctant to surrender his active duties to a younger, if no less capable man. "Did you ever see me looking better?" is his query to every friend. He is now "consulting gardener," a position created for him by the park commissioners at the request of Supt. Warder and in recognition of his long and capable service.

Charles J. Strombach came of gardening stock. He received his training in the Royal School of Horticulture at Stockholm, in Sweden, and in various private and commercial places on the continent. Coming to America while in his youth, he brought knowledge of his vocation such as the young man of this day finds it difficult to obtain, next to impossible in this country. Gravitating to Chicago, as so many of his countrymen did in that day, Mr. Strombach took up the work at Lincoln park in 1869, when the place was but a fraction of its present size and wholly devoid of its present aspect. To his genius much of the very excellent landscape work is due. At the beginning there was but a little glass, only for working purposes, and nothing like a collection of plants. Today there is one of the finest ranges of glass and the best and largest collection of plants in the west, all developed under Mr. Strombach's guidance. Indeed, as Supt. Warder is quoted as saying, "It was only due him that some place should be provided."



Charles J. Strombach.

(For thirty-five years gardener at Lincoln Park, Chicago.)

BOSTON.

The Market.

Conditions are much better in our market than they have been before this season. Frost has cut off practically all outdoor stock. A few gladioli still come in, selling at 75 cents to $1.50 per dozen for the best, but dahlias, asters, feverfew and other such stuff are gone. Carnations are now of fine quality. Blooms of Mrs. Patten, Enchantress, Queen, Lawson, Fair Maid and other popular sorts are almost equal to winter stock. Prices vary from $3 for the best down to $1 for inferior blooms.

Roses are shortening up somewhat, with a perceptible improvement in quality and a betterment in prices. Beauties are in smaller supply, at from $6 to $25 per 100. Kaiserins and Carnots bring $2 to $8 and Brides and Bridesmaids $2 to $6. Chrysanthemums have appeared, Malcolm Orr, of Lynn, bringing in the first Lady Fitzwygram on September 22. The same grower had some nice Marquis de Montmort on September 24, on which date Wm. Nicholson and S. J. Goddard each had a fine lot of Fitzwygrams. Prices were $1.50 to $2 per dozen. Lily of the valley brings $4 to $5, Waban Conservatories sending the best. A little better demand is noted for asparagus and adiantum. A few single violets have appeared. They are small and pale-colored yet, however.

The Co-operative Markets.

Stallholders in the two flower markets were apportioned their stands on September 24, there being a large and animated crowd at each market. The Park street stand, while very small and cramped compared with the Columbus avenue location, which is now advertised "To Let," has been thoroughly overhauled and looks very neat. A visit to the Music Hall market showed a wonderful transformation since a previous visit. The floor was beautifully lighted by electricity and seemed very cozy. Some 130 stalls are rented, with a prospect of more being taken soon. The principal entrance is from Hamilton place, but there are two additional ones leading to Music Hall place and Washington street and a probability of a fourth leading to Bromfield street very shortly. The salesroom here is much larger than at Park street, covering 6,000 square feet.

The markets opened for business on September 26 and each seemed satisfied with business transacted. It is to be regretted that a split has occurred. There is room for one big, strong market and, while two may each do a good business for some time, we expect to see the present feeling between the two factions gradually die out and eventually an amalgamation take place on lines satisfactory to both sides.

The Autumnal Show.

The new halls of the Massachusetts Horticultural Society were never better filled with choice exhibits, nor more tastefully arranged, than on the occasion of the annual autumn show September 22 to 25. The committee of arrangements had worked hard and deserves special commendation. Exhibits were so arranged that the work of the committees was greatly lightened when making their

awards, something that we trust may continue at future shows.

Plants completely filled the main exhibition hall. For best finished group of foliage plants to cover 200 square feet, Mrs. J. L. Gardner, Wm. Thatcher, gardener, beat J. S. Bailey, J. Nylan, gardener. These exhibitors were in same order for six stove and greenhouse plants, Mr. Thatcher's winning six being Dracæna Goldeana and D. Sanderiana, Dieffenbachia Bausei and D. magnifica, Maranta Porteana and Phyllotænium Lindeni. For pair palms the prizes went to Mrs. J. L. Gardner, A. F. Estabrook, Geo. Barker, gardener, and J. S. Bailey. The last named won for five specimen ferns with Davallia Mooreana and D. Fijiensis majus, Gleichenia circinata glauca, Polypodium aureum and Nephrolepis Piersoni. Mrs. Gardner beat A. F. Estabrook for five adiantums, showing fine plants of cuneatum, Farleyense, cuneatum grandiceps, Æthiopicum and gracillimum.

J. S. Bailey showed the best twenty-five crotons in 6-inch pots and A. F. Estabrook the best six caladiums. Mrs. Gardner won for specimen Ouvirandra fenestralis and ten Begonia Rex, also for six dracænas, J. S. Bailey being a close second in the latter class. Peter Cairns won second prize for specimen greenhouse flowering plant with Epidendrum vitellinum majus. R. and J. Farquhar & Co. put up a fine group of palms and other foliage plants interspersed with large vases of Lilium speciosum, Farquhar's Christmas lily and other cut flowers. Julius Roehrs showed a nice table of orchids and ferns, the former including such seasonable sorts as Vanda cærulea, Dendrobium Phalænopsis, Cattleya Bowringeana and C. labiata, Cypripedium callosum and others. E. J. Mitton, J. Lawson, gardener, also had a nice table of orchids arranged with ferns, chiefly cattleyas and Dendrobium Phalænopsis. Lager & Hurrell had a nice collection of orchids in fine flower, including Lælia elegans, Cattleya gigas and C. labiata, Vanda cærulea, Oncidium varicosum Rogersii, Odontoglossum grande and others.

F. R. Pierson Co. showed a table of their new sport of the Pierson fern, named Tarrytown, which scored one point higher than at the spring show, now securing a silver medal. Henry A. Dreer showed a beautiful tank of nymphæas and other aquatics, which received a silver medal. Certificates of merit were awarded Nymphæa Zanzibariensis Pennsylvania and N. dentata superba, two beautiful new varieties.

A. F. Estabrook had a collection of large solanums in tubs and Mrs. M. L. Atwood well bloomed achimenes grown in a dwelling house. Robert Cameron, from the Harvard Botanic Gardens, contributed an extensive and beautifully arranged group of foliage plants. In addition to a gratuity, a silver medal was awarded for a superb plant of Phyllotænium Lindeni and certificates of merit to Calathea Makoyana and C. Lindeniana. Some well-flowered plants of Nerine corusca helped to brighten this group, which was the best we have seen for years.

In cut flowers dahlias were shown in thousands in first-class condition. While the cactus section was perhaps most largely shown, there was keen competition in the classes for show, fancy, pompon, decorative and single varieties. Had the show been one day later hardly a bloom would have been shown, the freeze of the morning of September 22 wiping them out. A comparatively new exhibitor, E. W. Ela, was the most successful, winning five firsts, one second and one third. W. C. Winter took two firsts, three seconds and three thirds and J. K. Alexander one first and three seconds. Other large exhibitors who took prizes were H. F. Burt, W. P. Lothrop, Geo. D. Cook and G. H. Walker. W. C. Winter won for the best general display arranged for effect. Geo. D. Cook showed the best novelty in Mrs. Roosevelt, a fine pink decorative variety.

For twenty named gladioli, J. K. Alexander was first, while for 100 spikes W. P. Lothrop won. Carl Blomberg and Mrs. E. M. Gill won in order named for thirty varieties herbaceous plants. Bayard Thayer, Wm. Anderson, gardener, took first premium for tank of aquatic flowers with a fine arrangement. Walter Hunnewell, T. D. Hatfield, gardener, and Blue Hill Nurseries each had a large table of herbaceous perennials. The latter secured a first-class certificate for Tritoma Pfitzeri, not a new plant but one which had only received honorable mention previously. J. E. Rothwell, Emil Johannson, gardener, had fifty-five varieties of choice cut orchids. Henry Wood showed the first violets of the season. There were numerous promiscuous displays of dahlias and other flowers. For forty varieties of native plants prizes went to Misses Doran, Carl Blomberg, Mrs. A. Clark, Miss Isabella Shattuck and Miss Ida Henderson. As usual there was an extensive and meritorious display of fruits and vegetables.

Various Notes.

Our first freeze of the season came early and was unusually severe. On the mornings of September 22 and 23 minimum temperatures were recorded from 20° to 30° above zero, the lower figures being in the Sudbury valley. Practically all tender plants and vegetables were killed outright, a considerable loss being sustained by corn and cranberry growers in this state. Such early and severe frost had not occurred previously for thirty-five years.

The show at Horticultural Hall brought many visitors to town the past week. Among these were F. C. Green, Warwick, R. I.; F. R. Pierson and J. R. Fotheringham, Tarrytown, N. Y.; Thomas Knight, Rutherford, N. J.; Geo. F. Struck, Summit, N. J., and A. J. Newell, Pomfret, Conn.

At the meeting of the Gardeners' and Florists' Club, on September 20, three new members were elected. An invitation from Waban Rose Conservatories to visit that establishment about the end of October was unanimously accepted and a vote of thanks tendered to Mr. Montgomery for the same. After James Wheeler had described his vacation experiences, including his success in picking out winning horses at the Clinton Fair, W. J. Stewart gave a most interesting account of his visit to the World's Fair, particularly of the horticultural section. He considered St. Louis quite a law abiding city, in which opinion he was supported by Mr. Morton, who after describing some of the Chicago cemeteries visited during the late session of the Association of American Cemetery Superintendents, referred to the bedding at the World's Fair.

J. W. Duncan and W. N. Craig offered short contributions to the evening's entertainment. Julius Heurlin showed a collection of hardy herbaceous plants, including the new tritoma, Empress, and Charles Sander had specimens of the lace bug which he finds very destructive on foliage of rhododendrons. Spraying with whale oil soap was the best remedy.

The garden committee of the Massachusetts Horticultural Society paid a visit by invitation to the dahlia gardens of W. J. Winser, at Brockton, Mass., on September 21. They found a fine collection comprising hundreds of the best varieties. A few hours after their visit the plants were all destroyed by frost.

W. N. Craig.

CHICAGO.

The Market.

There isn't anything out of the ordinary doing but demand has shown an appreciable gain during the past week and conditions are more nearly normal than for some time. Shipping trade is quite active and the local call indicates that some of the leading retailers are finding some good work.

The average quality of the rose crops shows material improvement and there are now available enough good flowers for all requirements, including considerable stock which may be classed as fancy. This applies particularly to Brides and Maids but Beauties are gaining steadily and in the past week have not only been of better quality but in better demand than heretofore. Not many long Liberty are seen and Chatenay has not yet much stem.

Carnations are steadily increasing in quality and lengthening in stem; the size of flower has been all right ever since the indoor stock began to come in. Several growers who have had Lawson, Enchantress and others under glass all summer are getting superb stock for September carnations. There are still a great many low grade flowers but even these sell rather better than they did because asters are pretty poor now and practically out of it.

There is considerable inquiry for fancy mums for early weddings and receptions. A few good ones are seen and the supply will increase rapidly after next week. The receipts of violets are increasing quite rapidly and the good ones sell fairly well, but many of them are too poor to be useful.

The wedding season is causing a better demand for valley and "green goods," and these are plentiful. Tuberoses are abundant. Good dahlias are selling fairly well but shorts and poor flowers are hard to move.

Club Meeting.

At the club meeting September 22 the subject of the club's work for the Carnation Society's convention was taken up and the president instructed to appoint a committee of three with power to appoint sub-committees to arrange finances and all details of entertainment. Nominations of officers for the ensuing year developed a surprising and deplorable lack of ambition to achieve honor and renown in the guidance of the club's destinies. A committee had to be appointed to make a slate. The committee consisted of Messrs. Vaughan, Hauswirth and Asmus and

the nominees are as follows: For president, W. N. Rudd; vice-president, J. P. Risch; recording secretary, Robert Johnstone; financial secretary, George Asmus; treasurer, Edgar Sanders; trustees, F. F. Benthey, W. L. Palinsky, M. Barker, H. B. Howard and Leonard Kill. For the committee on exhibits of the evening, M. Barker recommended that a certificate of merit be awarded Gladiolus princeps exhibited by Vaughan's Seed Store.

At Lincoln Park.

There hasn't been a geranium in sight in the big parterre at Lincoln park this season. One of the most attractive beds was planted with small rubbers with Grevillea robusta between. A novelty here was the use of Pennisetum Rupelianum as an edging for big beds of Egandale canna and P. macrourum for beds of Souvenir d'Antoine Crozy. The effect was fine but would have been even better had Egandale attained its usual height this season; it is quite a little short of it. In the service houses they have a splendid lot of cattleyas in a growing collection of orchids, many freshly imported. The mums are in fine shape. There is a nice lot of cyclamens and Lorraines for later show. To apply insecticides and fungicides they use a sprayer which seems an unusually good one. It is made by the Rice Automatic Sprayer Co., at East Windsor Hill, Conn. A new cool house, for azaleas, etc., is being built. It will be 34x95 with a lean-to.

Various Notes.

H. Klunder, on State street, has attracted attention to his window this week with a bowl of Tritoma Pfitzeri.

Capt. H. Schuenemann starts north next week after his annual cargo of Christmas trees and bouquet green. He is going to an entirely new field this year, the old pickings having been pretty well exhausted.

John Muir has one of the handsomest stores in town at his new place at 4647 Grand boulevard and probably the best arranged store in the west. At the opening, September 21, he had hundreds of visitors and made a fine show of stock.

J. F. Wilcox, of Council Bluffs, was in town Monday with his son, Roy, whom he will see started at college at Cornell and then go on to New York for a few days. The second son of the house of Wienhoeber also started for Cornell this week.

O. J. Friedman has a big decoration on this week for Carson, Pirie, Scott & Co., whose manager is his brother-in-law.

C. W. McKellar is again getting cattleyas, a scarce article for some months.

Bernard Zalinger is now John Sinner's assistant at the Exchange.

George Asmus is putting in an ice box worth $275 at the Schiller store on West Madison street.

Sol Garland is sending Percy Jones some exceptionally good Princess of Wales violets in good quantity, also. for so early.

L. Coatsworth has returned from a few days' visit at New Castle. He reports everything looking good.

Kennicott Bros. Co. has been making wire work faster than it sold this summer and have stock enough on hand for another of their popular sales.

H. Luedtke, at Maywood, says Lady Bountiful is the best white carnation to date, but he likes Albatross also. Flamingo won't develop its flowers for him; buds just stand still.

A. L. Randall Co. says there is no further occasion to complain about the quality of roses. Mr. Thomas is looking for unlimited supplies of violets again this year, quality rather better than last year, according to the growers.

Gunnar Teilmann, Marion, Ind., has been sending E. C. Amling very fine Monrovia mums this week. While Mr. Amling was out on a little business trip one day last week he took time to catch a ten and a half pound pickerel.

Eli Cross, of Grand Rapids, was over on Monday and says violets are looking fine there.

A. L. Vaughan went to Grand Rapids yesterday for a few days stay.

Other visitors: H. A. Catlin, White Sulphur Springs, W. Va.; Theo. Miller, St. Louis; Wm. Rayner, Oconomowoc, Wis.

NEW YORK.

The Market.

It was a case of "freeze out" last week up the Hudson and cold enough in and around New York to chill the outdoor stock and so remove a menace to the general market that the wholesalers very much appreciate. The temperature fell below 32° in many places up the state and in the neighborhood of Nyack and Poughkeepsie a winter temperature prevailed. Asters, dahlias and gladioli, therefore, are of some account and the prices realized for good stock are at last satisfactory. Violets come daily, but in limited quantities and of very poor quality. Far better hold them until the middle of October, especially as their value is cheapened by the early sidewalk merchants' offerings.

Chrysanthemums have made an early start and some excellent stock of Marquis de Montmort and Mme. Gastellier has arrived. The indications are for a flood of them before October is a week old. Orchids have been short in supply for a week and the demand for them shows a steady growth, out of town orders growing constantly in numbers.

The supply of roses increases every day and good stock finds a ready market, but enormous quantities of the medium and lower grades can be had in large lots at the buyer's offer.

Little hope of a satisfactory revival can be counted on until the smoke of the election contest has cleared away. Then we look confidently for the best season the cut flower and general florists' business has ever known in this country. This seems to be the general opinion of all branches of the trade.

The Institute Exhibition.

Exhibitions began with the American Institute in New York in 1831. The seventy-third took place last Wednesday and Thursday and was a great success, both in quality of exhibits and attendance. Special premiums were numerous. The banks of flowering and decorative plants exhibited by Julius Roehrs and Siebrecht & Son were up to their standard and Lager & Hurrell staged an effective display of cattleyas, odontoglossums and cypripediums. The Clucas & Boddington Co. received special premiums for dahlias, phlox and herbaceous flowers and made a large and beautiful exhibit.

A. L. Miller, of Brooklyn, received a special for his display of his new white dahlia, Kaiserin Augusta Victoria, and the F. R. Pierson Co. got a diploma for their new fern, Tarrytown. John Lewis Childs showed gladioli and tuberous begonias and Beaulieu, of Woodhaven, had a collection of dahlias. In addition to prize winners already mentioned were Geo. H. Hale, Seabright, N. J.; J. P. Sorenson, Stamford, Conn.; C. W. Bolton, Pelham, N. Y.; H. L. Burt, Taunton, Mass; W. P. Lothrop, East Bridgewater, Mass.; Thos. J. Holland, Malvern, Pa.; Geo. H. Hemming, Brooklyn, N. Y.; James Kennedy, Deal, N. J.; Frank H. Presby, Montclair, N. J.

With the Bulb Houses.

These are the busy days among the bulb houses, immense shipments leaving the city every day. Thorburn, Henderson, Stumpp & Walter Co., Elliott, Boddington, H. H. Berger & Co., Suzuki & Iida, Henry & Lee, Ralph Ward & Co., Meyer and Joosten all report the busiest fall trade in their experience.

H. H. Berger & Co. have just received their first importation of Cattleya Harrisoniana from Brazil and will have orchid shipments throughout the year. Their comment on business is that "this has been an unusually good season."

A. T. Boddington's store on West Fourteenth street has been rearranged and is crowded to the doors by their importations. Their second shipment of azaleas has arrived. Mr. Boddington is visiting his eastern customers this week and Mr. Begbie has just returned from a two weeks' outing among his friends in North Carolina.

Various Notes.

The dahlia supply from Atco's 100-acre base is handled in New York by Gunther and Ghormley. Some very fine stock has been arriving daily until the cold snap intervened.

The orchid growers of this vicinity are exhibiting at the flower shows in quantity, Lager & Hurrell and Julius Roehrs having splendid exhibits at the American Institute exhibition here last week and at Boston.

The wheels move slowly in the auction business. In the city it is hard to draw the buyers. Small audiences have been the rule. It would be a shame to mention some of the prices realized. The out of town sales of Bird, at Arlington, N. J., and Troy, at New Rochelle, N. Y., failed to attract the buyers the merits of the goods deserved.

Tuesday, September 20, that expert in American Beauty specials, Henry Hentz, Jr., of Madison, N. J., was presented with his first daughter.

N. LeCakes & Co. are much pleased with the establishment of their headquarters on Twenty-eighth street and have added a plant department to their business. They will handle holly for Thanksgiving and Christmas in large quantities. John A. Foley, formerly with Bradshaw, is bookkeeper for Mr. LeCakes.

Wm. Ford, of Ford Bros., has been out of the city during the past week but is now fully recuperated and ready for the fall rush, which he anticipates will commence earlier than usual.

All interested in the formation of the New York Florists' Bowling Club are requested to meet October 7 at the bowling alleys, Twenty-third street, near Sixth avenue, and at 7:30 so that officers may be elected and all preliminaries completed before the evening's bowling. An evening will be selected satisfactory to the majority and matches arranged with neighboring clubs, so that a greater interest may be developed.

Two members of the New York Florists' Club passed away last week, J. B. Hyatt, of Winfield, L. I., and John Rickert, of Weehawken, N. J. Mr. Hyatt was formerly a member of the firm of T. B. Hyatt & Son, nurserymen, and Mr. Rickert a prominent grower whose early death is mourned by a large circle of relatives and friends. The sympathies of the trade are extended to the bereaved families.

L. J. Kreshover tells some very interesting experiences of his European trip, especially those of Paris and the Tyrolean Alps. His knowledge of French and German made the journey one of perfect delight. Many novelties for the supply trade will attest the combination of business with pleasure. He met Wm. Burns, the florist of Sixth avenue, in Switzerland unexpectedly and their mutual delight as foreign travelers can be imagined.

Mr. Burnham, at Bloomingdale's, has one of the finest retail florists' stores in the city and greenhouse facilities on the roof that more than double his former capacity. Reception rooms, decorations and the best plants in the market will give him encouragement to develop an immense business as compared with any other department store. The maintaining of right prices under his management has commended him to the good will of the legitimate florists and demonstrated the possibility of conducting the work, even where department store methods in all other lines prevail, so as not to make this special department a menace to the retail florist.

The dahlia and canna exhibit at the rooms of the New York Florists' Club October 10 should maintain the interest in these special nights, which, under the presidency of Mr. Traendly, have added so largely to the attendance and made it a record year to date.

The Mineola Fair last week was the greatest Long Island has ever seen. The fruit and flower exhibits have never been equaled there. John Lewis Childs' great pyramid of palms, ferns and decorative plants called for special commendation. An attendance of over 100,000 for the week attests the popularity of the exhibition. J. Austin Shaw.

ST. LOUIS.

The Market.

The cut flower season is opening fast and the general opinion among the store men is that trade is expanding steadily and confidence increases. The lower temperature stimulates the demand for work of all kinds in the florists' line. While there is no great amount of business to report, a marked improvement for the past two weeks is noticed. Quite a number of social events came the past week, including early fall weddings and fall openings in the large downtown stores, adding very much to the demand for cut flowers and decorative plants.

Saturday we had quite a heavy rain, which was very much needed by the growers, who report that nearly everything is housed and they are working on boilers and heating apparatus, so as to be ready for the first cold snap, as frost is predicted for this week. The plant trade is picking up and there is a good call for kentias and other palms, also Boston ferns. Of the latter, Mr. Felter, on Lexington avenue, has some of the finest seen in a long time.

Stock at the commission houses is of fair quality, but first-class material rather scarce and plenty of the second grade at cheap prices. In roses, first-class American Beauties are very scarce at $3 per dozen, shorts from 75 cents to $1.50 per dozen, culls $3 and $4 per 100. Bride, Maid, Carnot, Meteor and Kaiserin run $4, $5 and $6 per 100 for the best, $2 and $3 for seconds. The house-grown carnations are still short in stem, with fair flowers. Big lots of Mrs. Fisher from the field were in last week. Outdoor stock brings 50 and 75 cents per 100, house-grown from $1 to $2 per 100. The demand is very large just now.

Violets made their appearance the past week. They are, of course, small and shriveled and hardly good enough for counter sales. The wholesalers demanded 25 and 35 cents per 100, with slow sales. Good valley had some demand last week, owing to several large weddings. The stock is of good quality, at $3 and $4 per 100. Quite a lot of tuberose spikes came in on Saturday, which sold clean at $4 per 100. Asters, hydrangeas and gladioli are over and only a few of these come in. Cosmos has not yet come in quantity. Adiantum is scarce. Other greens are plentiful.

Various Notes.

C. Young & Sons Co. report business very good, especially in shipping orders, which were quite heavy recently.

Beyer Bros. are busy potting up their chrysanthemums from the field. They expect to have a fine lot of market plants this year, also single-stemmed plants.

C. C. Sanders is also very busy with his chrysanthemum plants, of which he will have a fine lot in both cut blooms and plants. Other stock at his place is looking at its best.

The trustees of the Missouri Botanical Garden gave their fifteenth annual banquet on Thursday night at the Buckingham Club, which brought together one of the most distinguished bodies of scientists ever assembled in this country. The banquet is provided for in the will of the late Henry Shaw. This banquet is generally held early in spring, but on account of so many distinguished men attending the International Congress of Arts and Sciences at the World's Fair, it was postponed until they all arrived. The guests numbered nearly 200. Winfield S. Chaplin, Chancellor of Washington University, officiated as toastmaster. A number of informal speeches were made during the evening.

Theo. Miller and young Mr. Kalish acted as judges during the four days of registration last week. Theo. will now be known as Judge Miller. His place is stocked up with a nice lot of plants of all kinds and business is steadily improving in cut flowers.

The Riessen Floral Co. has been very busy of late with theatre work, also decorations. They expect again to furnish the decorations for the Veiled Prophet's ball, which will be held next week Tuesday at the Merchants' Exchange. The decorations are usually very large and attractive.

Frank M. Ellis is giving his place a fresh coat of paint and is making big preparations for the fall trade, which is now upon us. He reports excellent trade, both shipping and local.

At C. A. Kuehn's a fine line of supplies can be seen. Mr. Kuehn has a large lot of consignors who will have a fine lot of cut blooms for this season. He reports trade good in all lines, wire work, supplies and cut stock.

Henry Berning has laid in an extra supply of florists' goods of all kinds. Stock at this place is also very plentiful and trade good in all its branches. Mr. Berning is looking for a big trade this winter.

Theo. Miller left Sunday night for a short trip to Chicago and Fort Wayne, Ind., on both business and pleasure.

Robert Beyer, Geo. Windler, J. J. Beneke, Theo. Miller, J. Kalish and Emil Schray will all serve as judges at the coming fall election.

Bowling.

The bowling season has opened and the florists will again be in the game every Monday night. A. Y. Ellison will this year roll with the Rosedales and Kuehn and Beneke with the Jewelers. Carl Beyer will again roll with the Western Bowling Club.

The florists are still rolling for the silver cup, which will end next Monday night. Those who have handicaps are all in the lead. The following are scores up to date for the prize:

Name.	No. games.	Total.	Average.
O. R. Beneke	6	1032	172
Ed. Gerlach	9	1535	171
F. C. Weber	9	1524	169
F. M. Ellis	9	1510	168
A. Y. Ellison	9	1490	166
F. H. Meinhardt	9	1443	160
J. J. Beneke	9	1440	160
C. A. Kuehn	9	1403	156
Theo. Miller	6	817	136
Carl Beyer	5	715	143

Only seven members rolled Monday night. O. R. Beneke still leads. The following scores were made:

Player.	Hc.	1st	2d	3d	T'l
Carl Beyer	8	144	219	175	538
O. R. Beneke	20	171	209	157	537
C. A. Kuehn	8	169	190	180	539
Ed Gerlach	45	203	130	184	517
F. H. Meinhardt	25	173	177	152	502
F. M. Ellis	20	163	170	157	490
J. J. Beneke	8	170	145	170	485

J. J. B.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

The way to grow good pentstemons, with huge spikes, massive bells, and abundance of foliage, is to make a selection of varieties, seedlings, if good enough (but they never are from an ordinary packet of seed), insert the cuttings at the right time, root them properly, encourage them to grow freely away in spring, and never allow a check. Stunted plants cannot produce bells two and a half inches in diameter, and yet these are the kind of blooms I aim at, and produce.

Am well pleased with the Review, particularly with Mr. Scott's notes.—H. Huebner, Groton, Mass.

Chrysanthemums.

We are handling the best blooms in the market. Our growers know their business. Cut will increase as the season progresses.

Plenty Asparagus for the "Fall Opening" Decorations.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$8.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem....$3.00 to $4.00 per 100.	

	Per 100
Brides and Maids	$2.00 to $5.00
Meteors and Gates	2.00 to 5.00
Liberty	3.00 to 6.00
Kaiserin	3.00 to 8.00
Carnations, select, all colors	1.00 to 1.50
" large and fancy	2.00 to 3.00
Mums, large...per doz., $3 to $4	
" medium " $1.50 to 2	
Valley	2.00 to 4.00
Gladioli .....per doz., 25c to 35c	
Tuberoses, " 35c to 50c	
Auratum lilies, " $1.25 to $1.50	
Longiflorums " 1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns .....per 1000, $1.00	.15
Galax.....per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.75
Smilax.....per doz., $1.50	10.00

Subject to change without notice.

PHILADELPHIA.

The Market.

The untimely frosts had a serious effect on plants and flowers outdoors. This has been especially felt in gladioli, now in brisk demand, and to a lesser extent in dahlias. On Saturday Arthur Cowee wired the Leo Niessen Co. that his gladioli were over, and this seems true of all the other growers. Dahlias, now in their prime, suffered, but fortunately not so much. L. K. Peacock reports the temperature fell to 29° at Atco, but luckily some of his dahlias were sheltered by peach trees and others will recover. He was able to send S. S. Pennock 8,000 blooms on Monday. Cosmos was scarce for several days. Asters are about over. Single violets are coming to town in increasing quantities. There are very few chrysanthemums as yet. Carnations are improving steadily. There is no change in the rose situation; a fair demand for the best stuff and too many poor blooms. Greens do not sell well. Valley is more plentiful.

Two department stores' decorations, that of Gimbel Bros., by the Wm. Graham Co., and that of Strawbridge & Clothier, by J. J. Habermehl's Sons, have occurred since those last reported, but the general tone of the market is rather flat, despite the check on the outdoor supply.

West Grove.

It was a glorious September morning, cool and beautifully clear after the fierce storm of a few hours before, when the early train over the Baltimore Central rolled out of Broad street station. There was a pair of floricultural chaps on board, D. T. Conner, determined to convince the Chester county growers that Lord & Burnham material is the best for building, and incidentally to visit the scenes of his boyhood, and Phil, determined to prove to Chester county that the REVIEW is far and away the most progressive paper of the day; both bent on enjoying a day's outing.

By the time Chadd's Ford was reached it was decided that there were too many places to visit half of them in a day and that it would be better to see a few and do them thoroughly rather than hurry over a large number, leaving the others until some future day. Mr. Conner further decided that, while the railroad had contracted to carry the pair to West Grove, the train should be left at Avondale in order to secure a central base of operations from which both West Grove and Kennett would be easily accessible. So at Avondale the pair disembarked, instantly contracting with an enterprising local livery man for a horse warranted to outstrip anything on the road, with buggy with lap cover, hitching strap and blanket, everything complete for an indefinite period, on consideration whereof the pair were to pay the sum of $1. This merely nominal rental so delighted Mr. Conner that he put Patrick (the descendant of Maud S. responded to this name) through his paces in such good style that by nine o'clock he was safely tied at the Conard & Jones Co.'s place at West Grove, where the pair were most kindly received by Antoine Wintzer.

The place is said to consist of about 50,000 square feet of glass, with about thirty-five acres of ground outside under cultivation. Mr. Wintzer showed his visitors over the entire place, giving freely of his vast store of knowledge in a way that recalled the fascinating talk of Robert Craig, making the three and a half hours spent with him seem like but thirty minutes.

First came the inspection of the sheds. Folding paper boxes have succeeded the cumbersome cigar boxes for orders of small lots of young rose plants to all parts of this country as well as to Cuba and Porto Rico, while the tubular boxes are used when sending to Europe or South America. After a look at the boilers (one had been going a few days) came the houses devoted to tropical, bedding and miscellaneous plants used in a catalogue trade. It was a general collection, including many well-known and some scarce plants, chiefly soft-wooded. A certain Mexican palm said to be a winner as an addition to inexpensive collections—the American people do love getting something for nothing—was very prominent.

Next came the rose houses. Here Mr. Wintzer was in his element, going from variety to variety, giving the name and characteristics of each with a facility simply marvelous, proof of years of careful study combined with a true love of our calling.

"Here is the old Perle, you will mind, Dennis," he said, turning to Mr. Conner, who was his pupil for ten years. "We had it in '75, the year after it came out. This is Mme. Gerard. John Burton got some of that to replace Ma. Capucine, which wasn't a grower. See what rich foliage and fine growth Mme. Gerard has. This is Magnafrano. We could have sold 50,000 of that rose, but we sent it out too soon and never could get stock enough. This is Mme. Abel Chatenay; the American Rose Co. made a hit with that. And this is one of Lambert's new varieties. I wish you could see a flower of it. It is a beauty, but there was a Quaker lady married down here today and all the good flowers were taken off," and so on over hundreds of varieties, with occasional anathemas on the rapacity of the aforesaid Quaker lady. That bride must have had a bouquet such as H. H. Battles delights to hold up and say that "this bunch cannot be duplicated in America," though it may be Mr. Battles would not have approved the great variety of color and shades of color that bouquet must have contained. A cutting bench with sand from a near-by quarry was full of rose cuttings just callousing, bottom heat but seldom used as yet.

Outside, despite the fierce storm of the night before, was one of the finest sights one could wish to see. Five acres or more planted with cannas. Such cannas! Nowhere else can a finer collection of blue blooded, aristocratic cannas be found. Here is a beautiful bed of Brandywine, considered the best of its kind, its rich bronze foliage giving contrast to the large red flowers; there a half dozen long rows of seedlings from seed of Buttercup, grand, green-leaved, yellow-flowered cannas whose characteristic of faithful reproduction is so rare among the cannas.

Then there were the experiments under way in hybridizing. Long rows of varieties carefully labeled with date and name of variety used in cross. Here Mr. Wintzer is in a world of his own into which the ordinary mortal can go but a little way. Progress is being made slowly but surely. Hundreds of seedlings of the best sorts are thrown away every year as no improvement over their parents, while an important advance in the method of hybridizing

A Dollar Saved is a Dollar Earned

TO-DAY, MY STOCK OF ALL SIZES OF

KENTIAS is recognized as the finest in the country. They are

SHIPPED to every state in the Union. Evidently

NOW is the time to order your plants to

SAVE express charges, which runs into

MONEY have them sent

IN mild weather by **FREIGHT**



KENTIA BELMOREANA.

KENTIA BELMOREANA.

					Per doz.	Per 100
3-inch pots,	to 5 leaves,	12 to 15 inches high			$2.00	$15.00
4 "	5 to 6 "	15 to 18 "			4.50	35.00
5 "	6 to 7 "	18 to 20 "			6.00	50.00
5 "	6 to 7 "	20 "			9.00	70.00
					Each	Per doz.
6 "	6 "	20 to 24 "			$1.00	$12.00
6 "	6 to 7 "	28 to 30 "			1.25	15.00
6 "	6 to 7 "	30 to 36 "			1.50	15.00
8 "	6 to 7 "	34 to 36 "			2.50	30.00

KENTIA FORSTERIANA.

6-inch pots,	5 to 6 leaves,	28 to 30 inches high			1.00	12.00
6 "	6 "	30 to 32 "			1.25	15.00
6 "	6 "	32 to 36 "			1.50	18.00

MADE UP PLANTS.

7-inch pot, 4 plants in pot, 32 inches high ..... Each $2.00
10-inch pot, 4 plants in pot, 48 to 54 inches high..... Each 5.00
8-inch pots, 4 plants in pot, 42 inches high..... Each $3.00
10-inch pots, 4 plants in pot, 60 inches high..... Each 6.50

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

with difficult sorts has been made that should result in the future.

The Philadelphia Rambler in all stages of growth was a very interesting sight. Mr. Wintzer considers it unquestionably an improvement on the Crimson Rambler. A bed of Hydrangea paniculata grandiflora closely planted was pointed out as an example of the way this variety can be made to hold up its heads of bloom. The grounds are filled with great quantities of shrubs and small fruits.

After a hearty clasp of the hand of the representative of the Conard & Jones Co., the Philadelphians turned Patrick's head toward the West Grove Inn and dinner.

Various Notes.

M. Rice & Co. are receiving fresh importations of immortelles, immortelle wreaths and moss wreaths.

The flower store in the new Bellevue-Stratford hotel, to be occupied by J. J. Habermehl's Sons, will, it is said, be ready early in October.

R. G. Palmer, of Doylestown, built a new house the past summer which he has planted with Brides and Maids. Two of his other houses are planted with carnations.

Charles F. Edgar & Co. are receiving shipments of good single violets.

Wm. Wunder, of Pittville, is sending in fine blooms of Enchantress to the Flower Market.

Pennock Bros. had a showy window this week, just a vase of Dahlia Clifford W. Bruton, yellow, very decorative, and ferns.

Edward Reid is expected home next Sunday.

F. & H. Mergenthaler, of Germantown, are sending exceptionally fine, heavy-stemmed Kaiserins to the Flower Market.

Samuel S. Pennock is receiving choice cattleyas and dendrobiums, also early white and pink chrysanthemums.

The first president's reception at the Florists' Club next Tuesday evening is being looked forward to with eagerness.

Eugene Bernheimer has been out in Chester and Lancaster counties. Among other things, he spoke with pleasure of a visit to John E. Haines, of Bethlehem, a grower par excellence of seedling carnations. Mr. Haines has many seedlings of promise. A scarlet in particular, now five years old, should make a stir when sent out in the spring of 1906.

Wm. J. Baker is receiving some nice blooms of Fair Maid.

Phil desires to inform his grace of York that Glencoe was sold last Wednesday.

Joseph Heacock records an increasing demand for fine kentias.

A story is told—you must judge of its accuracy—of two sporty florists returning from Atlantic City. It was hot but so dusty that the parlor car windows were closed. To their surprise they saw a pretty girl in a chair nearby take off her shoe and stocking and after carefully turning the stocking inside out both were put on again. This was repeated with the other shoe and the sports matched coins to see who should find out the reason for this strange performance. Bowing politely, the loser asked the girl if she would explain her action. At first she appeared annoyed but finally said, "I was so hot I just turned the hose on myself." PHIL.

LIGHT COLORED FOLIAGE.

I have observed that this season there is a great tendency to pale colored foliage on chrysanthemums, especially where water direct from deep chalk wells has to be used. The excess of lime in such water prevents a proper development of chlorophyll to the leaves, hence a paleness in color.

To counteract this defect in the foliage sulphate of iron, sulphate of ammonia, and nitrate of soda should be employed. Either of the two former applied to the roots in a liquid state twice weekly, at the rate of half an ounce to a gallon of water, will quickly change the color of the leaves. At the same time give the plants less water than they have been regularly receiving; keep them slightly on the dry side. The cause of loss in color was a partial check to the activity of the roots, and to continue an excess of water cannot be beneficial. If the plants are at all weak or backward in growth, half a teaspoonful of nitrate of soda, finely powdered and sprinkled on the surface of each 9-inch pot, watering it in, will quickly improve the color of the leaves and hasten the growth.—E. MOLYNEUX, in Gardeners' Magazine.

THE REVIEW is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. MCSWEENEY.

LOOK! SPECIAL! LOOK!

OVERSTOCKED. WE NEED THE SPACE. MUST SELL.

DURING OCTOBER ONLY.

$15 Worth of Wire Work for $10

Special extra discount of 10 per cent on above rate for orders of $25.00 net to us.

Wheat Sheaves during OCTOBER ONLY 25 per cent off.
Cycas, all sizes (catalogue prices), 33 1-3 per cent off.

The above offer is made on any catalogue issued in Chicago, our firm's or other's.

The unsettled conditions in the flower market make it hard to issue a price list,

BUT OUR REPUTATION HAS ALWAYS BEEN THAT WE FILL ORDERS WHEN OTHERS FAIL.

All stock in season at lowest market rates.

Following is the Current Market, subject to change:

AMERICAN BEAUTY.

	Per Doz.
30–36-inch stem	$3 00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem	per 100, $3.00 to 4.00

	Per 100
Brides and Maids	$2.00 to $5.00
Meteors and Gates	2.00 to 5.00
Liberty	$3.00 to $6.00
Kaiserin	3.00 to 8.00
Carnations	1.00 to 2.00
Valley	2.00 to 4.00
Asparagus Sprengeri	2.00 to 3.00
Asparagus	per string, 35c to 50c.
Ferns	per 1000, $1.00 .15
Galax, Green and Bronze	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	.75 to 1.00
Smilax	per doz., $1.50 10.00

KENNICOTT BROS. CO.

Wholesale Cut Flowers,

40, 42 and 44 Randolph Street, CHICAGO, ILL.

FANCY
CHRYSANTHEMUMS!
Yellow and White, strictly large and fancy, $4.00 per doz., October 3, and plenty thereafter. Also other smaller grades.
A. L. RANDALL CO.
WHOLESALE FLORISTS
19 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

CINCINNATI.

The Market.

The condition of trade is only medium. Good long-stemmed roses are still hard to find, though there are plenty of shorts. Beauties are not so plentiful and the price is a trifle higher. Some very nice Perles are to be had and sell well. Many growers have more or less mildew on their stock and this does not tend to increase the value of their product, though some of them do not seem to recognize this fact.

The supply of carnations is still small and the quality nothing to speak of. It is to be hoped that the fine weather that we are having at present will bring in a larger cut, as it is hard to get along without them now that asters and gladioli are fast playing out. The demand for them continues good. Long, nice dahlias sell well. Lily of the valley is scarce, also longiflorum lilies, and the demand for them is very fair.

The first chrysanthemums of the season were seen September 23, and their quality was good, all things considered. The variety was Willowbrook. The first violets also made their appearance last week. The variety was Lady Campbell and the quality was very fair. They are grown in the mountains of Virginia. Long, good cosmos is in and is being used for window decorations, where it is especially attractive. Julius Baer has his window decorated with it, and the effect is very pretty.

Various Notes.

H. M. Altick, of Dayton, was a visitor last week. He was here in the interest of the McKinley Memorial Fund, and was quite successful in obtaining subscriptions from the florists of this city. He is an earnest and untiring worker and greatly deserves the support of all the florists of the United States.

The falling of the floor of an outbuilding at the Pleasant Ridge school, thereby precipitating twenty-five little girls into the pit beneath, was one of the most terrible accidents that have occurred in this vicinity in years. Of the nine children who perished, two, aged seven and eleven, were the daughters of Wm. Card, employed with J. M. McCullough Sons' Co. The heartfelt sympathy of all is extended to Mr. Card and his family.

B. P. Critchell has just returned from a fishing trip to St. Mary's reservoir.

Wm. Speck has just finished planting his carnations. During the summer he tore down seven old houses and replaced them with five modern ones, which puts his plant in fine shape.

Philip Popp has completed one new house, 20x60, and remodeled his whole plant. He grows some of the best pot plants seen in the flower market.

Jim O'Malley, the heavy-weight of the florists in this city, is passing out 10-cent cigars. The cause is the arrival of a twelve-pound boy at his home. Three babies in two weeks is the record of the florists of this city. Let us hope that the end is not yet!

The next regular meeting of the Florists' Society will be held Saturday evening, October 8. Let all attend, as business of importance will come before the meeting.

C. J. Ohmer.

DES MOINES, IA.

Iowa State Fair Notes.

Not to mention amateur displays of beheaded asters, coxcombs, zinnias, pansies, dahlias, etc., without foliage, in sand flats, seen too often before to mental and digestive distress, the professional exhibit as a whole was scarcely commendable. In the amateur class fine material was wasted by the hundredweight; in fact, the quality here was much better than the professional stock used. Doubtless in other states as well as in Iowa, here is a field for educational work on the part of the state florists' associations. Last year the Society of Iowa Florists prevailed on the State Board of Agriculture to raise the value of the first premium for the best floral design from $20 to $35, second, $25, third, $15. This year it would seem advisable to make arrangement score forty points in amateur as well as in professional classes. Quantity scores thirty-five points and quality the remaining twenty-five points in judging floral exhibits. Displays of gladioli were good, asters fine quality, but poorly shown, general collections good as to variety, but lame as to arrangement.

A special feature which promised well to cut flower displays was the fine new Horticultural building with closed refrigerator cases. But instead of being placed in the center of the room with a view exposure from all directions, the cases were set on side walls and poorly lighted.

First premium was awarded to a memorial arch and pillow in white asters, carnations, Perle roses and adiantums; second premium to a massive cross of solid white aster background with garland of Chatenay roses, and a broad base filled with Boston fern plants embedded in sphagnum. The latter was much the better piece, but the former was given the first place on account of the judge's preference for white flowers in funeral work. It is a question scarcely debatable why such exhibitors so often choose funeral designs rather than special exhibition pieces, but we were treated to the other extreme in the presentation of an aster cow, and an aster pig with its snout in an aster trough, the vertebræ of all three pieces of furniture being outlined with adiantums! and this from a professional in the year of enlightenment, 1904! We need not sigh for common sense in amateur exhibits until we elevate the professionals a peg or two.

G. B.

Vaughan & Sperry
58-60 WABASH AVE., CHICAGO.
WHOLESALE
CUT FLOWERS and SUPPLIES.
All Cut Flowers in Season at Current Market Price.
Send us your orders and we will "DELIVER THE GOODS."
CONSIGNMENTS SOLICITED.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

FRANCIS BRILL, Hempstead, L. I., reports fair prospects on cabbage and cauliflower crops.

THE C. H. Joosten estate is to be settled October 8. The business will go on uninterruptedly.

THE winter top onion set seems to have hidden itself. There is a brisk demand but no supply.

AUGUST RHOTERT, New York, and Mrs. Rhotert, will reach home October 1 after a European trip of ten weeks.

PHILADELPHIA.—H. M. Earl, of Burpee & Co., has returned from a tour of western seed growing districts.

THE growers say that the early varieties of sweet corn are safe, and that there will be no scarcity of the late varieties.

THE past week has not given good bean weather; too much moisture is not a good thing at this time for beans, whether harvested or still standing.

VISITED CHICAGO: J. E. Killen, representing Wm. Rennie, Toronto, Canada; Alex Niven, London, England, who was for thirty years in the grain business at Constantinople.

THE Jerome B. Rice Seed Co. has issued its annual onion crop report, estimating the total crop as 2,835,365 bushels, as against 3,285,800 bushels from the same districts in 1903.

SEVERAL car loads of peas from northern Michigan have reached Chicago. The samples are thought to represent in a general way the year's product from that section and are reported to be very satisfactory.

LEONARD SEED CO., Chicago, report that specimen vines with the fruits on them just received at its office from several cucumber seed growing sections give very poor assurance of anything like a good crop. The specimens received cover most of the standard kinds.

PRESENT indications point to a high price for onion sets next spring. The delayed harvest at many of the important growing points brought the end of the harvest into bad weather conditions, and when onion sets are harvested wet there is little chance that they will winter well.

JAS. J. H. GREGORY, Marblehead, Mass., writes September 19: "The cold spring was unfavorable to early planting and consequently our annuals, such as corn, tomatoes and squash, are later than usual, but are cropping exceptionally well. The biennials, as a rule, kept poorly, especially cabbage and onion; consequently the crop from these will be lighter than the average. Carrots with us are the exception, having passed through in fine condition. They have seeded well but are late and an early frost would shorten the crop."

Garden Seeds and Sweet Corn.

THE EVERETT B. CLARK CO., MILFORD, CONN.

Have just harvested of excellent quality and offer: TURNIP—Red Flat Strap, Red Top Globe and P. T. Rutabaga. PARSNIP—Long Smooth, and Hollow Crown. BEET—Crosby's Egyptian, Edmands Impd., and Dewings B.T. ONION—Southport Yellow and Red Globe and Selected Y. G. D.

FALL PRICES ON SWEET CORN NOW READY.
☞ THE ABOVE IS ALL STRICTLY CONNECTICUT GROWN.

Mention The Review when you write.

D. Landreth Seed Company

BLOOMSDALE SEED FARM

BRISTOL, PA.

WHOLESALE ORDERS SOLICITED

Lawn Grass Seed in bulk and packages



Special Prices to dealers. **GOLF MIXTURES.**

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

French Grown Narcissi

PAPER WHITES, well matured bulbs, 13 cms. in diameter, flowers large and white. Selling at $7.50 per 1000 in cases of about 1400 bulbs. Sample free.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving. Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

FLORISTS' BULBS

—OR—

HIGHEST QUALITY.

Get our prices before buying elsewhere. . .

E. F. Winterson Co. F. F. Winterson, John P. Degnan, L. H. Winterson

Established 1894

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

CHRISTMAS Sweet Peas

Zvolanek's Christmas, pink; Fl. Denzer, pure white. These two varieties, if sown around the first days in September, will bloom for Christmas and all winter. Over 1500 florists grew them last year with the best results. Price, per pkt., 75c.; one pound, $2.00; mailed free. Genuine only when in my original packets, with directions. Not less than one packet mailed.

ANT. C. ZVOLANEK,

The Originator, GRAND VIEW, N. J.

POSTAL MONEY ORDERS, SOMERVILLE, N. J.

Mention The Review when you write.

WISCONSIN SEED CROPS.

The John H. Allan Seed Co., Sheboygan, Wis., writes under date of September 23:

"Pea crops in nearly all sections are turning out much less than anticipated, the greatest shortage, as usual, being on the tender wrinkled sorts, these having suffered considerably from wet, cold weather in the fore part of the season and later the lack of genial weather did not cause the pods to fill properly. The weather in this immediate section during harvest was favorable and crop has been saved in good condition, while further north more frequent rains delayed harvest, and, of course, considerably damaged the crops.



Freesia Bulbs!

	100	1000		100	1000
First Size, 5/8-in and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " 3/4-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

"There does not seem to be any surplus of any sort of peas in sight, while on many of the wrinkled sorts there cannot be enough to supply the demand.

"Regarding crop of beans, it is difficult to give any definite information as harvest has only begun. But from all of our advices, wax beans will be very light crop, while some of the hardier green pod varieties have come through much better. Our crops in this section are not over one-half to two-thirds of a crop, while in New York state the return is even more disappointing."

MAILING CATALOGUES.

The postoffice department has at length issued a ruling putting into effect the act of Congress of April 28, 1904, under which catalogues may be mailed without stamps affixed. Copies of the circular are not yet available for general distribution at all postoffices but are expected to be shortly. Summarized the procedure is as follows:

First one must make application to his postmaster for a permit to mail matter under this law. Such application need be nothing more than a letter to the postmaster, who will forward it to the third assistant postmaster general at Washington for approval. At the Chicago postoffice it is supposed that this permit is good until revoked, although the superintendent of mails has no information on this point.

Permit in hand, the matter must be prepared with a prescribed form of return card in the upper left corner of the address label, name of sender and office of mailing. In the upper right corner must appear the words, "Third class matter, paid in money," stating the amount of postage on each piece and the permit number. The size of type, even, is prescribed. The separately addressed pieces must be all faced one way and separated into states, cities, etc., or tied in packages of a given number, as the postmaster may request.

The matter must be presented for mailing at the place designated by the postmaster, accompanied by a statement on a form which is provided, showing number of pieces (not less than 2000 identical pieces), permit number, class of matter and weight of a single piece, signed by the person to whom the permit is issued. If all in due form currency must then be paid at the same rate as though stamps were affixed.

PANSY SEED.

Some time ago I ordered a pound of pansy seed from a firm in London, England. The seed reached my postoffice September 3, accompanied by a notice from the postmaster at New York to the postmaster here to notify the nearest custom-house officials. He wrote to Nashville, the nearest port of entry, and they asked some questions as to contents of package, cost, etc., which were answered promptly. But nothing more has been heard and I am impatient to get my seed. I have been ordering seed in England and Germany for some years in larger quantities than this, but never had any trouble before. J. M.

The usual practice in cases where mail packages are destined for cities in which there is no custom-house is to turn them over to the collector at New York for appraisement, after which they are forwarded to destination, but sometimes they are sent for examination to the custom-house nearest to destination. It would seem that the error in this case was that examination was not made before the package was despatched to your town.

Late Arrival **Harrisii or Longiflorum**

BERMUDA-GROWN.

Our grower has sent us a late shipment of Harrisii and Longiflorum Bulbs, they are all **PACKED IN SAND AND IN A1 CONDITION.**

They are from our regular grower—no second quality bulbs. We can recommend them as they are such as we grow in **OUR OWN GREENHOUSES AT ARLINGTON.**

$10.00 PER CASE.

200 7-9 BULBS IN A CASE. REGULAR PRICE $16.00.

W.W. RAWSON & CO., 12 and 13 Faneuil Hall Sq. Boston, Mass.

Mention The Review when you write.

Thorburn's Bulbs

JAPAN Lilium Longiflorum

NOW ON HAND.

— ALSO —

LILIUM HARRISII and ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.

Areca Lutescens....at $3.00 per 1000
Kentia Forsteriana at 3.50 "
Kentia Belmoreana at 4.00 "

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

Palm Seeds!

We have just received a shipment of fine large seeds of Kentia Belmoreana we quote at the following low prices: 100 for 50c, 500 for $1 75, 1000 for $3.25, 2000 for $6.00. These seeds are strictly fresh. Send in a trial order. CASH. : : : : : : :

THE LIVINGSTON SEED CO.

COLUMBUS, OHIO.

Mention The Review when you write.

AN AUCTION PROPOSITION.

Harrisii Lily blooms were considered dead stock after Easter. This is not the case to-day. The demand is constantly growing for this class of goods especially for funeral work. This fact alone pays you for growing them. Enough said. The question is, do you want 400—5 x 7 guaranteed sound bulbs for $12 00? If not, what will you offer us?

Wm. Elliott & Sons,

Auction Dept. New York.

SUZUKI & IIDA

Chinese Sacred Lilies
Japan-Grown Callas

ON HAND NOW. PRICES ON APPLICATION.

31 BARCLAY STREET,
NEW YORK.

Mention The Review when you write.

Flower seeds are on the free list, but must be examined just the same. The postmaster will probably have to forward the package to the custom-house for examination before it can be delivered to you.

F. B. V.

THE SEEDSMAN'S ASSISTANT.

Under date of September 23, Howard M. Earl, of W. Atlee Burpee & Co., sends out a lengthy letter in which he takes exception to certain statements of fact in a book called "The Seedman's Assistant," by Charles Johnson. Under date of August 6 we received the following letter which we think summarizes Mr. Earl's criticism:

Our good friend, Mr. Charles Johnson, in his book entitled "The Seedsman's Assistant," goes beyond the safety line when he gives synonyms for the benefit of the uninitiated. His compendium of the sources of supply will do no one any special hurt, neither will his list of how much seed should go into a packet. His argument in favor of the seed product of one section as compared with that of another is another pool not too deep for a footing in case of cramp. In my opinion, however, the synonym part of the book would better have been left out. I say this as much for the sake of Mr. Johnson's reputation as for the well-being of any who may be inclined to consider his long experience a sufficient surety for the correctness of his list. JOHN M. CLARK,
Sec'y Leonard Seed Co.

A POTATO AUCTION.

W. W. Johnson & Son, the well-known seedsmen of Boston, England, recently adopted a novel method of distributing a new potato, named Pearl. After selling considerable quantities at the high price of £7 10s per pound, they had sixty-four hills remaining in their trial ground and announced an auction. A good crowd having assembled, one hill was opened, discovering twenty tubers which were bid in for £13 10s. Then the remaining hills were sold without opening, each being tagged with the purchaser's name as sold. The average price was £9 per root. After all had been bid in, the purchasers were permitted to uncover their seed.

I LIKE the REVIEW very much and do not wish to be without it.—J. W. CROPPER, Akron, O.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

"THE more we advertise in the REVIEW the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement."—WM. BIERSTADT & SON, Springfield, Ill.

French and Dutch BULBS FOR FORCING.

		Per doz.	100	1000
NARCISSUS	Paper White Grandiflora, 13 to 15 centimeters	$0.20	$1.25	$10.00
	Trumpet Major (French grown) fine	.35	2.00	15.00
	Giant Princeps, double-nosed bulbs	.15	.85	7.50
TULIPS	Single Early, fine mixed	.60	5.25	
	" " superfine mixed	.70	6.50	
	Double Early, fine mixed	.75	6.00	
	" " superfine mixed	.90	8.00	

NAMED DUTCH HYACINTHS Splendid bulbs, 17 centimeters and over. For pot forcing or bedding. Single, separate colors and true to name, per 100, $4.25; per 1000, $40.00. All the standard varieties.

SINGLE or DOUBLE DUTCH HYACINTHS 15 centimeters and over. For bedding and pots, separate colors, per 100, $2.75; per 1000, $26.00.

FRENCH WHITE ROMAN HYACINTHS 12-15 cms. (2000 to case), 40c, per doz.; $2.75 per 100; $26.00 per 1000.

Send for our NEW AUTUMN BULB LIST FOR FLORISTS.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Harrisii Lily Bulbs

CAREFULLY SELECTED, TRUE STOCK,
FREE FROM DISEASE.

☞ A LOW PRICE FOR IMMEDIATE ORDERS TO CLOSE OUT.

5-7-inch, $4.00 per 100; $36.00 per 1000.
7-9-inch, 8.00 " 78.00 "

Henry F. Michell Co. 1018 Market St. Philadelphia

Mention The Review when you write.

BIG CALLA BULBS

Diameter.	Per 100	Per 1000
2 to 2⅛ inches	$12.00	$100.00
1¾ to 2 inches	7.00	60.00
1 to 1⅛ inches	4.00	35.00

All with good center shoots sound, ripe and healthy. Dutch, French and Bermuda Bulbs now ready. Send for catalogue.

ARTHUR T. BODDINGTON, SEEDS, BULBS AND PLANTS, 342 WEST 14th STREET, NEW YORK

Mention The Review when you write.

Bamboo Plant Stakes, Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅜ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.



TRADE MARK REGISTERED

Mr. Business Man

By the use of ribbon and chiffon you add to the charm of your flowers a strong appeal to feminine nature.

Our goods are in florists' shops throughout the country. If not in yours, write us for samples.

LION & WERTHEIMER,

RIBBON MANUFACTURERS

463-467 Broadway, NEW YORK CITY.

Mention The Review when you write.

IT IS TO LAUGH.

The following is an extract from an article by Rene Bache, published in a recent issue of our venerable contemporary, the Saturday Evening Post:

Forty thousand acres of glass in the neighborhood of Boston alone are now devoted to the forcing of vegetables, in order that a privileged and luxurious class may have celery, lettuce, tomatoes, cauliflower and cucumbers in winter. By the adoption of ingenious, yet simple, expedients, an artificial summer is maintained all the year around, and even the climate of the tropics is counterfeited for the growing of products belonging to hot latitudes. In such ways no less than $5,000,000 worth of table delicacies is raised for market in this country annually, no price being deemed too high to pay for dainties that are out of season.

Thus lettuce is grown in the south in "cold frames," to meet the Christmas demand, and the gardener, when this crop has been gathered, starts egg plants under glass sashes. Electric lettuce, forced under arc lights, is raised on a considerable scale near Boston, the plants being compelled by this means to work night and day. It may be a hardship for them, but when the product fetches $3 a dozen heads a poor vegetable has no rights that the commercial horticulturist feels bound to respect. Hothouse lettuce supplements the cold-frame output, and thus the delicacy, green and crisp, is obtainable in any month of the year.

Winter cucumbers are grown on overhead trellises, being made almost seedless by restricting the stock in a greenhouse to a single variety, to prevent cross-fertilization, and tomatoes are ingeniously manipulated by cutting the plants down and removing all but a certain number of fruits, which not only attain extraordinary size and juiciness, but ripen considerably ahead of time. Such tomatoes fetch 40 cents a pound, but they are worth it, considering the fact that they may be purchased all through the season when outdoor ones are unobtainable.

The earliest cantaloupes are from New Orleans and fetch $1.50 each. Twice that price is paid sometimes for cantaloupes grown on trellises, each individual fruit being suspended in a sort of sling, with a piece of board a foot square to rest upon, so that it cannot suffer defilement by contact with the earth.

Shades of Benjamin Franklin! What tommy-rot! And what a lot of glass in the neighborhood of Boston. Forty thousand acres is 1,742,400,000 square feet. The census of 1900 discovered in the whole United States a total glass area of but 96,230,420 square feet (2,209 acres) devoted to cut flowers, plants and vegetables. This is only one-eighteenth of what Mr. Bache attributes to vegetables alone in the neighborhood of Boston!

Upper Sandusky, O.—S. O. Streby says the summer season has been about as usual, and that prospects are for better trade than ever this fall and winter.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

A sketch of the life of the late Jacob Warren Manning has been reprinted in neat pamphlet form from the "Massachusetts Edition of the American Series of Popular Biographies."

A summary of the new postoffice ruling under which catalogues may now be mailed in quantities of not less than 2,000 identical pieces without stamps affixed will be found on page 910 of this issue.

A European nurseryman states, in a catalogue just to hand, that "at the prices quoted we send out good stuff, not fragments of plants," which is on a par with the assertion of a western nurseryman whose catalogue declares that "no plants shipped by mail; we do not deal in microscopic specimens."

AMERICAN PEONY SOCIETY.

I am very much pleased to be able to send you the following statement of peonies (three plants each) received from the members of the American Peony Society, who are contributing to the cooperative test now under way between the experiment station of Cornell University and the American Peony Society:

Jackson & Perkins Co., Newark, N. Y., 41 varieties.

J. F. Rosenfield, West Point, Neb., 143 varieties.

W. & T. Smith Co., Geneva, N. Y., 55 varieties.

Peterson Nursery, Chicago, Ill., 125 varieties.

John Craig.

CATALOGUES RECEIVED.

T. R. Watson, Plymouth, Mass., nursery stock; The Tottenham Nurseries, Dedemsvaart, Holland, nursery stock; W. W. Barnard & Co., Chicago, bulbs.

A new cemetery is to be developed at Jamestown, N. Y. James L. Weeks is president of the corporation.

Robert D. Patton has charge of the work upon a new cemetery being established near Colorado Springs at a large cost for landscaping.

Apple Seedlings, Apple Grafts

FOREST TREE SEEDLINGS, GENERAL NURSERY STOCK

WE ARE PREPARED to furnish Nebraska or Kansas-grown Apple Seedlings, and will contract to furnish piece root or whole root grafts in quantities. We issue no retail catalogue, and want replies from nurserymen or planters who buy in large quantities. Wholesale Price List ready Sept. 1. Satisfaction guaranteed.

SHENANDOAH NURSERIES,

D. S. LAKE, Prop. SHENANDOAH, IA.

Mention The Review when you write.

CALIFORNIA PRIVET

500,000 plants, all sizes up to 4½ feet. Fine, bushy plants. Large block must be cleared this fall. Will make very low prices on any quantity from 1000 to a carload. You can save lots of money by getting my prices.

James McColgan, Red Bank, N. J.

Mention The Review when you write.

VAN DER WEIJDEN & CO.

The Nurseries, BOSKOOP, HOLLAND.

NURSERY STOCK. FLORIST STOCK.

Such as Rhododendrons, Azaleas, Boxwood, Blue Spruce (Koster), Magnolia, Taxus and Conifers in variety, Clematis, H. P. Dwarf and Tree Roses, Crimson Ramblers, Pot-grown Plants for forcing, etc. First quality only. Moderate prices.

Ask for prices. Catalogue free on demand. No agents.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

LAST CALL FOR PEONIES

No charge for packing, but not less than **FIVE PLANTS OF A VARIETY** at these low prices. **WE GUARANTEE OUR STOCK TRUE AND WILL REPLACE WITH THREE ANY PLANT WHICH IS NOT TRUE TO DESCRIPTION.** For full description send for illustrated price list.

These prices are for **STRONG DIVIDED PLANTS OF 3 TO 5 EYES** or undivided when age is given. The sorts are listed by colors in their order of blooming.

WHITE.

	Divided.	2 yr.-old
FESTIVA MAXIMA, tal'st dbl. paper white,	35c	$1.00
QUEEN VICTORIA, or Whitleyi, best keeper and shipper	12c	.35
MME. BREON, blush guard	15c	.40
FESTIVA, or Drop White, free paper white	20c	.60
GOLDEN HARVEST, lemon center, blush guard	20c	.75
MME. CALOT, faint blush guard, 1-year-old,	40c	

PINK.

MELANIE HENRY, large, full pink	25c	.75
HENRY IV., rosy pink	10c	.40
CLARISSA, rosy pink	10c	.40
MLLE. ROSE RENDATLER, dark pink	15c	.60

ROSE.

	Divided.	2 yr.-old
CONSTANT DEVERED, first rosy purple	10c	.40
DUC DE CAZES, very large, deep guard	10c	.35
CHARLES VERDIER, most fragrant	10c	*.50
M. BARRAL, clear, solid rose	30c	.75
ROSEA SUPERBA, late, clear rose	10c	.35

RED.

PURPUREA DELACHEI, large, full black,	20c	*1.25
BOSSUET, current red	20c	.50

*3-year old.

IRIS.

MME. CHEREAU, tall white, frilled with violet.
QUEEN OF MAY, rare shade of lilac.
FLORENTINA, solid, pearly white, first to bloom.
BLK. PRINCE, rich velvety purple, very large bloom.
10 FOR 50c. 100 FOR $4.00.

SPECIOSA, or odoratissima, dark lavender, most fragrant.
SANS SOUCI, brightest yellow, longest keeper.
CELESTE, delicate lavender.
10 FOR 35c. 100 FOR $3.00.

PETERSON NURSERY,

Lincoln and Peterson Aves., ESTABLISHED 1856. CHICAGO.

Mention The Review when you write.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description, of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Bay State Nurseries

HIGH GRADE NURSERY STOCK OF EVERY DESCRIPTION.

Free from Disease. Carefully Packed. Prices Reasonable. Personal attention given to every order.

A few Leaders:— **BERBERIS THUNBERGII, SPIRAEA VAN HOUTTEI** and **CLEMATIS PANICULATA** by the thousand.

NORWAY MAPLE. Extra fine, all sizes, in carload lots.

CALIFORNIA PRIVET. $12 to $30 per 1000.

RHODODENDRON MAXIMUM and KALMIA LATIFOLIA in carloads or smaller quantity. **Wholesale Trade List on application.**

WINDSOR H. WYMAN, NORTH ABINGTON, MASS.

Mention The Review when you write.

Privet, Silver Maples, Carolina Poplars,

LOMBARDY POPLARS, CATALPA SPECIOSA, VINES, all in surplus.

Also **OTHER SHRUBS AND TREES IN LARGE ASSORTMENT.**

SHREWSBURY NURSERIES, EATONTOWN, N. J.

SEND FOR WHOLESALE PRICE LIST.

Mention The Review when you write.

Always Mention the....
Florists' Review
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Always Mention the....
Florists' Review
When Writing Advertisers.

SAMUEL S. PENNOCK,

DAHLIAS. Commencing Monday, the 26th inst., store will be open from 7:30 a. m. to 8 p. m.

See our Special Page No. 857 in last week's Review.

The Wholesale Florist, PHILADELPHIA.

Commencing Sept. 1, open daily, 7 a. m. to 6 p. m.

Mention The Review when you write.

Chrysanthemums, Beauties and Kaiserins

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

A ROSE-COLORED hybrid astilbe has been exhibited by Van Waveren & Kruijff, Haarlem, Holland, and has received much notice.

SINNINGIA REGINA.—This species was exhibited last year at the Ghent quinquennial show as Gesneria regina, by M. De Smet-Duvivier, from whom a plant was purchased for Kew, where it flowered in April and May, 1904. From the most cursory glance it was obvious that the plant was not a gesneria, and on examination it proved to be a sinningia (gloxinia of gardens), allied to S. discolor and S. Menziesiana. S. regina is reported to have been introduced with a cattleya from Brazil, but until this is confirmed by properly authenticated wild specimens, the possibility of a hybrid origin cannot altogether be excluded. Sinningia regina is a strikingly handsome plant, about nine inches high, with dark green, velvety leaves, purple on their under surface. The flowers are pale violet and drooping, and are borne on long flower-stalks, four to six together in the axil of each leaf; as two successive pairs of leaves are usually close together on the stem, the effect is that of two many-flowered whorls, and is very fine. The duration of the flowering period is about six weeks, so that this plant is likely to become a favorite. The stock has recently been acquired by Ernst Benary, Erfurt, Germany.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—A set of Bailey's Encyclopedia of American Horticulture; four volumes; perfectly new, never used; will sell for $15 cash. A. Wenisch, Jr., florist, Duncombe ave., Williamsbridge, N. Y.

SITUATION WANTED—By a good all-around gardener and florist, 14 years' experience in this country and England, good references. Address No. 35, care Florists' Review, Chicago.

SITUATION WANTED—By young rose grower, 24 years, have had practical experience in eading varieties, very steady and strictly temperate, vacinity of Philadelphia or Washington preferred, can give reference. Address No. 34, care Florists' Review, Chicago.

WANTED—First-class store man good designer and decorator, state wages experience, etc., in first letter as party is wanted at once. Address Honaker the Florist, Lexington, Ky.

FOR SALE—Florist's ice chest, measuring 7 ft. high; 5 ft. wide; 25 inches deep; quarter sawed oak with double glass door 42 inches high; mirror back on inside. Address No. 36, Florists' Review, Chicago.

SITUATION WANTED—Young man 23 years of age would like position as travelling man. Have served 4 years in florist store, 4 years in greenhouses. Have natural aptitude for salesman. Address with particulars, No. 33, care Florists' Review, Chicago.

FOR SALE OR LEASE—Greenhouse property, 15 acres land; one greenhouse 100x22; one greenhouse 200x22; house and barn. Inquire of W. E. Allen, 215 West St. Leominster, Mass.

SITUATION WANTED—Young man 23 years wants position in first-class establishment in which he can learn designing and decorating, has had 3 years experience in growing pot plants. Chicago preferred. Address No. 32, care Florists' Review, Chicago.

FOR SALE—Greenhouse property; A1 condition; nearly new; 4 even span houses of about 12000 square feet glass. Used for forcing cucumbers, but good for carnations, roses, or other plants for wholesale trade. Will be sold at a bargain if taken at once. Rentable real estate taken in part payment. Address Chas. L. Pierce, 96 Vernon St., Gardner, Mass.

FOR SALE—Four acres of land all planted with good salable nursery stock and 9000 feet of glass in good condition. Address G. Teufel, R. F. D. Portland, Ore.

SITUATION WANTED—By young man 28, with 12 years' experience, as florist and steam fitter and generally handy at anything; American born; 1¼ years at last place; can furnish reference. Address No. 28, care Florists' Review, Chicago.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

SITUATION WANTED—On private place by man of long experience in the business; has been employed in the leading establishments, both indoors and out, in this country and England; 10 years in this country; can furnish best of references as to ability, etc.; Englishman; age 35. Address J. Wild, Nelson's Nurseries, Glen View, Ill.

FOR SALE—A well-established, well-stocked, first-class retail florist store in the business center of one of the largest cities of the middle states; excellent patronage; handles the flowers of 100,000 sq. feet of glass. For full particulars address No. 27, care of Florists' Review, Chicago.

SITUATION WANTED—Up-to-date florist, first-class designer, window dresser and decorator with 10 years' experience in eastern stores and several years as manager in western stores, wishes the management of up-to-date store; highest references given. Address No. 26, care Florists' Review, Chicago.

FOR SALE—Owing to the death of the proprietor, the Lake Geneva greenhouses are offered for sale. For particulars address W. H. Hammersley, Lake Geneva, Wis.

WANTED—At country place (private), a man to milk cows and do work of garden and small greenhouse. Address with references and wages expected, Mrs. Crump Nitta Yuma, Miss.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Competent night fireman; must be strictly temperate and industrious; wages $45 per month. J. W. Dunford, Clayton, Mo.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6 000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

FOR SALE—1,000 feet 4-in. cast pipe, 8c per foot; fittings at 15c each, f.o.b. Chase & Son, New London, Ohio.

FOR SALE—Boilers; cheap; two 70 horse-power horizontal return tubulars, each in good condition; will sell singly; just the thing for heating purposes. For particulars write the Glenside Woolen Mills, Skaneateles Falls, N. Y.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, dwelling and 2½ acres; best location in state; home water system; coal 50 cents per ton. G. L. Tyler, Dubois, Pa.

FOR SALE—Or rent, greenhouse of 1,800 sq. ft. of glass and 11 acres of land; 5-room house and all outbuildings. Address Box 34, Rogers, Ohio.

FOR SALE—Some extra good second-hand 3-inch pipe, guaranteed sound, 6c per foot; also some 4-inch. W. H. Salter, Rochester, N. Y.

WANTED—Before September 25, a first-class grower of roses and carnations; wages $60.00 per month; place permanent. Address No. 4, care Florists' Review, Chicago.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

Situation Wanted.

By an all around grower of cut flowers and florists' plants, position as foreman or manager on wholesale or retail place; over 20 years experience in all branches of the business; would accept a position as propagator on large place in vicinity of Chicago. Address

NO. 19,
Care Florists' Review, Chicago.

WANTED.

A good reliable man capable of taking charge of a wholesale and retail store. State experience and salary expected in first letter. Permanent position to right party.

Address No. 30, care Florists' Review, Chicago.

WANTED: An Experienced Fern Grower.

Must understand the raising of Ferns thoroughly. Permanent position for the right man. Address

HENRY A. DREER, Inc., -- RIVERTON, N. J.

WANTED.

WHITE LAWSON rooted cuttings for January delivery. Send price and state quantity you can supply to

WHITE LAWSON,
Care Florists' Review, Chicago.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25,900 square feet of glass from 50 to 60 degrees. For further particulars

Address S. J. REUTER, WESTERLY, R. I.

WILD SMILAX IN ALL SIZES. DAHLIAS.

SEE OUR CARNATION CARD ON PAGE 925.

THE LEO NIESSEN CO., 1217 Arch St., Philadelphia, Pa.

Mention The Review when you write.

WRITE TO OR CALL ON **EUGENE BERNHEIMER,** Wholesale Florist.

For all fancy and standard varieties of . . . . **CARNATIONS AND ROSES.**

11 SOUTH 16th STREET, - - - PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
30 to 36-inch stems	$3.00
24-inch stems	2.00
18-inch stems	1.50
12-inch stems	1.00
Short stems	per 100, $4.00 to 6.00

	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00
" " " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
GOLDEN GATES	2.00 to 4.00
CARNATIONS	1.00 to 1.50

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00

Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

W. P. PEACOCK,
Dahlia Specialist. ATCO, N. J.

Wholesale Cut Flower Prices.

Philadelphia, Sept. 28.

		Per doz.
Beauties, Specials	$2.00 to	3.00
" Extra		1.50
" Medium		1.00
" Short	.50 to	.75
Queen of Edgely, Medium		1.00
" " Short	.50 to	.75
" " Extra	1.50 to	2.00
		Per 100
Bride and Bridesmaid	4.00 to	5.00
" " Specials	2.00 to	3.00
Kaiserin, Firsts	5.00 to	10.00
" Seconds	2.00 to	3.00
Liberty, Firsts	4.00 to	8.00
" Seconds	2.00 to	3.00
Cattleyas		50.00
Dendrobiums		40.00
Carnations, Common		1.00
" Fancy	1.50 to	2.00
" Novelties	2.50 to	3.00
Violets	.20 to	.35
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	35.00 to	50.00
" Sprengeri Sprays	35.00 to	50.00
Valley	2.00 to	4.00
Hydrangeas	2.00 to	3.00
Smilax	10.00 to	12.50
Sweet Peas	.25 to	.40
Petunias, double	.50 to	.75
Yellow Daisies	.75 to	1.00
Dahlias, Ordinary	.75 to	1.50
" Fancy	3.00 to	5.00
Cosmos	.50 to	1.00

I AM very well pleased with the REVIEW, and find it a great help.—H. C. COATES, St. Paul.

WE are very much pleased with the REVIEW and always find much information in it.—D. A. VINCENT, Ionia, Mich.

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Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

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The Kentucky Tobacco Product Co., the manufacturer of the old and well-known Rose Leaf tobacco extract, is preparing to put another insecticide on the market. This is a tobacco-paper and has been given a thorough trial by some large growers, whose endorsement leads to the decision to push the new fumigant, which has been given the name of "Nico-fume."

PIERRE, S. D.—Enoe & Barney have completed their greenhouse, received their stock and are ready for business.

MCHENRY, ILL.—John F. Miller has added 3,500 feet of glass and is installing a thirty-five horse-power steam boiler. He expects to do more business than ever this season. Stock is good.

AURORA, ILL.—J. H. Newhall and John Brick, who have been connected with the Aurora Nursery Co., will go into business as the Aurora Greenhouse Co. They will proceed at once with the erection of about 5,000 feet of glass, which they expect to extend in the spring.

GALAX.—— MOSS.—— FERNS.

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Sphagnum Moss, 50c per bag; $1.00 per bbl.

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Buffalo, Sept. 28.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Orchids—Cattleyas	25.00 to 35.00
Carnations	1.00 to 2.50
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Asters	.50 to 1.50
Gladiolus	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.30 to .60

I AM well satisfied with the REVIEW and could not well get along without it. —E. JENSEN, West Superior, Wis.

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New York, Sept. 26.

		Per 100
Beauties,	Specials	$15.00 to $25.00
"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 5.00
Brides and Maids,	Specials	2.00 to 4.00
" "	Extra	1.50 to 2.00
" "	No. 1	.75 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 5.00
Meteor		1.00 to 4.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
" Selects		.75 to 1.00
" Fancies		1.00 to 1.50
" Novelties		1.50 to 5.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri	per bunch,	6.00 to 10.00
Asters		.50 to 1.50
Dahlias		.50 to 2.00
Gladioli		.50 to 2.00
Lilies		5.00 to 8.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 8.00
Violets		.25 to .50
Chrysanthemums		8.00 to 10.00
Tuberoses		1.00 to 2.00

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Wholesale Cut Flower Prices.

Chicago, Sept. 28.

	Per doz.
Beauties, Long stems	$3.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $5.00	

	Per 100
Bridesmaids, Specials	$4.00 to $5.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 5.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Chatenay	3.00 to 6.00
Carnations, Select	1.00 to 1.50
" Fancy	2.00 to 3.00
Chrysanthemums, good...per doz.	1.50 to 2.00
" fancy... "	3.00 to 4.00
Violets	.20 to 1.00
Asters	1.00 to 2.00
Shasta Daisies	.50 to 1.00
Tuberoses	1.00 to 5.00
Easter Lilies .....per doz.	1.50
Gladioli	1.00 to 3.00
Dahlias	1.00 to 2.00
Asparagus, Strings	35.00 to 50.00
" Sprays. ....per bunch,	.25 to .35
Ferns .....per 1000	1.00 to .15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Sprengeri	.25 to .35
Smilax ....per doz.	1.50

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Hill	$5.00 per 100.	Portia	$4.00 per 100
Louise	5.00 "	Prosperity	6.00 "
Joost	5.00 "	Lillian Pond	6.00 "
Scott	4.00 "	M. Glory	6.00 "
McGowan	4.00 "	Fair Maid	6.00 "
Melba	5.00 "	Elbon (red)	4.00 "
Crane			5.00 "
Bouvardia (strong field-grown)			8.00 "
Stevia (strong field-grown plants)			8.00 "
Violets, 3-in. (California)			30.00 per 1000
Violets, 3-in. (Lady Campbell)			30.00 "

Asparagus Plumosus, 2½-in	4.00 per 100
Asparagus Plumosus, 3-in	8.00 "
Adiantum Farleyense, 4-in	4.50 per doz.
" Cuneatum, 4-in.	$1.25 doz.. 10 00 per 100
Latania Borbonica (good strong plants) 5-inch, $3.00 per doz.	
Pandanus Veitchii, 6-in	$1.00 each.
Boston Ferns, 10-in	1.50 "
Giant White Daisies, strong, 3-in	$5 00 per 100.
Buttercup Primroses, strong, 2-in	10.00 "

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Wholesale Cut Flower Prices.

St. Louis, Sept. 28

		Per doz.
Beauties,	Specials	$3.00 to $4.00
"	Extra	1.50 to 2.00
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$3.00 to $6 00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
Carnot		4.00 to 5.00
Golden Gate		3.00 to 6 00
Kaiserin		4.00 to 5.00
Liberty		3.00 to 6.00
Meteor		4.00 to 6.00
Carnations, Common		.75 to 1.00
" Select		1.00 to 1.50
" Fancies		2 00 to 3.00
Adiantum Cuneatum		1.00 to 1.25
" Farleyense		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.55
Asters		.75 to 2.00
Gladiolus		2.00 to 3.00
Lily of the Valley		3.00 to 4 00
Smilax		12.50 to 15.00
Tuberoses		1.50 to 2.00

Pittsburg, Sept. 28.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	12.00 to 15.00
"	No. 1	6.00 to 10.00
"	Shorts	3.00 to 5.00
Brides and Maids		2.00 to 4.00
Cusin		2.00 to 4.00
Kaiserin		2.00 to 10.00
Liberty		3.00 to 6.00
Mme. Chatenay		2.00 to 4.00
Carnations		.50 to 1.50
Adiantum Cuneatum		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
" "	Sprays	1.00 to 2.00
" Sprengeri	"	1.00 to 3.00
Asters		.50 to 2.00
Chrysanthemums		15.00 to 25.00
Lily of the Valley		4.00

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PERCY JONES, Manager.

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FANCY FERNS, $1.00 per 1000.

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Consignments solicited. Special attention given to shipping orders.

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Mention The Review when you write.

All Flowers in Season CONSIGNMENTS SOLICITED

Prompt returns and best of care given all consignments.

C. E. CRITCHELL,

WHOLESALE COMMISSION FLORIST,

36 EAST THIRD ST., **Cincinnati, Ohio.**

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention the Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Sept. 28.

			Per 100
Beauties,	Extra	$15.00 to	$20.00
"	No. 1	10,00 to	12.50
"	Shorts	4.00 to	8.00
Brides and Maids,	Extra		4.00
" "	No. 1		3.00
" "	No. 2		2.00
Golden Gate		2.00 to	4.00
Kaiserin		2.00 to	6.00
Liberty		2.00 to	6.00
Meteor		2.00 to	4.00
Perle and Sunrise		2.00 to	3.00
Carnations, Common			.50
" Selects		.75 to	1.00
" Fancies		1.50 to	2.00
Asparagus Plumosus, Strings		35.00 to	50.00
" " Sprays		4.00 to	5.00
" Sprengeri, "		2.00 to	3.00
Asters		.25 to	2.00
Dahlias		2.00 to	4.00
Gladiolus		2.00 to	3.00
Lilium Longiflorum		8.00 to	12.50
Smilax		10.00 to	12.50
Lily of the Valley		3.00 to	4.00
Chrysanthemums		10.00 to	15.00
Violets		.35 to	.50
Cosmos	bunch	.15 to	.25

Milwaukee, Sept. 28.

			Per 100
Beauties,	Extra		$25.00
"	No. 1	$10.00 to	18.00
"	Shorts	4.00 to	8.00
Bride and Bridesmaid,	No. 1		4.00
" "	No. 2		2.00
Golden Gate		2.00 to	4.00
Kaiserin		2.00 to	5.00
Liberty		2.00 to	6.00
Mme. Chatenay		2.00 to	6.00
Meteors		2.00 to	5.00
Carnations		1.00 to	1.50
Adiantum Cuneatum			1.00
Asparagus Plumosus,	Strings	35.00 to	50.00
"	Sprays	2.00 to	3.00
" Sprengeri	"	3.00 to	4.00
Asters		.50 to	1.00
Lily of the Valley		2.00 to	4.00
Smilax			15.00

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., **CINCINNATI, OHIO.**

Solicits your orders with confidence that he can serve you to your entire satisfaction.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, **ST. LOUIS, MO.**

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

LONG DISTANCE TELEPHONE MAIN 2018 M.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. **CLEVELAND, OHIO.**

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

WM. SCOTT CO.

Main and Balcom Sts.

Buffalo, N. Y.

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

Always Mention the....

Florists' Review

When Writing Advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo**

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

THE NEW

SEASON

..IS NOW..

At HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, **OMAHA, NEB.**

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, **ST. LOUIS, MO.**

Always mention the Florists' Review when writing advertisers.



HARDY CUT FERNS

Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Mention The Review when you write.

Ferns - Xmas Peppers.

	Each	100
Pierson Ferns, 5-in.	$0.35	
" " 6-in.	.50	
" " 8-in.	1.50	
Selaginellas, 4-in.		$5.00
Xmas Peppers full of fruit, 6-in., doz.	2.00	
Jerusalem Cherries Dwarf, 4-in.		5.00
" " " 5-in.		10.00
" " " 6-in.		15.00
Primroses, 4 in.		6.00
Pelargoniums mixed, 3-in.		8.00
Asparagus Plumosus, 3-in		5.00

Pansies, Forget-me-nots and Bellis Perennis strong plants, per 1000, $3.00.

J. S. BLOOM, RIEGELSVILLE, PA.

Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pot, $20 per 1000;	$2.50
Sprengeri, October 1st, 2¼-in. pots	2.00
Piersoni Fern	10.00
Forbesi	2.00
Cinerarias, September	2.00
Pansy Plants, September, $2.50 per 1000	.60
Vinca var., field-grown	3.00

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

MUM

time will soon be here. Keep in touch with us on NOVELTIES.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

VIOLETS

Marie Louise, field-grown	per 100,	$5.00
" " pot-grown, 3-inch	"	3.00
Asparagus Plumosus, 2¼-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

Mention The Review when you write.

Lettuce Plants.

Grand Rapids, $1.25, per 1,000

PARSLEY

Extra Double Curled, $1.25 per 1,000

S. J. PERRY,

LOCK BOX 33 GRAND RAPIDS, MICH.

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L. BAUMANN & CO.

76-78 Wabash Ave, CHICAGO,

Importers and Manufacturers of

FLORISTS' SUPPLIES.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS, IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.

WRITE FOR NEW CATALOGUE.

PITTSBURG.

The Market.

The past week's business was very regular, with a heavy demand for Beauties, valley and the better grades of roses and asters. The poorer grades had no call. A killing frost September 21 destroyed nearly all the asters, gladioli, cosmos, dahlias, etc., but with carnations and chrysanthemums coming in their shortage will not be felt.

The quality of roses is rapidly improving. Very little mildewed stock is in evidence but short-stemmed roses are abundant and are bought at one's own figure. American Beauty roses are fine and many more of the better grades could be sold. The demand for Harrisii and longiflorum lilies is heavy. There are not nearly enough to go around. Among the best carnations arriving now are Enchantress, Joost and Flora Hill. Great quantities of short-stemmed white (outdoor stock) find their way to the dump. Reports in general indicate that chrysanthemums will be of excellent quality and very plentiful in this section.

Various Notes.

I spent a day at Bakerstown recently. The place of the Pittsburg Rose & Carnation Co. is in the usual pink of condition. All stock has been planted for some time and the plants look very promising. About 40,000 chrysanthemums grown at this place are as fine as one could wish to see. They cut their first Bergmann early last week. Roses and carnations are made a specialty and they produce the gilt-edged stock, too. Their roses are all grafted stock.

The first shipment of carnations from M. C. Dunlevy & Sons was received last week; the blooms were fine.

Randolph & McClements were kept busy with several decorations last week and considerable funeral work last Saturday and Sunday.

F. Breitenbaugh & Bro., who are the largest growers of fuchsias in this vicinity, have their place in tip-top shape and the prospects for a heavy cut of roses and chrysanthemums is good. John said his Little Beauty fuchsia is holding its own, with an increase of sale each year.

G. & J. W. Ludwig furnished the bulbs and seeds for the Allegheny city park system. The contract was a good one.

Wm. Loew, our local "green goods" man, has returned from his annual trip among the mountains of Virginia, West Virginia and Maryland.

Wm. Flemm has returned from New York.

Mrs. E. A. Williams, Mr. and Mrs. W. A. Clarke, John Bader, and Miss Mary Bader returned last Monday from St. Louis with the Knights Templar.

Mr. and Mrs. B. L. Elliott are home again from their cruise along the New England coast.

The store rooms of T. M. Ulam & Co., Pittsburg Cut Flower Co., Geddis & Blind Bros., and Breitenstein & Flemm are receiving their usual autumn coat of paint. Hoo-Hoo.

PROPAGATING HOUSE.

Our potting shed runs east and west. Our greenhouses extend south from the potting shed. Can you advise us as to the best place to construct a propagating house, on the north of the potting shed or on the east, south or west of the greenhouses? T. S. C.

As your potting shed runs east and west and your houses run south from it, we would say there is no question where the propagating house should be, viz., running south from the shed and parallel to your east house. If easy to make a good substantial gutter, then it might be attached to the east house. If not handy to do that, then keep it away a few feet.

Although not asked for, allow me to say that an equal span house eleven feet wide makes an ideal propagating house, with all the pipes beneath the boarded-up bench. One side is used for propagating, the other for the potted-off stuff for the first two weeks after potting. A 12-inch board on each side should be hinged to either swing up or down in cold weather to give heat to the house. In mild weather you need no top heat and little fire. W. S.

MIDDLETOWN, N. Y.—Florist Roozens is planning to become a farmer next spring.

DES MOINES IA.—Jacob F. Marshan is building a large range of houses at the corner of Main and State streets.

ROCKPORT, IND.—Anna S. Taylor, who has been ill for some months, has sold her greenhouse and business to Mrs. Irene Halbruge.

PACIFIC COAST.

CLIMATIC CONDITIONS.

There is nothing quite as important to the nurseryman in California as the season's rainfall. With us our selling season does not begin until after the first good rain, which generally falls about the middle of November. This rule held good for a great many years, but for the past few seasons we have not had the same climatic conditions as before, and as a consequence considerable loss was entailed, both on the buyer and seller. When I say our seasons seem to be changing somewhat, I make a broad assertion, but anyone who has been as vitally interested as are the nurserymen and florists of this locality cannot have failed to note it. This summer, as well as the two previous summers, we hardly saw the sun at all during the months of May, June and July. We had very warm weather during April, and our hottest days were in the early part of September, and now that we are toward the end of that month, it is raining heavily, something entirely out of the ordinary, for our rainy season should not begin for two months yet.

Now the effect on business: Our trade in California usually commences about December 1, and the bulk of it is over by April 1. After that we have about a month that we devote to the planting of soft stuff and annuals. Last December was dry and cold and early in the year it commenced to rain. We had a deluge during the months of February and March, the time we should be very busy shipping orders, but we could not dig and our customers could not plant, and the first thing we knew it was the first of April and before we knew it deciduous stock had leaved out so much that it could no longer be handled. Many of our nurserymen had large orders they were unable to deliver, and considerable financial loss was the result.

These conditions do not apply to southern or northern California, where the climates are very different, but in the vicinity of San Francisco several of our late seasons have been "corkers," for at the longest our selling season is not over five months in length, and when we miss a couple of months' sales on account of our weather we have to wait a whole year before things can come our way again. G.

SAN FRANCISCO.

The Market.

We have had quite a shower this week, something very unusual for this season of the year, but it is a welcome change from the extreme heat of a fortnight ago. Flowers are not plentiful. Carnations are in the midst of their resting season and good stock of all kinds is rather scarce. Roses, what few are shown in the windows, are of good color and stem, and the dark, cloudy weather of the last week has had a very beneficial effect on them. Bridesmaids are about the best that are offered, and they wholesale at from 50 cents to 75 cents per dozen. In whites we have some good Brides that are selling at the same price, and a few Kaiserin. Lilium rubrum and album have about disappeared, and longiflorums are being offered in small lots at from $2 to $2.50 per dozen. Indoor chrysanthemums show the effects of the hot weather. There are only a few outdoor mums in market thus far, but within the week there will be an abundance. Sweet peas are passing very rapidly. Valley is plentiful and smilax is becoming longer on the string and of firmer quality.

Business, in spite of the fact that we have just finished with the Knights Templar conclave and are now in the midst of the Odd Fellows' encampment, is quiet, although we have had more than the usual amount of funeral work during the past two weeks. I think in a week or two we will drop into our regular fall business, however, and things in the florist line will appear much brighter.

Various Notes.

The Cox Seed Co. has received a large consignment of araucarias and tree ferns from Australia.

J. T. Sheppard, of Oakland, has placed his store in charge of his daughter and identified himself with an electrical company.

J. Goldstone reports a heavy funeral trade for the past two weeks.

The Shanahan Floral Co. had considerable decorating for the Odd Fellows' parade this week.

John McLaren, superintendent of Golden Gate park, was called as an expert to determine the value of lands to be purchased by the city of Oakland for a public park. G.

SHASTA DAISY.

Will you kindly advise me through your valuable paper as to the culture of the Shasta daisy? If I sow the seed now and keep them growing will they bloom in March or April next, or do they not stand greenhouse culture? Would it pay to give them greenhouse space? J. E.

As this question comes from Seattle, where the winters are so much milder than our north Atlantic slope, I don't feel so confident about giving good advice. Yet knowing what little I do about the mild climate of Seattle, would say that with seed sown at once and transplanted into permanent beds, they would thrive during your winter and flower in spring and continue to flower for a great part of the summer. In your favored clime, where roses and many other of Flora's gems grow and flower so freely during a long season, the Shasta daisy may not pay to give much glass protection. With us it is in the winter and spring months in our greenhouses that the Shasta daisy is valued. For that purpose we propagate in late spring, carry the plants over summer in pots, shifting as required and let them flower during winter and spring. Coming again to your climate, sown now, winter in a cold frame and plant out in early spring. W. S.

IRONWOOD, MICH.—R. Lutey is building a new greenhouse.

AMES, IA.—The Iowa Experiment Station is making a study of the soils of the state for the purpose of defining any unproductive areas.

PARKERSBURG, W. VA.—Carl Obermeyer, son of Gustave Obermeyer, died September 19, aged 10 years, after only a few days' illness with diphtheria. He was a promising lad and the pet of the family.

Asparagus Plumosus Nanus

2 -inch.....$16.00 per 1000
2½-inch..... 18.00 per 1000
3 -inch..... 28.00 per 1000

CASH. EXPRESS PREPAID. 250 AT 1000 RATE.

CALIFORNIA CARNATION CO.
LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa,
From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,
From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.
Strong 2¼-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,
Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.
Mention The Review when you write

REES & COMPERE
POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.
The Largest Growers of **FREESIA BULBS** in the U. S.
SPECIALTIES—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.
Mention The Review when you write.

CARNATIONS

The United States Cut Flower Co. has a surplus of fine, stocky, high-land grown stock, free from rust and stem-rot, consisting of the following varieties:—

LAWSON, ENCHANTRESS, CROCKER, JOOST, APOLLO, HARLOWARDEN, M. FIELD, ELDORADO and PROSPERITY.

Small orders receive the same care and attention as large. Let us figure on your wants. Satisfaction guaranteed.

United States Cut Flower Co.,

ELMIRA, N. Y.

Mention The Review when you write.

Carnation Plants.

ETHEL CROCKER—Large first size plants, per 100, $4.50; per 1000, $40.00.

ELDORADO—Large first size plants, per 100, $4.50; per 1000, $40.00.

MRS. JOOST—Second size plants, short and bushy, per 100, $3.00; per 1000, $25.00.

SMILAX PLANTS,

2-inch, strong and bushy, $8.00 per 1000.

Lakeview Rose Gardens

JAMESTOWN, N. Y.

Mention The Review when you write.

FIELD-GROWN

CARNATIONS.

	Per 100
Enchantress	$7.00
Mrs. Lawson	5.00
Gov. Wolcott	6.00
Mrs. Joost	3.50
Guardian Angel	3.50
Queen Louise	3 50

Asparagus, Plumosus Nanus, 4-inch, $9.00 per 100

N. C. MOORE & CO.

MORTON GROVE : : : ILLINOIS

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. No bud on them.

Wolcott, $6.00; Estelle, $6.00; Alba, $6.00; Enchantress, $8.00; Lawson, $6.00; Queen Louise, $5.00; Manley, $5.00; Lord, $5.00; Fenn, $5.00; Lorna, $5.00; Glacier, $5.00; M. Glory, $5.00; America, $5.00; Joost, $5.00; Red Wing, $5.00; Gomez, $5.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

FIELD-GROWN

CARNATIONS

EXTRA STRONG, HEALTHY PLANTS

	100	1000
Eldorado	$5.00	$40.00
Queen	6.00	50.00
Boston Market	6.00	50.00
Fair Maid	6.00	50.00
Harlowarden	5.00	40.00
Enchantress	6.00	

Backer & Co., Billerica, Mass.

Mention The Review when you write.

BEGONIA

Gloire de Lorraine

FOR IMMEDIATE DELIVERY.

We have a fine, well established stock of this beautiful Christmas plant, both in the Light Pink Lorraine, and the type.

These plants are ready for shifting into larger pots and we offer them at $15.00 per 100; $140.00 per 1000, from 2-inch pots; 3-inch pots, $20.00 per 100.

THIS STOCK is WELL HARDENED and in FIRST-CLASS CONDITION and will make fine large plants for Christmas sales.

REMEMBER YOU CAN SAVE 5 per cent. by sending cash with the order. Catalogue of Nursery Stock, Peonies, etc., mailed upon application.

The Cottage Gardens Company

QUEENS, L. I., N. Y.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch	per 100, $2.00	per 1000, $18.00
Strong, 3-inch	per 100, 3.00	per 1000, 28.00

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

JUST TO HAND, FINE IMPORTATION OF

Cattleya Percivaliana

85 per cent leaved bulbs.

Write for samples and prices at once.

JULIUS ROEHRS,

Importer and Grower of Orchids,

Exotic Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

CARNATIONS

Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

Mention The Review when you write.

Fred Burki

is the new commercial white carnation worthy of your attention. Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA.

S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA,

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATIONS. FIELD-GROWN PLANTS.

We have had an ideal growing season. Our stock is extra fine and healthy, ready for immediate shipment.

	Per 100	1000
New Daybreak, grand stock, very profitable	$12.00	$100.00
Reliance	12.00	.....
Genevieve Lord, extra size	8.00	.....
" " fine, 1st size	6.00	50.00
Enchantress, fine, 2nd size	6.00	50.00
Norway	6.00	.....
Prosperity fine, 2d size	5.00	.....
Gov. Lowndes	6.00	50.00
Enquirer, extra size	6.00	.....
Harlowarden, fine, 2d size	6.00	.....
Pres. McKinley, extra size	6.00	.....
Fragrance, extra size	6.00	.....
Lillian Pond	5.00	..
Sybil	5.00	40.00
Mrs. Roosevelt	5.00	.....
Adonis, fine, 2d size	6.00	.....
Gov. Wolcott, small, healthy plants	4.00	.. ..

Varieties priced per 100 one cent less per plant on any order amounting to 500 plants or over, any varieties. Stock going rapidly. Order quick.

H. WEBER & SONS, - OAKLAND, MD.

A BARGAIN!

1200 NORWAY, white.....
300 POTTER PALMER, red..... } **At $35.00**

300 PRINCESS OF WALES VIOLETS, field-grown, at **$6.00.**

I guarantee these plants to give satisfaction and be equal to the best offered in the market.

JOSEPH LABO,

Cor. Raynor and Mason Aves., JOLIET, ILL.

Mention The Review when you write.

THE READERS' CORNER.

German and Japanese Irises.

In the Review for September 15 appears a query about irises, Japanese and German, concerning which I should like to give an opinion. Japanese irises need damp ground and high feeding and are not the best companions for German irises, which succeed better with drier treatment. They flower magnificently in California, even when baked up from May till October. As to the best time for moving them, Peter Barr once told me that he divided and moved his directly after flowering and I have found the practice very satisfactory here in British Columbia.

Lilies, such as auratum and speciosum, like deep planting, eight to ten inches from the top of the bulb. This gives them a better opportunity to make stem roots and keeps the bulbs and roots away from the hot surface soil. Unless the soil be of a sandy nature it is well to surround the bulbs with sand, thus affording drainage and protection from the attacks of slugs.

EDW. ALEX. WALLACE.

CREDIT WHEN DUE.

A wholesale cut flower dealer says that it has come to his attention that the average out of town customer is by no means slow to make complaint whenever he is not satisfied with quality, packing or promptness of a shipment of stock, but that the same men are usually very slow to express themselves when they feel that they have been well served; in fact, he says, it never seems to occur that a few words of approval might go much farther than a great deal of blame in getting the kind of goods the buyer wants. Not only do a few words of appreciation serve as an encouragement to greater efforts in the future but they serve to give the shipper a more definite idea of just what character of goods are required to meet the customer's needs.

DES MOINES, IA.—Lozier's greenhouses were in the path of the big storm September 19 and a great deal of glass was broken, the total loss being estimated as above $2,000.

CARNATION PLANTS,

Field-grown, FINE, HEALTHY stock. No stem-rot.

		Per 100	Per 1,000
10,000	Lawson	$5.00	$45.00
10,000	White Cloud	5.00	45.00
1,500	Nelson	5.00	45.00
7,000	Prosperity	5.00	45.00
1,000	Glacier	5.00	45.00
600	Norway	5.00	45.00
300	Adonis	5.00	45.00
450	Fair Maid	5.00	45.00
500	Floriana	5.00	45.00
800	Dorothy	5.00	45.00
260	Elma	5.00	45.00
100	Gaiety	5.00	45.00
350	Mrs. Bradt	5.00	45.00
150	J. H. Manley	5.00	45.00
250	Harry Fenn	5.00	45.00
150	Pres. McKinley	5.00	45.00
350	Boston Market	5.00	45.00
850	Gov. Wolcott	5.00	45.00
	G. H. Crane	4.50	40.00
	Gen. Gomez	4.50	40.00
	Gen. Maceo	4.50	40.00

Ferns Piersoni, 2½-in., $8.00 per 100; Boston Ferns, 2½-in., $5.00 per 100; 3-in., $8.00 per 100; 4-in., $15.00 per 100. Ready to be shifted.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

ROSES FOR WINTER FLOWERING

EXTRA FINE BUSHY PLANTS, PERFECTLY HEALTHY, PROPAGATED AND GRAFTED FROM FLOWERING WOOD.

Liberty, Franz Deegen, 3½-in. pots.....per 100, $18.00
Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots.....per 100, 15.00

OWN ROOTS

Beauties, Ivory, La France, 3-in. pots.....per 100, $7.00
Brides, Maids, Perles, Golden Gates, 3-in. pots.....per 100, 5.00

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

TO CLOSE OUT.

Field-Grown Carnation Plants.

We offer the following at $40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. **Chicago.**

Mention The Review when you write.

Wanted - White Lawson Rooted Cuttings

For January Delivery. Send price and state quantity you can supply to

WHITE LAWSON, care of FLORISTS' REVIEW, CHICAGO.

FIELD-GROWN

CARNATIONS!

Fine, Healthy Plants.

		Per 100	Per 1000
5000	Flora Hill	$3.50	$30.00
1000	White Cloud	4 00	35.00
1500	Peru	4.00	35.00
1000	Lawson	4.00	35.00
2000	America	3 50	30.00
1500	Higinbotham	3.50	30.00
800	Lillian Pond	3.50	....
800	Prosperity	3.50	....
250	Genevieve Lord	3.50	....
2000	Joost	4 00	35.00
5000	Guardian Angel	3.50	30.00

VAUGHAN & SPERRY,

58-60 Wabash Ave., **CHICAGO.**

Mention The Review when you write.

FIELD-GROWN **CARNATIONS**

EXTRA STRONG. NO ROT.

3000 FLORA HILL.....$3.50 per 100
500 PROSPERITY.....4.00 "

CASH WITH ORDER.

F. P. CAIRD, 271 River St., **Troy, N. Y.**

CARNATION PLANTS

FINE, HEALTHY STOCK. NO STEM-ROT.

FIELD-GROWN.

	Per 100	1000
Lawson, pink	$5 00	$45 00
Nelson, pink	5 00	45 00
Guardian Angel, pink	3 00	27 50
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 00	27 50
White Cloud, white	4 00	35 00
Queen Louise, white	4 00	35 00
Peru, white	4 00	35 00
Joost, pink	4 00	35 00
Lord, pink	4 00	35 00
Estelle, red	5 00	45 00

George Reinberg

51 WABASH AVENUE,

CHICAGO.

Mention The Review when you write.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Bride	$10.00	....
Queen Louise	6.00	50.00
Flora Hill	5.00	45.00

White:	Per 100	1000
McGowan	$4.00	$35.00
Pink:		
Fair Maid	6.00	....
Pres. McKinley	6.00	....
Alpine Glow	6.00	....

Pink:	Per 100	1000
Dean	$5 00	$40 00
Melba	5.00	40.00
Joost	5.00	40.00
Scott	4.00	...
Morning Glory	5.00	....

Miscellaneous:	Per 100	1000
Portia	$4.00	....
Prosperity	6.00	$50.00
Mrs. Bradt	6.00	...

Well grown, large, bushy plants free from all disease.
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

I HAVE 50,000

Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10 00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson, pink	6.00
Enchantress, pink	10.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	10.00
Estelle, red	7.00
Bradt, variegated	6.00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Ficus, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,
61st and Market Sts., PHILADELPHIA, PA.
Mention The Review when you write.

STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100,	$5.00
BOSTON MARKET, ex. fine plants,	"	5.00
LAWSON	"	5.00
ELMA	"	5.00
GOODENOUGH	"	5.00
MACEO	"	5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.
Mention The Review when you write.

No. 1 FIELD-GROWN CARNATION PLANTS

Queen Louise	$4.00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.
Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Mrs. Fisher in white; **Guardian Angel** in pink; **Crane** in red; all at $5.00 per 100.

—WRITE—

GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Mrs. E. A. Nelson	pink	6c
Enchantress	light pink	10c	Floriana	pink	5c
Chicago	red	6c	Ethel Crocker	pink	5c
Flora Hill		6c	Eldorado	yellow	5c
Lorna		6c	Oriole	scarlet	5c
Harry Fenn		6c	Mermaid	pink	5c
Wm. Scott		5c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

Field-Grown

Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
BRADT	5.00	.....
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
ESTELLE	5.00	45.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
APOLLO	5.00	.....
HIGINBOTHAM	4 50	40.00
LAWSON	6.00	.....

ROSE PLANTS.

	Per 1000
3½-in. **Gates and Brides**, fine stock	$30.00
2½-in. **Maids**, fine stock	20.00
2½-in. **Stevia**	18.00
2½ in. **Mums**	18.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.
Mention The Review when you write.

CARNATIONS FIELD-GROWN.

Norway, Marquis, Joost, Roosevelt, Morning Glory, Apollo, Estelle, Potter Palmer, Bradt, Higinbotham, Dorothy Whitney, Alba, Stella.

$5.00 per 100.

RUBBERS—Top layers:

12 to 15-inch	$3.00 per doz.
15 to 18-inch	4.00 "
18 to 24-inch	5.00 "

ASPIDISTRAS:

Green Foliage, 4-in. $1.50; 5-in. $2.50 per doz.
Var. " " 3.00; " 5.00 "

BOSTON FERNS, 4-in. $1.50, 5-in. $2.50 per doz.

TERMS CASH.

JOSEPH HEINL & SONS, Jacksonville, Ill.
Mention The Review when you write.

CARNATION PLANTS

Extra strong and healthy.

Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$6.00	Nelson	$5.00
Market	6.00	Joost	5.00
McGowan	4.00	Estelle	8.00
Lord	6.00	Ad. Cervera	5.00
Maid	8.00	Prosperity	5.00

FRANK H. KIMBERLY,
Townsend Ave., NEW HAVEN, CONN.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN

Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
NORWAY	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red:		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
ESTELLE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.
Mention The Review when you write.

CARNATIONS As good as the best

Lawson, Louise, White Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 8c. **Princess of Wales Violet Plants**—Large clumps, 5c. **Asparagus Sprengeri**—From 2c to 6c. **Roses**—Gates, Ivory and Brides, 2c.

W. W. COLES, Kokomo, Ind.
Mention The Review when you write.

VACANT BENCHES.

I have two vacant benches about five inches deep and head room about two feet in a house where gardenias are growing. I would like to know what to plant for late winter or early spring flowering. L. F. W.

This will depend somewhat on the time that the gardenias are thrown out or removed. If at once, some short-growing carnations, such as Glacier or Estelle, would pay you as well as anything if you could leave them there until the end of June. If the gardenias are planted out it is not likely you can remove them for some time yet and I cannot think of any crop that it would pay to plant on the bench at that late season. Yet there are plenty of things that the bench would be useful for. If the house is warm you could force tulips, Roman hyacinths, narcissi or any of the low-growing bulbs, to be followed in spring by bedding plants. Freesias do finely planted in four inches of soil, but you can force thousands of those in a comparatively small area. You must be guided entirely by what your market demands. W. S.

Please renew our subscription to the Review; we feel as though we were in a desert or on the ocean without it.—C. W. Eichling, New Orleans.

"Subscriber" needs a frequent reminder that unless his name and address appear at the bottom of his letter the communication does not have the attention it otherwise would receive.

Carey, O.—Mrs. W. C. Johnson is the widow of the celery king who was murdered some years ago. She has about 7,000 feet of glass, mostly in lettuce, but is growing some flowers and pot plants.

Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.	per 100,	$3.60	
Lilium Harrisii, 7-9-in.	"	8.00	
Lilium Candidum, 22 cms.	"	4.50	
Calla Ethiopica, 1⅜ to 1⅝ in.	"	6.00	
Hyacinth—Roman White, 12-15 cms	per 1000,	26.00	
Narcissus—Paper White Grandiflora, 13 cms. and up	per 1000,	9.00	
Asparagus Plumosus Robustus	per 100,	4.00	
Asparagus Plumosus	"	3.00	
Asparagus Sprengeri	"	2.50	
Pteris Tremula	per 100,	$2.50	
Pteris Argyrea	"	2.50	

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes, 2½-inch pots, 6-8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8.00 per 100.

BOSTON FERNS from Bench, 4-in. pot size.....15c; 5-in. pot size....25c; 6-in. pot size....35c.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquinæflora, grand for winter pot plants, 3-inch, $8.00 per 100. 4-in., $12.00 per 100.

Poinsettia, young fresh stock, just right for pans, 2½-in., $5.00 per 100.

Latania Borbonica—

24-in., 5 to 7 leaves, 7-in. pot	$1.00	each.
28-in., 6 to 8 leaves, 8-in. pot	1.50	"
28 to 30-in., 7 to 9 lvs., 10-in. pot,	2.50	"
Cycas Revoluta, 8 to 10 leaves.	.75	"
" " 10 to 12 "	1.00	"
" " 12 to 15 "	1.50	"

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.



PRIMULA BUTTERCUP.

PRIMROSES.

BUTTERCUP (New)—

A free flowering yellow Primrose, coming into full bloom for Thanksgiving and Christmas trade and continues covered with bloom during winter and spring. Give the same treatment as the Chinese Primrose. It makes a fine house plant and a sure seller for holiday trade.

Strong plants from 3 inch pots $1.50 per doz.; $10.00 per 100.

CHINESE PRIMROSES—

From the very best European strains. Have always given satisfaction with these. From 2¼-inch pots, ready for a shift, in white, light pink, blue and bright red, $3.00 per 100.

PRIMULA FORBESII—

(Baby Primrose.) Fine, bushy plants of this valuable Primula, from 2¼ inch pots. $2.50 per 100.

☞ Send for Fall List offering other seasonable stock.

Nathan Smith & Son,

ADRIAN, MICH.

Mention The Review when you write.

Boston Ferns,

Ready for 6 to 7-inch pots, $25 per 100.

HYDRANGEA OTAKSA,
6 to 8 flowering crowns,
$9 per 100; $80 per 1000.

Crimson Rambler Roses,
1 year old, $6 per 100.

Send for Sample.

OZONE PARK NURSERIES,
OZONE PARK, L. I., N. Y.

Mention The Review when you write.

Boston Ferns.

2¼-inch	per 100,	$ 3.50
5 -inch	"	25.00
From bench for 4-inch	"	8.00
From bench for 5-inch	"	15.00
Nep. Cordata Compacta, 3-in.	"	5.00
Asparagus Plumosus, 2-inch	"	3.00
" " 3-inch	"	6.00

Xmas Peppers

3-inch, fine	per 100,	$ 5.00
Sago Palms, 4 to 6 leaves	per doz.,	3.00

CASH OR SATISFACTORY REFERENCE.

GEO. L. MILLER CO., Newark, Ohio.

Mention The Review when you write.

PALMS = COMPARE

OUR PRICES WITH OTHERS.			OURS IS FULL SIZE STOCK.		
Kentia Bel., 3-inch, our price,	$5.00	per 100.	Kentia Forst., 7-in., made up, our price,	$1.25	each.
Kentia Bel., 5-inch,	.50	each.	Latanias, strong, 6-inch,	.30	"
Kentia Bel. 6-inch.	1.00	"	Latanias, special grown, 7-inch,	.50	"
Kentia Forst., 7-inch,	1.50	"	Latanias, specimens, 8-in., 6 to 9 leaves,	1.20	"

WE SELL ANY QUANTITY

ALBERT FUCHS, F. LAUTENS, Manager. 2045-59 N. Halsted Street, CHICAGO, ILL.

Mention The Review when you write.

Asparagus Plumosus

2-inch	$3.00 per 100;	$25.00 per 1000
3-inch	8.00 "	70.00 "

CASH WITH ORDER PLEASE.

Anyone in need of five or ten thousand 2-inch write for prices.

IDLEWILD GREENHOUSES, Memphis, Tenn.
337 Main Street.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots..... 2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $1.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens..... 3.50 each
10-inch pans, fine specimens..... 5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50 00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3 00 per 100	$ 25.00 per 1000
3 -inch pots	6 00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140 00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $35.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

ZIRNGIEBEL Giant Pansies

Giant Market and Fancy Strains.

Seed of the above well known varieties at $1.00 each trade packet. Also plants at $5.00 per 1000. Fancy strain at $10.00 per 1000.

DENYS ZIRNGIEBEL, Needham, Mass.

Mention The Review when you write.

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande. Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

AN ESPECIAL FINE LOT OF

PLUMOSUS AND SPRENGERI

In all sized pots

A few Primula Obconica left.

— WRITE —

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

VIOLETS

Imperial—From 3-inch, $4.00 per 100; 2-inch, $2.50 per 100. **Campbell**—3-inch, $4.00 per 100.

Plumosus—2-inch, $3.00 per 100.

Carnations—Write for varieties and prices.

Sweet Alyssum—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Dahlia Roots. We are booking orders now for Fall delivery. Our list will compare favorably with any general commercial collection in the country. List and prices sent on application.

GERANIUMS. **Those named below are ready now.**

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, M. Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, Dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacqueri, Gloire de France and Mme. Barney, $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety	per 1000, $15.00, 40c	$2.00
Hibiscus, 5 varieties		8.00
Lemon Verbena	per 1000, $20.00, 50c	2.50
Lantanas, 10 varieties	per 1000, $17.50, 40c	2.00
Maranta Massangeana	75c	4.00
Plumbago, Blue and White, 3-inch		3.00
Smilax	per 1000, $15.00,	2.00
Swainsona Alba	40c	2.00
Swainsona Rosea	40c	2.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

Mention The Review when you write.

PALMS.

Dracaena Terminalis,
Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, **Philadelphia, Pa.**

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.

Hydrangeas, field grown, 2-year-old, with four to eight flower buds; fine for next Easter; $3.50 per dozen.

Stevia, 4 in. pots, $5.00 per 100.

Smilax, 2½ in. pots, $1 75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS,
ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.

Plumosus, 2½-in., $3.00 per 100.

Violets, Marie Louise, strong field-grown plants, $4.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

	Per 100
ASPARAGUS SPRENGERI, Good healthy stock, 2¼-in pots	$2.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in	2.50
SMILAX PLANTS, strong bushy stock, in 2½-in. pots	per 1000. 15.00

Boston Ferns, both 5 and 6-in., 25c and 35c each.

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 3-in., $3 00 per 100; 4-in., $6.00 per 100.

Boston Ferns, from bench, large plants, ready for 6-in. pots, $15.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass. $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum Farleyense, 4-in., $4.50 doz. A cuneatum, 4-in., $1.25 doz., $10.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum Farleyense, 2½-in., $12.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

ALTERNANTHERAS.

Alternantheras, red and yellow, 40c per 100, $3.50 per 1000. Will exchange for asparagus, cinerarias or primroses.
Victor H. Thomas, Box 82, Augusta, Ky.

Alternanthera brilliantissima, the finest red out, 75c doz; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

500 extra strong sweet allyssum, $2.00 per 100. Park Side Greenhouses, 746 E. 70th St., Chicago.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

ANTHERICUMS.

Anthericum variegatum, strong plants from 4-inch pots, $10.00 per 100. Cash.
Henry Schmidt, 408 Fulton St., Union Hill, N. J.

AQUILEGIAS.

Aquilegia, double mixed, $1.50 per 100.
G. R. Clark, Scranton, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus Sprengeri from bench, ready for 3-inch pots, almost equal to 3-inch pot plants, $2.00 per 100; $15.00 per 1000. Send P. O. order on Little River. Send for catalogue out next month. Soar Bros., Little River, Fla.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 100. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 100. Cash with order. John Brod, Niles Center, Ill.

10,000 Asparagus plumosus nanus, 2¼-in. pots, $2.00 100; $19.00 1000. 8000 Asparagus Sprengeri, 2¼-in. pots, $1.25 100; $12.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $18.00 1000; 3-in., $3.00 100; $28.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus plumosus nanus, 2-in., $16.00 1000; 2½-in., $18.00; 3-in., $28.00. 250 at 1000 rate. Cash. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus, 2-in. pots, $2.00 per 100. Asparagus Sprengeri, 4-in. pots, $7.00 per 100. Cash.
Seidewitz, 36 W. Lexington St., Baltimore, Md.

Asparagus plumosus nanus, 3-inch, ready for 4-inch, strictly first-class, $8.00 100. Cash from unknown parties.
J. Van Lindley Nursery Co., Pomona, N. C.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000; 3-in., $8.00 100; $70.00 1000. Cash.
Idlewild Greenhouses, 337 Main St., Memphis, Tenn.

Asparagus plumosus nanus, 2½-in., $2.50 per 100; $22.50 per 1000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100. The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus and Sprengeri, 2½-in., $2.50 100. Fine plants. Cash.
John G. Eisele, 20th and Ontario, Phila.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

An especial fine lot of plumosus and Sprengeri in all size pots. Write
Geo. A. Kuhl, Pekin, Ill.

Field-grown Asparagus Sprengeri, 3-in. pots, $5.00; 4-in., $7.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus, 2½-in., $4.00 100; 3-in., $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

500 Asparagus plumosus nanus. Make me an offer. William Clark, Colorado Springs, Colo.

600 Asparagus plumosus, 4-inch, $10.00 100, cash. C. S. Chase, Box 16, Dighton, Mass.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus plumosus, strong, 2-in., $2.50 per 100. White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri, strong 4-in., $4.00 per 100. Van Aken Bros., Coldwater, Mich.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
A. Mirring, East St. Louis, Ill.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 4-in., $9.00 100.
N. C. Moore & Co., Morton Grove, Ill.

Plumosus, fine strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus, 2-in., $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Asparagus plumosus, 3-in., $5.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus Sprengeri from 2c to 6c.
W. W. Coles, Kokomo, Ind.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

ASPIDISTRAS.

Aspidistras, green, 4-in., $1.50 doz.; 5-in., $2.50; var., 4-in., $3.00; 5-in., $5.00
Joseph Heinl & Sons, Jacksonville, Ill.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2-in., $15.00 100; 4-in., very strong, $40.00 100. All propagated from leaf cuttings.
J. A. Peterson, Westwood, Cincinnati, O.

Begonias metallica and Pres. Carnot, 2½-in. pots, $3.00 per 100; $25.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Gloire de Lorraine, 2-in. pots, $15.00 100; $140.00 1000; 3-in., $20.00 100.
Cottage Gardens Co., Queens, L. I., N. Y.

Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Begonias, 12 varieties, 2 and 2½-in. pots, 40c doz., $2.50 100.
Harmon & Henderson, Iola, Kan.

Fine mixed begonias, 2-in., $1.75; 4-in., $7.00 per 100. Hammerschmidt & Clark, Medina, O.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Rex begonias, 2¼-in., $3.00 per 100.
W. H. Parsil, Summit, N. J.

BERRIED PLANTS.

Jerusalem cherries, 2-in., ready for 3s, 40c doz., $1.50 100. Xmas (celestial) peppers, 2¼-in., 40c doz., $2.00 100; 3-in., 75c doz., $5.00 100. Ready for a shift. Fruit setting.
Harmon & Henderson, Iola, Kan.

Christmas peppers, full of fruit, 6-in., $2.00 doz. Jerusalem cherries, 4-in., $5.00 100; 5-in., $10.00 100; 6-in., $15.00 100.
J. S. Bloom, Riegelsville, Pa.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Xmas peppers, 3-in., fine, $5.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Celestial peppers, 6-in. pots, $3.00 doz.
Mrs. Chas. Duntze, 1989 Madison Ave., Memphis, Tenn.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BOUVARDIAS.

Bouvardias, field-grown, $8.00 100.
Phila. Wholesale Market, 1235 Filbert, Phila.

BULBS.

		100	1000
NARCISSUS paper white grandifl., 13 cms. up, 1400 to case, $12.00		$1.00	$8.75
Von Sion mammoth dbl. nose		2.00	19.00
" " very large select		1.50	13.00
HYACINTHS, white Roman—			
11x13 cms		2.50	23.00
12x15 cms		2.75	26.00
Dutch finest named, 1st size		6.50	60.00
" " " 2d "		5.00	45.00
" fancy grade, 17 cms		3.50	33.00
" 15 cms., sep. colors		2.75	25.00
CALLA Ethiopica, 3x5 inch		3.00	25.00
" " 4x6 "		5.00	45.00
" " 5x7 "		7.50	70.00
FREESIA refracta alba—			
⅜-½	5000, $12.50	.30	2.75
½-¾	5000, $20.00	.60	4.50
OXALIS grande Duchesse—			
5,000, $25.00		.75	6.00
HARRISII LILIES, Semper Idem—			
5x7, 400 to case, $10.00		3.00	
6x7, 300 to case, 10.00		4.00	
7x9, 200 to case, 12.00		6.50	
LILIUM CANDIDUM, 18-22 cms.		4.50	40.00
CHINESE SACRED LILY—			
Basket 30 bulbs, $1.50; mat of 4 baskets, 120 bulbs, $4.50.			
LILIUM LONGIFLORUM, 7-9 inch		4.00	35.00

H. H. Berger & Co., 47 Barclay St., N. Y.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Lilium Harrisii, 5x7 in., $3.60 100; 7x9 in., $8.00 100. L. candidum, 22 cms., $4.50 100. Calla Ethiopica, 1⅜ to 1⅝ in., $6.00 100. Hyacinths, Roman white, 12 to 15 cms., $26.00 1000. Narcissus, Paper White grand., 13 cms. and up, $9.00 1000.
Storrs & Harrison Co., Painesville, Ohio.

Lilium Harrisii, 5-7 in., $4.00 100; $36.00 1000; 7-9 in., $8.00 100; $78.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

I offer the best bulbs to be had from Holland growers, and this is the only price that I have. Forcing hyacinths in separate colors; first size bulbs, 17 cms. and up, single, dark blue, rose and pink, pure white, dark blue, light blue, yellow, $3.75. Second size, for forcing and bedding, 14 to 16 cms.; dark red, pink, pure white, dark blue, light blue, yellow, $2.70. Double—dark red, pink, pure white, dark blue, $2.80. Named hyacinths, 18 cms. and up, Gertrude, rosy pink; La Grandesse, white; King of the Blues, La Perrouse, light blue; Chas. Dickens, rose; Madam van der Hoop, blush white, $4.50. Single, early tulips, superfine mixed, 75c; double, 90c. Single, early tulips in separate colors, pink and rose, red and scarlet, violet and purple, white, yellow, 90c. Double, white, pink, red, yellow, violet, $1.00. Single, named tulips, La Reine, white, 85c; yellow, $1.00; L'Immaculee, pure white, 85c. Rose, tender, soft pink, $1.00. Crysolora, pure yellow, 95c. Crimson King, $1.20. Double named tulips, Tournesol, red and yellow, $1.70. La Candeur, pure white, $1.15. Count of Leicester, orange and yellow, $1.00. Rex Rubrorum, scarlet, $1.85. Rose Blanche, pure white, $1.20. Gloria Solis, red bordered with gold, $1.40. Double Narcissus Von Sion, $1.40. Orange Phoenix, $1.00. Incomparabilis, 90c. Alba plena adorata, 80c. Single narcissus, Trumpet Major, $1.00. Incomparabilis Stella, 80c. Seedsii, $1.00. Bicolor grandis, $2.00. Poeticus ornatus, 90c. Callas, 1¼ to 1½ in. in diameter, $5.00. 1½ to 2 in., $7.00; 2 to 2½ in., $9.00. Freesias, California grown, select, 75c; French grown, large bulbs, $1.00. Oxalis, in 4 varieties, 90c. Snowdrops, single, 75c; double, $1.10. Crocus, all colors mixed, 25c; separate colors, 1st size bulbs, white, yellow, blue, variegated, 35c. Named crocus, large bulbs, Baron von Brunow, dark blue, Mont Blanc, white, Sir Walter Scott, striped, Albion, purple, large yellow, 50c. Prices are given per 100, 25 at 100 rate. Chinese sacred lily, each 4½c. Home-grown, large bulbs, 3c; smaller bulbs, 2c each. Lilium candidum, extra large bulbs, 8c; select bulbs, 6c each.

Frank Kadlec, 181 Johnston Ave., Chicago.

FRENCH and DUTCH bulbs for forcing.

Narcissus Paper White Grandiflora, 13 to 15 cms., 20c doz., $1.25 100, $10.00 1000; Trumpet Major (French grown), fine, 35c doz., $2.00 100, $15.00 1000; Giant Princeps, double-nosed bulbs, 15c doz., 85c 100, $7.50 1000.

Tulips, Single Early, fine mixed, 60c 100, $5.25 1000; superfine mixed, 70c 100, $6.50 1000; Double Early, fine mixed, 75c 100, $6.00 1000; superfine mixed, 90c 100, $8.00 1000.

Named Dutch hyacinths, splendid bulbs, 17 cms. and over, for pot forcing or bedding, single, separate colors, and true to name, $4.25 100, $40.00 1000. All the standard varieties.

Single or double Dutch hyacinths, 15 cms. and over, for bedding and pots, separate colors, $2.75 100, $26.00 1000.

French White Roman hyacinths, 12-15 cms. (2000 to case), 40c doz., $2.75 100, $26.00 1000. Send for our new autumn bulb list for florists.

Johnson & Stokes, 217-219 Market St., Phila.

Roman hyacinths, 12x15, $24.00 1000. Dutch hyacinths, mammoth, $65.00 1000; No. 2, $35.00 1000. Narcissus Von Sion, dbl. nose, $18.00 1000; single mammoth, $15.00 1000. Freesia refracta alba, mammoth, $7.50 1000. Write for prices on tulips, azaleas, rhododendrons, roses, spiraeas, etc.

F. W. O. Schmitz, Prince Bay, N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.

H. A. Jahn, New Bedford, Mass.

Big calla bulbs, all with good center shoots, sound, ripe and healthy. 2 to 2½ inches, $12.00 100; $100.00 1000. 1¾ to 2 inches, $7.00 100; $60.00 1000. 1 to 1¾ inches, $4.00 100; $35.00 1000. Dutch, French and Bermuda bulbs ready. Send for catalogue.

A. T. Boddington, 342 W. 14th St., New York.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.

Stumpp & Walter Co., 50 Barclay St., N. Y.

I have from 6,000 to 10,000 Lilium canadensis, good bulbs, which I am offering for $3.00 per 100; $20.00 per 1000. Lilium philadelphicum, $3.00 per 100; $20.00 per 1000.

L. E. Williams, Nottingham, N. H.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.

J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Dutch and Roman hyacinths, tulips, narcissi, callas, freesia, Harrisii and longiflorum lilies. Write for prices.

W. C. Beckert, Allegheny, Pa.

Do you want 400 5x7 Harrisii lily bulbs, guaranteed sound, for $12.00? If not, what will you give?

Wm. Elliott & Sons, Auction Dept., New York.

Lilium Harrisii or longiflorum bulbs, Bermuda grown; 7 to 9 in., 200 in case, $10.00; regular price $16.00.

W. W. Rawson & Co., Boston, Mass.

Paper white Narcissus totus albus, 13 cms. and over, case 1400 to 1500 bulbs, $7.50 1000.

N. Le Page, Mt. Vernon, N. Y.

We are the largest growers of FREESIA bulbs in the United States. Write us.

Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.

Suzuki & Iida, 31 Barclay St., N. Y.

Florists' bulbs of highest quality. Get our prices before placing your order.

E. F. Winterson Co., 45 Wabash Ave., Chicago.

CACTI.

Sound cacti in variety, $5.00 100 and upwards. William Tell, Austin, Tex.

CARNATIONS.

FIELD-GROWN CARNATIONS.

Strong, healthy plants, free from disease.

	100	1000
White		
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Chicago	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants.

White.	100	1000	Pink.	100	1000
Bride	$10.00	..	Dean	$5.00	$40
Q. Louise	6.00	$50	Melba	5.00	40
F. Hill	5.00	45	Joost	5.00	40
McGowan	4.00	35	Scott	4.00	..
Pink			Miscellaneous.		
Fair Maid	6.00	..	Portia	4.00	..
McKinley	6.00	..	Prosperity	6.00	50
Alpine Glow	6.00	..	Bradt	6.00	..
M. Glory	5.00	..			

We guarantee all of the above stock to be in first-class condition.

The Leo Niessen Co., Philadelphia, Pa.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Estelle	3.50	30
Mrs. Ine	3.50	30	Norway	3.50	30
F. Hill	3.50	30	Q. Louise	3.50	30
Peru	3.50	30	Harlowarden	4.50	40

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.

Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Field-grown carnation plants; strong, healthy, well packed.

	Per 100
1000 Joost, No. 1	$4.00
500 Joost, No. 2	2.00
500 Lord, No. 1	4.00
200 Lord, No. 2	2.00
100 Flora Hill, No. 1	4.00
100 Flora Hill, No. 2	2.00
500 Queen Louise, No. 2, good	2.50
200 Lawson, No. 2, fair	2.50
200 Prosperity, No. 1, fine	5.00

Chas. Black, Hightstown, N. J.

Carnations, fine, healthy, field-grown. New Daybreak, $12.00 100; $100.00 1000. Reliance, $12.00 100. Lord, extra size, $8.00; 1st size, $6.00 100; $50.00 1000. Enchantress, 2d size, G. Lowndes, $6.00 100; $50.00 1000. Norway, $6.00. Prosperity, 2d size, $5.00. Enquirer, extra size, Harlowarden, 2d size, McKinley, extra size, Fragrance, extra size, Adonis, 2d size, $6.00 100. L. Pond, Mrs. Roosevelt, $5.00 100. Wolcott, small, healthy plants, $4.00 100. Sybil, $5.00 100; $40.00 1000.

H. Weber & Sons, Oakland, Md.

52,000 large, bushy healthy field-grown carnations. Per 100:

Enchantress	$6.50	Queen Louise	$5.00
G. Wolcott	5.00	Q. Louise, 2d size	3.00
The Queen	6.00	B. Market	5.00
Floriana	5.00	B. Mark., 2d size.	3.00
Lillian Pond	4.00	Cervera, 2d size.	3.00
M. Field	5.00	Marquis, 2d size.	3.00
May Naylor	5.00	Maceo, 2d size..	3.00
Her Majesty	5.00	M. Glory	5.00

Cash with order.

C. L. Howe, Dover, N. H.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$6.00	Harry Fenn	$5.00
Estelle	6.00	Lorna	5.00
Alba	6.00	Glacier	5.00
Enchantress	8.00	M. Glory	5.00
Lawson	6.00	America	5.00
Q. Louise	5.00	Joost	5.00
Manley	5.00	Red Wave	5.00
Lord	5.00	Gomes	5.00

Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$ 4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Enchantress	10.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Estelle	7.00	Cash, please, or reference.	
Variegated.			
Bradt	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Carnations, field-grown, strong, healthy, free from disease at following low prices, $5.00 per 100, for varieties listed below:

Glacier	Morning Glory
White Cloud	Guardian Angel
Flora Hill	Marquis
Queen Louise	Crane
Ethel Crocker	Armazindy
Mrs. Joost	Bradt
Prosperity	

G. Van Bochove & Bro., Kalamazoo, Mich.

Carnations, clean, stocky plants, ready for benching.

	100	1000		100	1000
Marquis	$3.50	$30.00	M. Glory	$4.00	$35.00
Jubilee	3.50	30.00	Peru	4.00	35.00
Bradt	3.50	.....	D'yb'k, w.	4.00	35.00
Glacier	4.00	35.00	Lawson	4.50	42.00

250 at 1000 rate. Cash.

Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	Estelle	$5.00	$45
Prosperity	5.00	45	W. Cloud	5.00	
Bradt	5.00		M. Wood	4.50	40
Palmer	5.00	45	Apollo	5.00	
F. Hill	4.50		Higinbotham	4.50	40
Joost	4.50	40	Lawson	6.00	

Poehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnations. Per 100:

Hill	$5.00	Louise	$5.00
Joost	5.00	Scott	4.00
McGowan	4.00	Melba	5.00
Portia	4.00	Prosperity	6.00
L. Pond	6.00	M. Glory	6.00
Fair Maid	6.00	Elbon	4.00
Crane	5.00		

Philadelphia Wholesale Flower Market, 1235 Filbert St., Phila.

20,000 carnations, field-grown; our stock is very fine, large, clean and healthy. Per 100:

Morning Glory	$5	Flora Hill	$5
Apollo, red	6	Mrs. P. Palmer	6
Murphy's White	5	Glacier	6
Lillian Pond	6	Roosevelt	5
Queen Louise	6	America	5
F. Joost	5		

Evenden Bros., Williamsport, Pa.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink.	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Carnations, fine, healthy field-grown plants.

	100	1000		100	1000
F. Hill	$3.50	$30	Higinbotham	$3.50	$30
W. Cloud	4.00	35	L. Pond	3.50	
Peru	4.00	35	Prosperity	3.50	
Lawson	4.00	35	Lord	3.50	
America	3.50	30	Joost	4.00	35
G. Angel	3.50	30			

Vaughan & Sperry, 58-60 Wabash Ave., Chicago.

Healthy field-grown carnations.

	100	1000
Flora Hill, extra fine	$3.00	$27.00
Thos. Cartledge, best prolific red	3.00	27.00
America	3.00	27.00
Joost	3.00	27.00
Tidal Wave	3.00	27.00

Dinstel Bros., 1056 No. 62d Ave., Chicago.

Carnations, field-grown, fine healthy stock, no stem-rot. Lawson, W. Cloud, Nelson, Prosperity, Glacier, Norway, Adonis, Fair Maid, Floriana, Dorothy, Elma, Gaiety, Bradt, Manley, H. Fenn, McKinley, B. Market, Wolcott, $5.00 100; $45.00 1000. Crane, Gomez, Maceo, $4.50 100; $40.00 1000. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

STRONG FIELD-GROWN CARNATIONS.

1,000 Enchantress	$8.00 per 100
3,000 Morning Glory	5.00 per 100
1,000 Lawson	5.00 per 100
500 Estelle	5.00 per 100
500 Glacier	4.00 per 100

Cash With Order.

ELI CROSS, Grand Rapids, Mich.

Carnations, extra strong, stocky plants.

	100		100
Q. Louise	$6.00	Nelson	$5.00
B. Market	6.00	Joost	5.00
Lord	6.00	Cervera	5.00
Prosperity	5.00	McGowan	4.00

Frank H. Kimberly, New Haven, Conn.

LOOK HERE! Extra fine field-grown carnation plants, no stem-rot. Queen Louise, Joost, Morning Glory, Gen. Maceo, $5.00 100; $45.00 1000. Mrs. Lawson, Challenger, Crane, Queen, Boston Market, $6.00 100; $50.00 1000. 250 at 1000 rate. James E. Beach, Bridgeport, Conn.

CARNATIONS—Continued.

A1 carnations, 10,000 plants, no disease.

	Per 100		Per 100
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

Choice field-grown carnations. We find Joost the most profitable pink. Our stock is excellent.

	100	1000		100	1000
Wolcott	$5.00	$45	Palmer	$4.00	$35
Joost	4.00	35	Glacier	4.00	35
McKinley	3.00	25			

A. C. Canfield, Springfield, Ill.

Carnation plants, field-grown. No stem-rot.

	100	1000		100	1000
Lawson	$5.00	$45	Nelson	$5.00	$45
G. Angel	3	27.50	Higinbotham	4.00	35
Hill	3.00	27.50	W. Cloud	4.00	35
Q. Louise	4.00	35	Peru	4.00	35
Lord	4.00	35	Joost	4.00	35
Estelle, red.	5.00	45	Peru	4.00	35

Geo. Reinberg, 51 Wabash Ave., Chicago.

225 Boston Market
500 Marquis
60 Morning Glory
200 Bradt
300 Enchantress
800 Queen Louise
175 Crane
400 Daybreak

Enchantress, 8 cents each; the others $6.00 per 100, $50.00 per 1000; 250 go at the 1000 rate.
Wm. F. Kasting, 385 Ellicott St., Buffalo, N. Y.

Field-grown carnations, 2500 extra heavy plants of a seedling from Lawson, now in third year. Color clear cerise pink, never bursting calyx, free blooming, size equal to Lawson. Well worth a trial by everyone. Price, while they last, $5.00 100, cash.
Charles Potter, West Boylston, Mass.

2000 Freedom, large white, $4.00 per 100, $33.00 per 1000; 1500 Joost, $4.00 per 100, $35.00 per 1000. Express paid any distance less than 500 miles. 200 Morning Glory, 200 Crimson King, 150 Queen Louise, 50 Mondell, 50 Estelle, $5.00 per 100, 300 for $4.00 per 100.
C. E. Allen, Brattleboro, Vt.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You'll not regret it.
W. E. Hall, Clyde, O.

If you want carnations of the best size and quality in mid-winter, get VESPER and be quick about it; only a few left, $8.00 per 100; $75.00 per 1000. Cash in the morning; plants start after dinner.
Isaac A. Passmore, West Chester, Pa.

Large, healthy summer blooming plants of Scott and Fisher at 3½c; $3.00 per 100. Joost, 2nds at 3c. 500 Q. Louise at 4c. Orders for rooted or unrooted summer blooming Scott and Fisher. Cash with order.
W. H. Vance, Wilmington, Del.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Carnations Reliance, Pond, Mrs. Palmer, Pink Lawson, Nelson, Cressbrook, Higinbotham, M. Field, Tiger, Prosperity, Harlowarden, extra large; Whitney, 4c each. Moonlight, 8c. White Lawson rooted cuttings, ready Jan. 1, $7.00 100; $60.00 1000. Chicago Carnation Co., Joliet, Ill.

2000 Enchantress, $6.00 per 100, $50.00 per 1000; 1500 Boston Market, $5.00 per 100, $40.00 per 1000; 300 Queen, $5.00 per 100; 200 Lawson, $6.00 per 100; 100 Faid Maid, $4.00 per 100. Strong field-grown plants. Cash.
Chas. H. Green, Spencer, Mass.

Strong, healthy, field-grown carnation plants.
Enchantress ..... $8.00 per 100; $70.00 per 1000
Fair Maid ..... 6.00 per 100; 50.00 per 1000
Queen ..... 6.00 per 100.
Mrs. Lawson ..... 6.00 per 100.
L. E. Small, Tewksbury, Mass.

We have 2000 Wm. Scott, 2000 Lizzie McGowan and about 2000 Bondy, Portia, Mrs. Joost, Elbon, etc. Good field-grown carnation plants. As we wish to clean ground off, will take $25.00 per 1000. Cash must accompany order.
J. H. A. Hutchison, Otford, Pa.

Carnations, strong, healthy, field-grown, $5.00 per 100. Prosperity, Joost, Q. Louise, F. Hill, Marquis, McGowan, Daybreak, Wm. Scott, Cressbrook, Crocker, Maceo, Norway. Cash or satisfactory reference.
J. J. Arnold, Homer, N. Y.

Carnation plants. Ethel Crocker, large, 1st size, $4.50 per 100; $40.00 per 1000. Eldorado, large, 1st size, $4.50 per 100; $40.00 per 1000. Mrs. Joost, 2d size, short and bushy, $8.00 per 1000.
Lakeview Rose Gardens, Jamestown, N. Y.

Healthy, field-grown carnations, Joost, Flora Hill and Queen Louise, to close, $5.00 per 100. Cash, please. H. M. Totman, Randolph, Vt.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Carnations. To close out quick, for cash, Lawson, Gomez, Daybreak, Perfection, M. Glory, America, Hill, Crane, $3.50 per 100; $30.00 per 1000; mixed varieties, $2.50 per 100; $20.00 per 1000.
W. H. Watson, Son & Co., Lapeer, Mich.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Large, healthy field-grown plants of Morning Glory, Joost and Crocker, $4.00 100; $35.00 1000. Good, bushy plants of Lawson, Joost and Crocker from 3 to 4-inch pots, $4.00 100. Cash.
G. Hanson, 1025 S. Cameron St., Harrisburg, Pa.

Field-grown carnations. Extra strong, healthy plants. Queen, B. Market, Fair Maid, $6.00 100; $50.00 1000. Eldorado, Harlowarden, $5.00 100; $40.00 1000. Enchantress, $6.00 100.
Backer & Co., Billerica, Mass.

Field-grown carnations. Per 100:

Enchantress	$7.00	Mrs. Joost	$3.50
Mrs. Lawson	5.00	G. Angel	3.50
G. Wolcott	6.00	Q. Louise	3.50

N. C. Moore & Co., Morton Grove, Ill.

FIELD-GROWN CARNATION PLANTS.

3000 Flora Hill	$5.00 per 100;	$40.00 per 1000
1000 Mrs. Joost	5.00 per 100;	40.00 per 1000
1000 Wm. Scott	4.00 per 100;	35.00 per 1000

N. L. Wilson, Oxford, Pa.

Field-grown carnation plants. 5000 Flora Hill, 1000 Norway, 2000 Maceo left, which we will guarantee and will pay express on the order of 1000 plants at $3.00 per 100 or $25.00 per 1000 for cash. Arlin & Arlin, Clyde, Ohio.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $8.00 per 100; $75.00 per 1000. 1000 Gov. Wolcott, $6.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations, surplus stock, fine, healthy plants, Joost, Marquis, White Cloud, Guardian Angel and a few others, at $4.00 per 100. Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, $2.50 per 100; $20.00 per 1000. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Field-grown carnation plants. Enchantress, Lawson, Fair Maid, The Queen, $6.00 per 100; $50.00 per 1000. White Cloud, Murphy's White, Joost, $5.00 per 100; $40.00 per 1000.
H. F. Littlefield, Worcester, Mass.

10,000 carnation plants, 20 different varieties, including some of the very best, at lowest prices. Must be closed out to make room for building lots.
Geo. H. Ford, 27 E. 21st St., New York.

250 1st size Joost ..... $5.00 per 100
750 2nd size Joost ..... 4.00 per 100
100 White Cloud ..... 5.00 per 100
The lot for $40.00.
South Bend Floral Co., South Bend, Ind.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

Carnations, field-grown, Norway, Marquis, Joost, Roosevelt, M. Glory, Apollo, Estelle, Palmer, Bradt, Higinbotham, Whitney, Alba, Stella, $5.00 100.
Joseph Heinl & Sons, Jacksonville, Ill.

Field-grown carnation plants. Fine lot of Joost, slightly mixed with Scott, 3c; 125 Prosperity, 4c; 50 Gomez, 3c; Scott, 3c. Cash with order.
H. M. Woundy, New Canaan, Conn.

Extra large field-grown carnation plants. Gov. Wolcott, Her Majesty, Marian, White Cloud, Floriana, $5.00 per 100; $45.00 per 1000.
S. J. Reuter, Westerly, R. I.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

1000 medium Lawson, $30.00; 2000 Norway, $3.50 100, $30.00 1000; 200 Crane, 2½c; 250 Lorna, 3½c; 50 Wolcott, 3c; 50 Roosevelt, 3c. Good stock.
Kring Bros., Fairbury, Ill.

Surplus carnations, no stem-rot. Lawson, Enchantress, Crocker, Joost, Apollo, Harlowarden, M. Field, Eldorado and Prosperity.
U. S. Cut Flower Co., Elmira, N. Y.

Carnations, field-grown, well-grown, healthy. Guardian Angel, Morning Glory, $4.00 100; $35.00 1000. Satisfaction guaranteed.
A. B. Davis & Son, Purcellville, Va.

Carnations, field-grown. 1000 Guardian Angel, 1000 Joost, 2000 Lord, 2000 Marquis, good stock, $4.00 per 100; $35.00 per 1000.
B. Hasslebring, Flint, Mich.

Strong and healthy field-grown carnations. Gov. Wolcott, B. Market, extra fine Lawson, Elma, Goodenough, Maceo, $5.00 100.
Sidney Littlefield, North Abington, Mass.

Carnations. 200 good, strong E. A. Nelson, $4.00 100; 100 Morning Glory, $3.00 100; 200 T. W. Lawson, 2nd size, $3.00 100.
Harry White, North Manchester, Ind.

Field-grown carnations, healthy and stocky. Prosperity, Joost and Hill, $5.00 per 100; $45.00 per 1000.
T. B. Stroup, New Philadelphia, Ohio.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

100,000 field carnation plants. 1st size, $7.00, 2nd size, $5.00 per 100. See display adv. for list of varieties.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Field-grown carnations, extra strong, no stem-rot. 3000 Flora Hill, $3.50 100. 500 Prosperity, $4.00 100. Cash.
F. P. Caird, 271 River St., Troy, N. Y.

Carnations, fine field plants, no stem-rot. 800 Prosperity, 200 Joost, $3.50 per 100; $30.00 for the lot. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Field-grown carnation plants. 6000 Lawson, 1000 M. Glory, 1000 Wolcott, 1000 W. Cloud at $40.00 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

Carnation plants, first-class stock.
1000 Norway ..... $4.00 per 100
2000 Mrs. Ine ..... 4.00 per 100
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Carnations. Healthy plants, free from disease. Enchantress, 8c; Estelle, 6c; Prosperity, 5c.
D. R. Herron, Olean, N. Y.

Fine, stocky plants of Queen Louise, Mrs. Nelson, Prosperity and Eldorado, $5.00 100, cash.
John Coombs, Hartford, Conn.

400 Prosperity, 400 Joost, 75 Sybil, 100 Mrs. Roosevelt, $4.00 per 100; Estelle, $5.00 per 100.
Carl Rauth, Springfield, Ill.

Field-grown carnation plants. Mrs. Fisher, white; G. Angel, pink; Crane, red, at $5.00 100.
Geo. A. Kuhl, Pekin, Ill.

Carnation Boston Market, $4.50 100. Fair Maid, Foster, Joost, $3.75 100; strong plants.
Otto H. Bourdy, Lowell, Mass.

10,000 fine field-grown carnations in the best varieties. Write for prices on what you need.
Geo. Hancock & Son, Muskegon, Mich.

Carnations Lawson, Louise, Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 8c.
W. W. Coles, Kokomo, Ind.

Strong, bushy plants, Wolcott, $4.00 per 100; Lord, $3.00 per 100. Cash.
Chas. Wiffin, Des Plaines, Ill.

Carnations. 1000 Fair Maids and 500 Gov. Wolcott, $5.00 per 100.
A. Batley & Son, Maynard, Mass.

5,000 extra fine Joost carnations, field-grown, $4.00 100; $35.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

1000 Ethel Crocker, large, healthy plants, $3.50 100. Cash.
Richard Coombs, West Hartford, Conn.

Field-grown carnations. Queen Louise, $4.50 100. Lawson, $5.00 100.
Scharff Bros., Van Wert, Ohio.

Field-grown carnations. Write for varieties and prices to
Crabb & Hunter, Grand Rapids, Mich.

800 Prosperity carnations, strong field-grown, $3.00 100. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

1000 extra fine Frances Joost carnations, $5.00 per 100. Walter A. Temple, Westboro, Mass.

1200 Norway, white; 300 Potter Palmer, red, at $35.00. Jos. Labo, Joliet, Ill.

All fancy and standard varieties of carnations. E. Bernheimer, 11 So. 16th St., Phila.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son., White Marsh, Md.

Lady Fitzwygram chrysanthemum stock plants now ready. Write for prices.
W. F. Dunteman, Bensenville, Ill.

2½-in. mums, $18.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias, $2.00 100.
Jos. H. Cunningham, Delaware, O.

Send in your order now for a copy of the Florists' Manual.

COLEUS.

Coleus, finest mixed, 2-in., $1.00 per 100. Write quick to Hammerschmidt & Clark, Medina, Ohio.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

CYCAS.

Cycas revoluta, 8 to 10 leaves, 75c each; 10 to 12 leaves, $1.00 each; 12 to 15 leaves, $1.50 each. Storrs & Harrison Co., Painesville, Ohio.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cycas revoluta, all sizes, from 35c to $1.00 each. A. Mirring, East St. Louis, Ill.

CYCLAMEN.

Cyclamen giganteum, fine strain, 4-in. pots, $8.00 per 100, while they last. Thaddeus N. Yates & Co., 7356 Germantown Ave., Philadelphia, Pa.

Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum; finest giants mixed; bulbs ½ inch in diameter, good leaves, $2.00 100. John F. Rupp, Shiremanstown, Pa.

Cyclamen giganteum, large flowering, 4-in., $10.00 100; 5-in., $15.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong, 4-in. pots, $10.00 100.
G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen in 3-in., ready for shift, $7.00 per 100. Cash with order. O. L. Baird, Dixon, Ill.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

DAHLIAS.

Dahlias. 150 Snow Clad, $4.00 per 100; 150 single, mixed, $3.00 per 100; field roots as dug. The lot for $10.00.
S. J. Galloway, Eaton, Ohio.

Dahlia roots. List and prices sent on application.
R. Vincent, Jr. & Son, White Marsh, Md.

DAISIES.

NOW READY—Genuine Burbank's California Shasta daisies, guaranteed true to name. Strong, well rooted plants, grown from cuttings. While they last. $5.00 per 100, delivered anywhere in the U. S. Positively cash with order. S. W. Marshall & Son, Fresno, Cal.

Double daisies Longfellow and Snowball, $2.50 per 1000; 50c per 100 by mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Daisies, double English white and pink, best kinds, large plants, $2.50 per 1000.
G. R. Clark, Scranton, Pa.

Giant white daisies, strong, 3-inch, $5.00 100. Phila. Wholesale Mkt., 1235 Filbert, Phila.

Bellis perennis, strong plants, $3.00 1000.
J. S. Bloom, Riegelsville, Pa.

DELPHINIUMS.

Delphinium formosum, large plants, $5.00 per 100; small plants, $3.00 per 100.
G. R. Clark, Scranton, Pa.

DIGITALIS.

Digitalis gloxiniaeflora, $3.00 per 100.
G. R. Clark, Scranton, Pa.

DRACÆNAS.

500 Dracæna indivisa, strong field-grown plants, ready for 5½-in. and 6-in. pots, $10.00 100. Cash.
Jacob Hauck, 86 So. Grove St., East Orange, N. J.

Dracaena indivisa, field-grown, 2-year, fine, $2.50 per doz.; $20.00 per 100. Cash or approved credit.
E. & C. Woodman, Danvers, Mass.

100 Dracæna indivisa from ground, 6 to 7-inch pots, $15.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

EPIPHYLLUMS.

Epiphyllum truncatum, E. makoyanum, 1, 2 and 3-yr. crowns, $20.00, $30.00, $40.00.
A. Mirring, East St. Louis, Ill.

EUPHORBIAS.

Euphorbia Jacquinifolia, 3-in., $8.00 100; 4-in., $12.00 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS.

30,000 Boston ferns ready for delivery; nice young plants, $15.00 per 1000.

Nephrodium patens, $2.00 per 100. N. amplum, a nice tree fern, good 3-inch pots, 25c each.

Acrostichum lomarioides, fine plants, $4.00 per 100.

Asplenium myriophyllum, beautiful little lace fern, $4.00 100. A. serratum, somewhat resembling the birds' nest fern, rare, 25c to 75c each.

Tecteria trifoliata, rarely in cultivation, 25c each, $20.00 per 100. Send P. O. order on Little River, Fla. Send for catalogue out next month. Soar Bros., Little River, Fla.

Extra fine Boston ferns, 4, 6, 7 and 8-in. pots at 15c, 35c, 50c and 65c. These are sold at bargain prices, being unable to winter them.

Piersoni, fine, handsome transplanted stock from soil, 10c, 15c, 25c. Will give large profits. Many who have bought are ordering more; it is sure to please you. Extras put in to cover expressage. Write for price in quantity. Cash. R. C. Pye, Nyack, N. Y.

FERNS OUR SPECIALTY.

Assorted ferns for jardinieres, good varieties, from 2¼-in. pots, $3.00 per 100; $25.00 per 1000.

Fresh fern spores gathered from our own stock and guaranteed good, 35c per trade packet; 12 packets for $4.00.

Mention FLORISTS' REVIEW when writing.
ANDERSON & CHRISTENSEN, Short Hills, N.J.

NEPHROLEPIS SCOTTII. Plants from bench ready for 4-in. pots, $4.00 doz.; $25.00 100; $200.00 1000; 5-in., $5.00 doz.; $35.00 100; 6-in., $9.00 doz.; $60.00 100; 6-in. pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

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4-in.	5 to 6	15 to 18 inches	4.50	35.00
5-in.	6 to 7	18 to 20 inches	6.00	50.00
5-in.	6 to 7	20 inches	9.00	70.00
			Each.	12
6 in	6	20 to 24 inches	$1.00	$12.00
6-in.	6 to 7	28 to 30 inches	1.25	15.00
6-in.	6 to 7	30 to 36 inches	1.50	18.00
8-in.	6 to 7	34 to 36 inches	2.50	30.00

KENTIA FORSTERIANA.

Pot.	Leaves.	High	Each.	12
6-in	5 to 6	28 to 30 inches	$1.00	$12.00
6-in	6	30 to 32 inches	1.25	15.00
6-in.	6	32 to 36 inches	1.50	18.00

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7-in.	4 plants	32 inches	$2.00
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Henry IV	10c	.40
Clarissa	10c	.40
Mlle. Rendatler	15c	.60
Rose.		
C. Devered	10c	.40
Duc de Cazes.	10c	.35
C. Verdier	10c	
M. Barral	30c	.75
Rosea superba.	10c	.35

Purpurea Delachei, 3-yr.-old, $1.25. C. Verdier, 3-yr.-old, 50c.
Peterson Nursery, Lincoln and Peterson Aves., Chicago.

Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100, $75.00 1000. 500 at 1000 rate.
F. A. Baller, Bloomington, Ill.

Ne Plus Ultra, fine for market purposes. 5,000 strong at 10c each. Send for list of others. Edward Swayne, Westchester, Pa.

Peonies in variety, surplus stock, strong clumps, just as they are dug, $10.00 per 100.
Harvey B. Snow, Camden, New York.

Peony roots, large clumps, 7 years old, best varieties; single, to force in pots for Xmas.
Chicago Carnation Co., Joliet, Ill.

Peonies, 400 kinds, some of the finest. Send 30 cents for complete Peony Manual.
C. S. Harrison, York, Neb.

Peonies, white, $10.00; pink, $8.00; Humei, $7.00; mixed, $6.00 per 100.
S. J. Galloway, Eaton, Ohio.

Fine collection of peonies including Festiva maxima. For prices write
Gilbert H. Wild, Sarcoxie, Mo.

300 peonies, mostly pink, to exchange for ferns and Sprengeri. Geo. Engel, Xenia, Ohio.

PLUMBAGOS.

Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

POINSETTIAS.

Poinsettias, strong 3-in. pot plants, just right for pans, fern dishes and jardinieres, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 2½-in. pots, right for planting in pans, $5.00 per 100. Cash.
Seidewitz, 36 W. Lexington St., Baltimore, Md.

Poinsettias, 3-in. pots, $6.00; 4-in. pots, $10.00; 6-in. pots, $20.00.
Chas. Long, 1820 Buckius St., Sta. F, Phila.

Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
John Ziegenthaler, 1865 Buckius St., Phila.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

Poinsettias, 2½-inch, $4.00 per 100.
Krueger Bros., Toledo, Ohio.

Poinsettias, 2½-in., $5.00 100.
Storrs & Harrison Co., Painesville, Ohio.

POPPIES.

Oriental poppy, $3.00 per 100.
G. R. Clark, Scranton, Pa.

PRIMULAS.

BUTTERCUP (new), a free-flowering yellow primrose, coming into full bloom for Thanksgiving and Christmas trade. Strong plants from 3-in., $1.50 doz., $10.00 100.
CHINESE PRIMROSES, from the best European strain, 2½-in., ready for a shift, $3.00 100.
PRIMULA Forbesi (Baby primrose), fine, bushy plants, 2¼-in., $2.50 100.
Nathan Smith & Son, Adrian, Mich.

Primula obconica grandiflora compacta, new. P. obconica oculata. P. obconica grandiflora purpurascens. P. obconica grandiflora kermesina, the best strain in existence, strong plants from 2¼-inch pots, $3.00 per 100. Cash.
Henry Schmidt, 408 Fulton St., Union Hill, N. J.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula obconica, 3-inch pots, $2.50 per 100; 2-inch, $2.00 per 100. Will exchange for ferns and Sprengeri. Geo. Engel, Xenia, Ohio.

Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Primula chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula chinensis, 3-in., $3.00 100; 4-in., $6.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, 4-in., $6.00 100.
J. S. Bloom, Riegelsville, Pa.

PRIVET.

100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet.

1 year,	2 to 4	branches,	12 to 18 inches.
2 year,	4 to 8	"	20 to 24 "
2 year,	6 to 10	"	24 to 36 "
2 year,	6 to 12	"	36 to 48 "
3 year,	8 to 12	"	36 to 48 "

Two and three years. Has been transplanted. Write for trade list and prices.
J. H. O'HAGAN, Little Silver, N. J.

500,000 plants of privet, all sizes up to 4½ feet. Write for prices.
James McColgan, Red Bank, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

PYRETHRUMS.

Pyrethrum roseum hybridum, mixed, $1.50 per 100. G. R. Clark, Scranton, Pa.

ROSES.

Roses for winter flowering. Extra fine bushy plants. Liberty, Franz Deegen, 3½-in. pots, $18.00 100. Maids, Brides, Golden Gates, Ivory, La France, Kaiserin, 3½-in. pots, $15.00 100.
Own roots. Beauties, Ivory, La France, 3-in. pots, $7.00 100. Brides, Maids, Perles, G. Gates, 3-in. pots, $5.00 100.
J. L. Dillon, Bloomsburg, Pa.

Roses. 10,000 rooted cuttings of Brides, Bridesmaids, G. Gates, Ivory, 75c per 100. Must be sold at once. 2-yr--old roses from 4 and 5-in. pots, $10.00 per 100. Send for list of varieties. R. E. Creager, Thurmont, Md.

10,000 Crimson Rambler roses from 2½-in. pots, $3.50 per 100. Large, field-grown plants, $15.00 per 100. Aurora Nurseries, Aurora, Ill.

5000 strong 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

3½-in. Brides and Gates, excellent stock, $30.00 1000; 2½-in. Maids, $20.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Crimson Rambler roses, 1-yr.-old, $6.00 100. Send for sample.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

Brides, Maids, Perles, Gates, Ivory, strong 3-in., $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Roses. 500 Ivory, 3-in., very fine, $4.00 per 100. S. M. Harbison, Danville, Ky.

Maids, Brides, Golden Gates, 4-in., $10.00 100. A. Mirring, East St. Louis, Ill.

All fancy and standard varieties of roses.
E. Bernheimer, 11 So. 16th St., Phila.

Roses. Gates, Ivory and Brides, 2c.
W. W. Coles, Kokomo, Ind.

ROSE STOCKS.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 4-in. pots, 25c; 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
G. Aschmann, 1012 Ontario St., Phila.

Variegated ficus, September delivery, $5.00 per doz. Ficus elastica (green), sold out till spring 1905 delivery.
A. C. Oelschig & Son, Savannah, Ga.

Rubbers, top layers, 12 to 15-in., $3.00 doz.; 15 to 18-in., $4.00; 18 to 24-in., $5.00.
Joseph Heinl & Sons, Jacksonville, Ill.

Rubbers, 4-in., 25c; 5-in., 35c; top stock, strong. Cash. Byer Bros., Chambersburg, Pa.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Rubbers, 6-in., 18 to 30 inches high, $30.00 100. A. Mirring, East St. Louis, Ill.

Ficus, 6-in., $40.00 100; 4-in., $22.50.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

SALVIAS.

Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
The E. G. Hill Co., Richmond, Ind.

SEEDS.

Rocky Mountain tree seeds. Picea pungens, P. Engelmanni, Abies Douglasii, Pinus ponderosa, silver cedar, concolor, Juniperus monosperma. Write for prices.
Barteldes & Co., 1521 15th St., Denver, Colo.

SEEDS—Continued.

Primulas, finest Chinese grown, mixed, 500 seeds, $1.00; half-pkt., 50c. Cyclamen gig., finest mixed, 200 seeds, $1.00; half pkt., 50c. Cineraria, finest large-flowering, dwf., 1000 seeds, 50c. Daisy, dbl. giants, mixed, 1000 seeds, 25c. Pansy, giant large-flowering, 5000 seeds, $1.00; half pkt., 50c. 500 seeds of "Giant Mme. Perrett" added to every $1.00 pkt. of giant pansy seed. Cash.
John F. Rupp, Shiremanstown, Pa.

Sweet peas for Christmas blooming—Zvolanek's Christmas, pink; and Fl. Denzer, pure white. If seed is sown during the first days of Sept. you will have sweet peas for Christmas and all winter. Price: Pkt., 75c; lb., $2.50 postage paid. Genuine only when in my original packets. Orders for less than pkt. not accepted.
Ant. C. Zvolanek, Grand View, N. J.

Asparagus Sprengeri, fresh, 15c 100, $1.00 1000, $4.00 5000. Cyclamen per. gig., sep. colors, 75c 100, $6.00 1000. Berger's Never Fail pansy, finest mixture, 25c 1000, $1.00 5000. Pandanus utilis, $1.00 100, $8.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Boddington's GIGANTIC CYCLAMEN is unequaled for size and quality of bloom. Separate varieties or mixed, $1.50 per 100 seeds. $12.00 per 1000.
A. T. Boddington, 342 West 14th St., New York.

I have from 50,000 to 75,000 Phoenix canariensis seed, just ripening on old, large plants growing on my own place, that I will sell for $1.50 per 1000; $6.50 per 5000.
F. Schultz, Hobe Sound, Fla.

Zirnglebel's FANCY and MARKET strains of giant pansies are the finest in the market. New crop seed, in trade packets at $1.00 each for either strain, ready now.
Denys Zirnglebel, Needham, Mass.

Our wholesale trade price list of high-class seeds is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

New crop Shasta daisy seed, trade pkt., 25c; 1 oz., $5.00; 1 lb., $50.00. Prepaid. Cash, or C. O. D. Loomis Floral Co., Loomis, Cal.

X X X Pansy seed, fine varieties, mixed. Trade packet, 50c; quarter ounce, $1.00; ounce, $3.50. D. B. Woodbury, South Paris, Me.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.00 per 1000. Prepaid. Cash with order. J. K. Allen, Orlando, Fla.

Kentia Belmoreana seed, 50c for 100; $1.75 for 500; $3.25 for 1000; $6.00 for 2000.
The Livingston Seed Co., Columbus, Ohio.

Turnip, parsnip, beet and onion seeds; also sweet corn. Write for prices.
Everett B. Clark Co., Milford, Conn.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SELAGINELLAS.

Selaginellas, 4-in., $6.00 per 100.
J. S. Bloom, Riegelsville, Pa.

SMILAX.

Smilax. Good 6-ft. strings of bright, clean smilax, 10c each, $1.00 doz. Cash. We ship promptly 2 strings by mail, 25c. Try us.
R. Kilbourn, Clinton, N. Y.

2000 strong, 3-in. smilax, grown for my own use, $1.50 per 100. Changed plans necessitates disposing of them.
E. C. Keck, Washington, Iowa.

Smilax plants, strong, bushy stock in 2½-in. pots, $15.00 per 1000. Cash with order.
John Brod, Niles Center, Ill.

Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100; $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax, large, healthy plants, 2-in., $1.25 per 100; $10.00 per 1000.
O. B. Stevens, Shenandoah, Iowa.

Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax seed, ¼ lb., 75c; ½ lb., $1.40; 1 lb., $2.50.
JACKSON & PERKINS CO., Newark, New York.

Smilax, fine plants out of 2½-in., $1.25 100; $10.00 1000. J. C. Schmidt Co., Bristol, Pa.

Smilax, 2½-in. pots, $1.75 100; $15.00 1000.
Converse Greenhouses, Webster, Mass.

200 smilax that is smilax. Make me an offer.
William Clark, Colorado Springs, Colo.

2,000 smilax, 3 to 4-inch, $3.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr., & Son, White Marsh, Md.

SPIRAEAS.

Spiraea Van Houttei, 2000 very fine, bushy plants, from 2 to 2½ feet, $8.00 per 100.
The Continental Nurseries, Franklin, Mass.

STEVIAS.

500 dwarf stevia from 3½-in. and 4-in. pots, stopped back, 4 to 8 branches, fine and stocky, $6.00 100, cash. F. C. Goble, Verona, N. J.

Stevia, field-grown, in 5-in., ready for 8-in., $8.00 per 100. O. L. Baird, Dixon, Ill.

Stevia, 2½-in., strong, $18.00 per 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Strong, field-grown plants, $8.00 100.
Phila. Wholesale Mkt., 1235 Filbert, Phila.

Stevia, strong, field-grown, $7.00 100.
Otto Bourdy, Lowell, Mass.

Stevia, 4-in. pots, $5.00 per 100.
Converse Greenhouses, Webster, Mass.

SUMACHS.

Sumach, cut-leaved Stag-horn, new, very ornamental, large stock, 2 to 4 ft., 10c to 15c.
Edward Teas, Joplin, Mo.

SWEET WILLIAMS.

Sweet williams, mammoth strain, large seedlings, $3.00 per 1000.
G. R. Clark, Scranton, Pa.

UMBRELLA PLANTS.

Umbrella plants, good 4-inch stuff; 400 plants, 6c each. Cash.
E. C. Boss, Honesdale, Pa.

Umbrella plants. Nice 2¾-in., $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Golden Self-Blanching, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants, 15c 100; $1.00 1000. Cabbage—Jersey Wakefield, Charleston Wakefield, Lupton. Lettuce—White Loaf, San Francisco Market.
Samuel W. Shanklin, White Marsh, Md.

Lettuce plants. Big Boston and Boston Market, strong transplanted, $1.50 per 1000; smaller, $1.00 per 1000. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Lettuce plants. Grand Rapids and Hanson, strong, stocky, outdoor grown, $1.00 1000.
J. A. Keeney, Monongahela, Pa.

Lettuce plants, Grand Rapids, $1.25 1000. Parsley, extra double curled, $1.25 1000.
S. J. Perry, Box 33, Grand Rapids, Mich.

Several hundred fine sorts of rhubarb for immediate setting, $5.00 100, cash.
F. Seth Wiard, Yalesville, Conn.

Parsley, large field-grown plants, 25c per 100; $1.25 per 1000.
J. C. Schmidt Co., Bristol, Pa.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca variegata, strong plants, long vines as lifted from field, $5.00 per 100; $40.00 per 1000. C. M. Niuffer, Springfield, Ohio.

Vinca variegata, strong, field-grown, $5.00 100; 2d size, $3.00. Cash or satisfactory reference. J. J. Arnold, Homer, N. Y.

Vinca variegata, field-grown, fine, $1.00 per doz., $8.00 per 100. Cash or approved credit.
E. & C. Woodman, Danvers, Mass.

2,000 Vinca variegata from ground, nice plants. 4 to 5-inch pots, $5.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

Vinca variegata, strong plants from field, $4.00 per 100.
Van Aken Bros., Coldwater, Mich.

Vinca var., field-grown, $3.00 100.
Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

Princess of Wales, fine, healthy stock, propagated from plants wintered in the open ground, a natural rest, you know what that means. 2-in., $2.00 per 100; $18.00 per 1000; 2¼ in., $2.25 per 100; $20.00 per 1000.
Harmon & Henderson, Iola, Kan.

Good, clean, healthy Marie Louise violet plants, $3.00 per 100; $25.00 per 1000. Cash with order.
Albert G. Pfisterer, Violet Ave., Poughkeepsie, N. Y.

Violets. Marie Louise clumps, $4.00 per 100; 3-inch pots, $3.00 per 100; 2-inch, $2.00. Campbell, 3-inch, $3.00. Pincess of Wales, 3-inch, $4.00. Will exchange for ferns and Sprengeri.
Geo. Engel, Xenia, Ohio.

10,000 violet clumps, field-grown, clean and healthy. Cash prices. L. H. Campbell, $4.00 per 100. Swanley White, $4.50 per 100. Princess of Wales, $5.00 per 100. The violet grower,
A. B. Campbell, Cochranville, Pa.

Campbell, Wales and California field-grown plants, $4.00 per 100; $35.00 per 1000. Out of 2½-in., fine, $2.00 per 100; $15.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

20,000 field-grown violet plants. Marie Louise, Farquhar and California; clean and healthy, $5.00 100; $45.00 1000.
Herm. Bowman, White Plains, N. Y.

Violets. Extra fine, field-grown, California and Princess of Wales, from sand rooted cuttings, $6.00 per 100.
Fred E. Hollard, Highland, Ill.

10,000 Princess of Wales violet plants. Fine, healthy, field-grown clumps, $4.50 per 100; $40.00 per 1000.
The A. H. Brown Co., Westboro, Mass.

Violets, Marie Louise and Princess of Wales, $4.00 per 100. Cash. Money returned if not all right. Frank Berry, Stillwater, Minn.

Field-grown, strong, healthy plants of Marie Louise violets, $5.00 100; California, $3.50 100. Cash. C. Adams, Helena, Ark.

Violets, fine, field-grown. California, Princess of Wales, Lady Campbell, $4.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Imperial violets from 3-in., $4.00 100; 2-in., $2.50 100. Campbell, 3-in., $4.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Violets. Strong, healthy field-grown Campbell, $2.50 per 100; $20.00 per 1000.
Wm. H. Search, Avondale, Pa.

Maria Louise violets, field-grown, $5.00 per 100; pot-grown, 3-in., $3.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Violets. California and Louise, 3-in. pots, $3.00 per 100; ready for planting.
S. M. Harbison, Danville, Ky.

300 Princess of Wales violets, $4.00 per 100. Strong field-grown plants. Cash.
Chas. H. Green, Spencer, Mass.

5000 fine, large, healthy field-grown violet plants, $3.50 100; $30.00 1000.
Richard Coombs, West Hartford, Conn.

Field-grown violet plants, strong and healthy, $3.00 100; $25.00 1000, cash.
John J. Connelly, Bryn Mawr, Pa.

3000 violets, field-grown, clean and healthy plants, $2.50 per 100. Cash.
C. Akehurst & Son, White Marsh, Md.

Violets Marie Louise and Princess of Wales, fine plants, $2.50 per 100.
John B. Rudy, Elmira, N. Y.

Violets from 3-inch pots, California or Campbell, $30.00 1000.
Phila. Wholesale Mkt., 1235 Filbert, Phila.

600 Marie Louise violets, field-grown stock, $4.00 100.
Chas. Zepnick, Chicago Ave., Milwaukee, Wis.

25,000 violets, field and pot plants, 6 varieties. Write Benj. Connell, West Grove, Pa.

2000 strong, field-grown Lady Campbell, $4.00 per 100. Otto H. Bourdy, Lowell, Mass.

500 Princess of Wales from field, $6.00 per 100. R. D. Kimball, Waban, Mass.

Marie Louise violets, strong, field-grown, $4.00 100. Davis Bros., Geneva, Ill.

Princess of Wales violet plants; large clumps, 5c. W. W. Coles, Kokomo, Ind.

300 Princess of Wales violets, field-grown, at $6.00. Jos. Labo, Joliet, Ill.

Violets Lady Campbell, field-grown, $4.00 100.
Converse Greenhouses, Webster, Mass.

Violets La France; fine, field clumps, 5c.
Edward Teas, Joplin, Mo.

MISCELLANEOUS.

Alternantheras, $3.00 per 100. Geraniums Mme. Sallerol, $6.00 per 100; Alp. Ricard, $6.00 per 100. Vincas and myrtle, creeping, field-grown, $5.00 per 100. Honeysuckles, $7.00 per 100. Feverfew, strong, bushy plants ready for 6-in. pots, $6.00 per 100. Cash with order.
L. Mosbaek, 8500 Anthony Ave., So. Chicago, Ill.

TO EXCHANGE.

To Exchange—Extra fine large carnation plants. Joost, Cressbrook, Marquis, McGowan and Prosperity for hardy herbaceous plants, Boston ferns, palms or any plants or bulbs suitable for the retail trade, or will sell cheap. Write what you have.
Tong & Weeks, Ashtabula, Ohio.

To Exchange—Smilax, Asparagus Sprengeri and plumosus, cinerarias and primroses, from 2-in. pots, for white and pink carnations, Hydrangea Otaksa, vincas, Jerusalem cherries and dracaenas. P. G. Campbell, Oswego, N. Y

To Exchange—1000, 2 ring galvanized carnation supports, almost new, for 500 L. Pond, Queen Louise, Glacier, Crane, McGowan or any good varieties.
W. E. Fowler & Co., Edgemore, Del.

To Exchange—200 fine Bostons from bench, ready for 5, 6 and 7-in. pots, for begonias, primroses, cinerarias, poinsettias, or, what have you? Speak quick.
J. A. Swartley & Sons, Sterling, Ill.

To Exchange—Surplus Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Pond and Roosevelt carnations, for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J.

To Exchange—Grand Rapids lettuce or sweet william plants for Nutt, Perkins or Poitevine geranium cuttings or wood.
J. A. Keeney, Monongahela, Pa.

To Exchange—200 McGowan, 100 Hoosier Maid, field-grown, 4 weeks in pots, for pinks, or will sell at 4c each. J. Loehrer, Boone, Iowa.

To Exchange—Alternantheras, red and yellow, for asparagus, cinerarias or primroses.
Victor H. Thomas, Box 82, Augusta, Ky.

To Exchange—Forget-me-nots, primulas, violets, peonies for ferns and Sprengeri.
Geo. Engel, Xenia, Ohio.

WANTED.

Wanted—White Lawson rooted cuttings for January delivery. Send price and the quantity you can supply to
White Lawson, care Florists' Review, Chicago.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York.

Asbestos sectional steam and hot-water pipe coverings. Send for catalogues and estimates. You can save money in fuel.
H. F. Watson Co., Erie, Pa.

We make a full line of asbestos pipe and boiler coverings. Refer to Kroeschell Bros. Co., Chicago. Write for prices.
Sall Mountain Asbestos Co., Chicago.

Pipe and boiler coverings of all kinds.
McConnell Asbestos & Covering Co., Pittsburg.

CUT FLOWER BOXES.

Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241 247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Hardy cut fancy and dagger ferns, mosses, evergreens, wreathing, etc. Satisfaction guaranteed. H. J. Smith, Hinsdale, Mass.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

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EVERYTHING FOR FLORISTS.

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BARGAIN SALE.
We need the space. A special discount of 10 per cent on metal designs, wax roses, cycas leaves, ruscus and cycas wreaths.
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Galvanized rose stakes. We are in a position to quote very low prices. See display adv. Niagara Cement and Concrete Co., North Tonawanda, N. Y.

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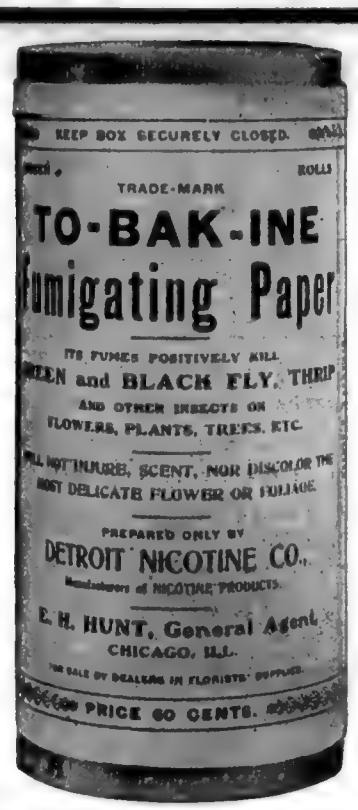
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A. F. J. BAUR says:—"For fumigating carnation houses in full crop To-Bak-Ine Fumigating Paper is the finest thing we have ever come across; no fading of blooms; no odor left."

1 BOX (12 rolls), 60c. 1 CASE (144 rolls), $6.50.

Send for our booklet "WORDS OF WISDOM" by leading Growers, containing full directions as to exterminating all greenhouse pests.

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NASHVILLE, TENN.

Death of Mrs. C. A. Birn.

Mrs. C. A. Birn, one of the oldest and best known florists of Nashville, died about 4 o'clock on the morning of September 19 at her residence, 606 Church street. Death was sudden, as she was taken ill only about an hour before the end came.

Mrs. Birn was 59 years of age, and came to this country from Germany in 1871, locating at once in Nashville. For many years she had engaged in the florists' business, and during that period had come in contact with a large number of persons and her acquaintance was very extensive. Surviving her are her husband, Mr. C. A. Birn, and two daughters, Mrs. W. B. Singleton and Miss Eda Birn.

JERSEY CITY, N. J.

Death of John Rickert.

John Rickert, the well known florist of Brown street, North Bergen, died at his home September 19 after about three months' illness. Mr. Rickert was born in Union Hill forty-three years ago and early in life started business as a florist. His establishment grew steadily until lately he had one of the most extensive businesses of the kind in the northern end of the county.

Mr. Rickert was a member of Palisade Lodge, F. and A. M.; of Garfield Council, Jr. O. U. A. M., and of the Zwiebelberger Bowling Club.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Vaughan's Seed Store submits for registration Gladiolus princeps, raised by Dr. Van Fleet; seed parent, G. cruentus; flower from five to six inches or more in diameter, sixteen to eighteen on spike; color, crimson with intense shadings in throat and broad white blotches across lower petals.

WM. J. STEWART, Sec'y.

KANSAS CITY, MO.—W. J. Barnes will add another greenhouse to his place.

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10,000 **ASPARAGUS PLUMOSUS NANUS,** strongly rooted plants from 2¼-inch pots, $20.00 per 100; $190.00 per 1000.

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800 **CARNATION PROSPERITY,** strong plants, from the field, $3.00 per 100.

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500 Asparagus Plumosus Nanus
200 SMILAX—That is Smilax

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COLORADO SPRINGS, COLO.

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600 VIOLETS—Marie Louise, field-grown, healthy stock, **$4.00 per 100.**

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In 4-inch pots, ready for a shift, to be closed out this week at $15.00 per 100; 6-inch stock at $50.00 per 100.

All sizes of BOSTONS from 2½ to 10-inch.

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The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,
Keap Street Greenhouses, **BROOKLYN, N. Y.**

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GIGANTEUM. Finest Giants, mxd., bulbs ½ inch diameter, good leaves, $2.00 per 100.

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Finest large flowering, mixed, strong plants, $3.00 per 1000.

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☞500 seeds of **"Giant Mme. Perrott"** added to every $1.00 pkt. of Giant Pansy Seed.

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Brides Maids, Perles, Gates and Ivory Roses, strong, 3-in., $4.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

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400 S. A. Nutt in 4-in. pots at $4.00 per 100. Am ready to fill orders for rooted cuttings of the following varieties:—S. A. Nutt La Favorite, A. H. Trego, Jean Viaud, Perkins, Poitevine and Ricard. Rooted Cuttings a specialty. Everything shipped prepaid.

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The only perfect Steam Trap made.
When once set up it requires no attention.
Returns condensation direct to boiler; makes no difference if boiler is above or below ground level. Nothing to get out of repair. All working parts on outside.
Before ordering elsewhere get our prices. We save you money.

PIPE—New, at lowest price. 2nd hand, ¾ to 1¼ in., 4c. ft.; 1½ to 2-in., 6c; 2½ to 3-in., 8c; 4-in., 10c.
BOILERS—2nd hand; good, serviceable standard, steam or hot water. $40.00 up.
PUMPS—2nd hand; good, serviceable, $25 00 up. Also receivers.
500 ft. of 5-inch Soil Pipe for hot water—new, for 25c ft. This is a bargain.
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GLASS—New, double or single, 50-ft. boxes. Will save you 5c to 10c a box. Best American glass.
VALVES and Fittings, Gauges, Trimo and Stillson Wrenches, new, cheaper than elsewhere. Pipe Cutters and Vises, new.
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C. Barson.

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We use your Fumigating Powder and we are never troubled with aphis; it does not harm the blooms in the least, and we find it the cheapest way to fumigate—and we have tried everything that is on the market.
Yours truly,
John H. Ramsey & Co.

Northampton Insane Hospital, Mass.
After using your Fumigating Powder I must say that in fifteen years' experience with various methods of killing aphis, I find this the most effectual and economical method I have yet tried.
Yours respectfully,
George W. Thornily.

Bayside, N. Y.
I have been using your Fumigating Powder for the last three years and find it very effective. It is cheaper than the extracts and does not shrivel the carnation as stems do. Smoking two nights in succession will kill the green fly.
Yours truly,
Wm. Bell.

We will mail at your request our booklet telling about the **FUMIGATING KIND TOBACCO POWDER.** We guarantee satisfaction or money back. A free 5-pound trial bag if you will pay the express charge on its delivery to you. **THE H. A. STOOTHOFF CO., Tobacco Powder Hobbyists, 118 West St., NEW YORK.**

Mention The Review when you write.

KALAMAZOO, MICH.

A recent visit to the various places in and around this city was one of much pleasure to the writer. Starting at the Dunkley Floral Co.'s, I found this place, as always, in fine shape. Neatness everywhere is the aim of this firm. I noticed a nice lot of mums and a bench of violets which were very promising. Then I took a trip out to S. Batson's, where carnations are a specialty, and Sam certainly has prospects for a very prosperous season. He had his whole range overhauled this summer and everything is very neat. Mr. Batson accompanied me over to the Central Michigan Nurseries, where I was met by Mr. Smith, their foreman. His carnations are very fine, also the mums and roses. The stock shows the hand of a skillful and successful grower. The nursery business is their main hold and the outlook is for a record breaking season.

G. Van Bochove & Bro. have everything in fine shape. Their carnations are very fine, especially Enchantress, Crane and Crocker. Their Beauties are certainly extra, also the teas, which are very strong and showing a fine texture in the foliage. A house of Meteors was a sight, stems thirty to thirty-six inches long. A lot of Nephrolepis Piersoni and Adiantum Croweanum were very fine. Their new foreman, W. Van Peenen, takes pleasure in showing visitors around this up-to-date place. The proprietors, G. and J. R. Van Bochove, are well pleased with the outlook for a very prosperous season.

I visited the new firm, Grofvert & De Smith, and a neater and better laid out place could hardly be found. Their houses, five in number, 13x125, Dietsch patent, are built in the best style, concrete foundations throughout. A fine salesroom and refrigerator of ample space are parts of the equipment. A brick boiler house with a seventy horsepower boiler and a shed 14x100 feet are attached to the north wall of the greenhouses. This firm will make roses and carnations a specialty and will go into the retail business gradually. Mr. Grofvert was employed at G. Van Bochove & Bro.'s and is well known here. Mr. De Smith is a contractor of this city. Mr. Grofvert is a single man as yet, but there are rumors of marriage in the near future with a young lady who calls Mr. De Smith father. Toledo.

Benton Harbor, Mich.—The Twin City Floral Co. reports its intention of going out of the florists' business this fall.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6 in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12.00 per 100, $10.00 per 100 in 500 lots; 4-in. pots, made-up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus nanus—3-inch, strong, $6.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-inch specimens, 75c.

Piersoni Ferns—5, 5½ to 6-inch, 30c, 40c to 50c.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—5½-in. pots, strong, 35c; 6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—For dishes, $1.00 per doz.

Primula Chinensis for Xmas blooming. Rupp's best strain, 4-in., $8.00 per 100.
Cash with order, please. All goods shipped at purchaser's risk.

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Wholesale Grower and Importer of Pot Plants
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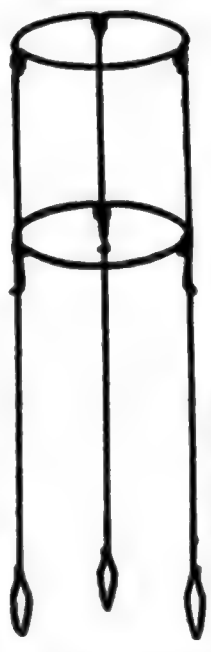
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Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.
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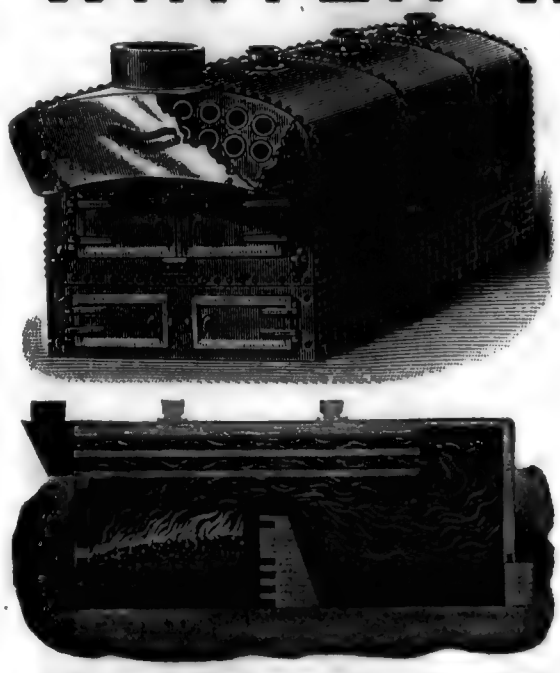
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WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable. To try them once is to use them always.

Size No. 0	3x4 x20	$2.00	per 100;	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2.00	"	19.00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
" No. 6	4x8x28	3.75	"	36.00	"
" No. 7	6x16x20	5.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67.00	"
" No. 11	3½x5x30	3.00	"	28.50	"

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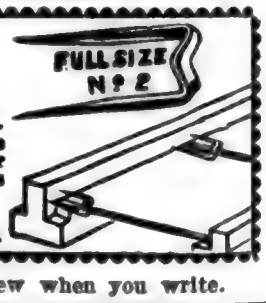
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Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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Size	Per 100	Size	Per 100
3x 4x20	$2.00	6x12x24	$5.25
3x 5x24	2.25	6x12x30	6.40
3x 7x21	2.25	5x12x36	7.00
6x 6x24	3.40	6x12x36	7.50
4x12x24	4.50	6x15x42	10.25
5x12x24	4.80	6x15x48	11.50

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It has no equals for simplicity or its working. Catalogue free.

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GROWERS ALL OVER THE COUNTRY WRITE SIMILAR LETTERS

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I have used your FUMIGATING POWDER for some years and I have always found it first-class; there is no danger of it killing anything except the green fly, which it does with dispatch. I never use anything else for insecticide, nor do I wish anything better. Yours truly,
C. Barson.

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We use your Fumigating Powder and we are never troubled with aphis; it does not harm the blooms in the least, and we find it the cheapest way to fumigate—and we have tried everything that is on the market.
Yours truly,
John H. Ramsey & Co.

Northampton Insane Hospital, Mass.
After using your Fumigating Powder I must say that in fifteen years' experience with various methods of killing aphis, I find this the most effectual and economical method I have yet tried.
Yours respectfully,
George W. Thornily.

Bayside, N. Y.
I have been using your Fumigating Powder for the last three years and find it very effective. It is cheaper than the extracts and does not shrivel the carnation as stems do. Smoking two nights in succession will kill the green fly.
Yours truly,
Wm. Bell.

We will mail at your request our booklet telling about the **FUMIGATING KIND TOBACCO POWDER.** We guarantee satisfaction or money back. A free 5-pound trial bag if you will pay the express charge on its delivery to you. **THE H. A. STOOTHOFF CO., Tobacco Powder Hobbyists, 118 West St., NEW YORK.**

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KALAMAZOO, MICH.

A recent visit to the various places in and around this city was one of much pleasure to the writer. Starting at the Dunkley Floral Co.'s, I found this place, as always, in fine shape. Neatness everywhere is the aim of this firm. I noticed a nice lot of mums and a bench of violets which were very promising. Then I took a trip out to S. Batson's, where carnations are a specialty, and Sam certainly has prospects for a very prosperous season. He had his whole range overhauled this summer and everything is very neat. Mr. Batson accompanied me over to the Central Michigan Nurseries, where I was met by Mr. Smith, their foreman. His carnations are very fine, also the mums and roses. The stock shows the hand of a skillful and successful grower. The nursery business is their main hold and the outlook is for a record breaking season.

G. Van Bochove & Bro. have everything in fine shape. Their carnations are very fine, especially Enchantress, Crane and Crocker. Their Beauties are certainly extra, also the teas, which are very strong and showing a fine texture in the foliage. A house of Meteors was a sight, stems thirty to thirty-six inches long. A lot of Nephrolepis Piersoni and Adiantum Croweanum were very fine. Their new foreman, W. Van Peenen, takes pleasure in showing visitors around this up-to-date place. The proprietors, G. and J. R. Van Bochove, are well pleased with the outlook for a very prosperous season.

I visited the new firm, Grofvert & De Smith, and a neater and better laid out place could hardly be found. Their houses, five in number, 13x125, Dietsch patent, are built in the best style, concrete foundations throughout. A fine salesroom and refrigerator of ample space are parts of the equipment. A brick boiler house with a seventy horse power boiler and a shed 14x100 feet are attached to the north wall of the greenhouses. This firm will make roses and carnations a specialty and will go into the retail business gradually. Mr. Grofvert was employed at G. Van Bochove & Bro.'s and is well known here. Mr. De Smith is a contractor of this city. Mr Grofvert is a single man as yet, but there are rumors of marriage in the near future with a young lady who calls Mr. De Smith father. Toledo.

Benton Harbor, Mich. The Twin City Floral Co. reports its intention of going out of the florists' business this fall.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6 in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4 000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12 00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1 00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1 50 each.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 4-inch pots, 25c; 5 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus nanus—3-inch, strong, $6 00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-inch specimens, 75c.

Piersoni Ferns—5, 5½ to 6-inch, 30c, 40c to 50c.

Areca Lutescens—Made-up plants, large, 5-in pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in high, 3 in a pot, 75c.

Latania Borbonica—5½-in. pots, strong, 35c; 6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—For dishes, $1 00 per doz.

Primula Chinensis for Xmas blooming. Rupp's best strain, 4-in., $8 00 per 100
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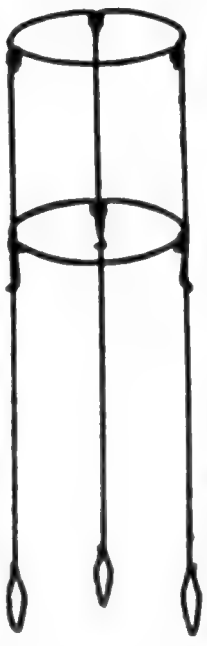
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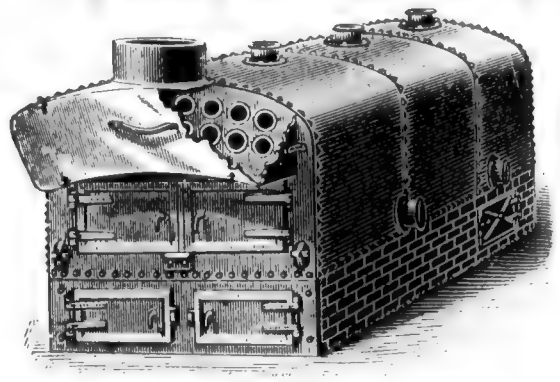
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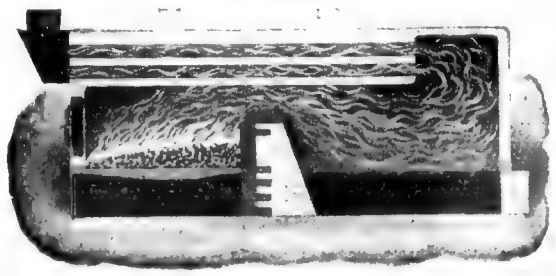
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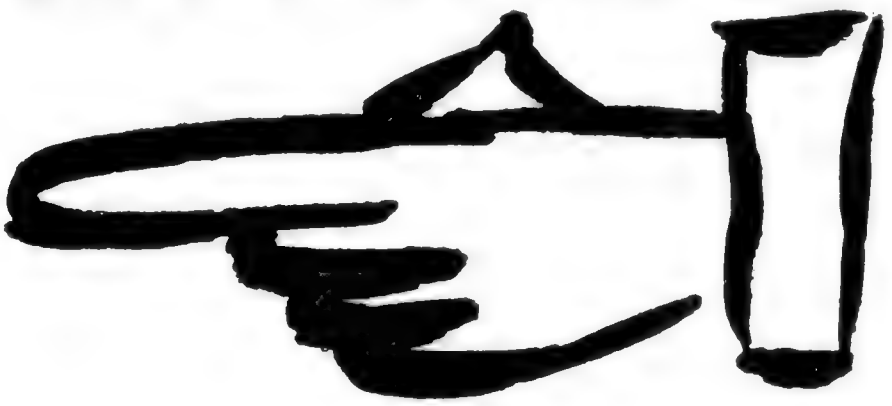
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The best, strongest and neatest folding cut flower box ever made. **Cheap, durable.** To try them once is to use them always.

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"	No. 1....3x4½x16..	1.90	"	17.50	"
"	No. 2....3x6x18....	2.00	"	19.00	"
"	No. 3 ...4x8x18....	2.50	"	23.00	"
"	No 4....3x5x24....	2.75	"	26.00	"
"	No. 5....4x8x22....	3.00	"	28.50	"
"	No. 6....4x8x28....	3.75	"	36.00	"
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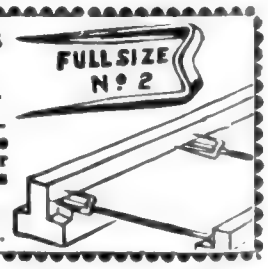
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Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

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3x 5x24...	2.25	6x12x30...	6.40
3x 7x21...	2.25	5x12x36...	7.00
6x 6x24...	3.40	6x12x36...	7.50
4x12x24...	4.50	6x15x42...	10.25
5x12x24...	4.80	6x15x48...	11.50

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It has no equals for simplicity or its working. Catalogue free

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NEWPORT, R. I.

The most successful exhibition ever held by the Newport Horticultural Society took place September 20 to 22 in Masonic hall. Owing to the recent severe storm, the display of dahlias was not as large as it would otherwise have been, but everyone here had this season grown dahlias for this show in such quantities that what were exhibited made a good average showing. On the last evening the center of the hall was cleared at 9 o'clock, and from then until the orchestra played "America" at midnight, dancing was thoroughly enjoyed by the largest number of members and their friends we have ever had at an exhibition.

The principal exhibitors and prize winners were: A. S. Meikle, gardener to W. S. Wells; Colin Robertson, gardener to Mrs. Robert Goelet; David McIntosh, gardener to Mrs. C. M. Bell; James Robertson, gardener to Mrs. T. O. Richardson; Samuel Matson, gardener to Mrs. W. H. Osgood; Charles D. Stark, gardener to Mrs. Geo. W. Collard; John Marshall, gardener to Perry Belmont; A. J. Pow, gardener to Mrs. Cornelius Vanderbilt; James Boyd, gardener to Mrs. Wm. Astor; Gibson Bros., John Mahan, gardener to H. D. Auchincloss; Oscar Schultz, Joseph Gibson, gardener to James Stillman; Alex. Anderson, gardener to Mrs. T. J. Emery; Miss Fadden, J. T. Allan, gardener to J. R. Drexel; Samuel Williams, assistant gardener to Perry Belmont; John Bluck, H. P. Burt, Taunton, Mass.; F. B. Connolly, Mrs. T. O. Richardson, W. G. Postings, gardener to Mrs. Winthrop Chandler; Andrew Christensen, gardener to Miss Fannie Foster; W. S. Wells, M. B. Faxon, J. C. Matley, gardener to J. G. Bennett; C. D. Stark, Jr., S. Speers, gardener to Mrs. W. B. Greene; Jas. Gartley, gardener to H. H. Rogers, and others.

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The tightest joints with the least trouble, for water, steam and gas piping and all threaded connections.

Saves time, trouble, delays, broken tools, leaks and break downs.

Booklet and free sample on request.

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2	feet long.....$3.40	3½	feet long.....$6.15	5	feet long.....$8.70
2½	feet long..... 4.40	4	feet long..... 7.00	5½	feet long..... 9.60
3	feet long..... 5.25	4½	feet long..... 7.85	6	feet long.....10.20

If building, let us send you our catalogue of Cement Benches, Blocks, Side Slabs for Solid Beds, Gutter Cement Posts, etc. Let us book your orders for future delivery.

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Composition Posts, (Patent applied for.) 12c per foot.

Composition Gutters, (Patented.) 35c per foot.

Freight paid where it does not exceed 30c per 100 lbs.

THEY ARE INDESTRUCTIBLE.
THEY WILL NOT ROT OR RUST.
YOU CAN DRIVE NAILS IN THEM.

These Posts and Gutters combine all the good qualities of iron and wood.

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VENTILATING APPARATUS
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BOILERS Second-hand greenhouse boilers, guaranteed. Send for prices, stating size wanted.

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PIPE New 2-in. full lengths, with coupling, 8¾ cts. a foot. Good serviceable second-hand, 2-in., 6¼ cts.; 1½-in. 5¾ cts.; 1¼-in., 3¾ cts.; 1-in., 3 cts.; ¾-in., 2¼ cts. New and old fittings and valves.

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STILLSON WRENCHES New. 18-in., gripe ¼-in.-2-in. pipe, $1.65; 24-in., gripe 1¼-in.-2½-in. pipe, $2.40; 36-in., gripe ½-in.-3½-in. pipe, $4.75.

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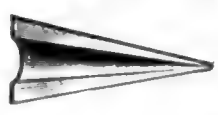
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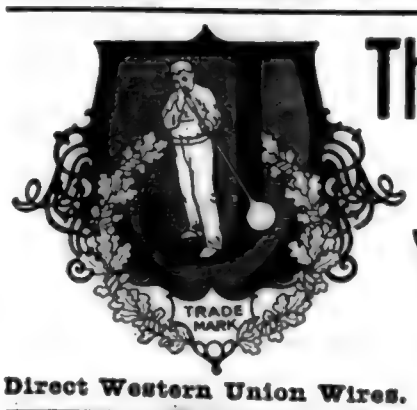
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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

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I would rather lose a good meal than miss an issue of the Review.—R. J. Grinnell, Newport, R. I.

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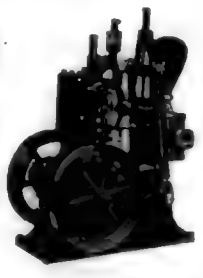
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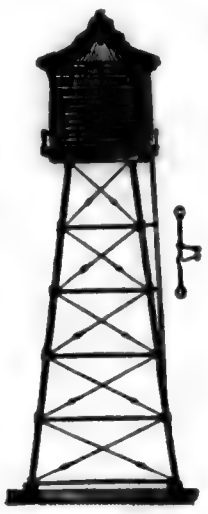
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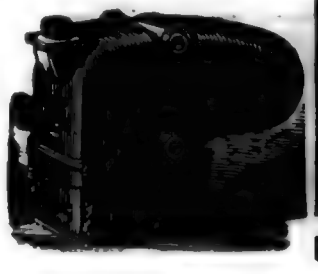
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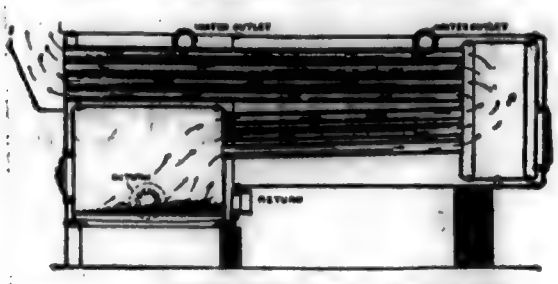
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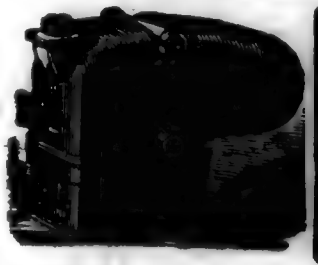
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Local and Long Distance Telephone, 118 A Summit.

Summit, N. J., Aug 26 1904

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Irvington on Hudson N.Y.

Dear Sirs.

Replying to your favor of the 22nd inst. asking us our opinion of your Boilers, we are pleased to state that the Burnham Sectional Boilers have as per filled the bill beyond our expectation.

The quickness of Circulation is admirable and we find them very economical in regard to fuel besides being very easy to clean and easy to run, the latter we proved last winter when, owing to the Coal famine we had to burn soft Coal when contrary to our expectations we had very little trouble

Yours truly,
Lager & Hurrell

Write to-day to our New York Office for our Greenhouse Heating and Ventilating Catalogue, enclosing five cents for postage, also sending same amount of postage for our Greenhouse Construction Catalogue.

LORD & BURNHAM CO.

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-538 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, OCTOBER 6, 1904. No. 358

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75c a hundred; $6.00 a thousand.
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Harlowarden, extra large, 4c.
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Large Clumps ..... 7 years old.
Best Varieties.

Also Single Peonies
To force in pots for Xmas. MONEY MAKERS.

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2 years old, for forcing.

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Ready January 1st.
$7.00 per 100; $60.00 per 1000.
GET EARLY DELIVERY.

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The 1st of October

Found many Florists completely sold out of Geraniums this year; for the benefit of such, we offer **500 Geraniums in elegant young stock in 20 best sorts for $10.00.**

DWARF SALVIAS, which are immensely popular, **4 early-flowering varieties,** at $3.00 per 100.

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JAPAN LILIES, etc.

COMPLETE ASSORTMENT READY NOW.

Season for packing **Sphagnum Moss** closes October 15th. Put in your advance order for FRESH, CLEAN MOSS NOW.

HOLLY, GREEN, CHRISTMAS TREES.

Special attractive prices on early orders.

BETTER TRY US.

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We now prove that we are IT by offering you THE FINEST AND MOST COMPLETE STOCK OF FRESH

Immortelles, Immortelle Wreaths

—and MOSS WREATHS ever brought into this country

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PRICES HOLD GOOD WHILE STOCK IS UNSOLD.

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Roman Hyacinths, 12x15	$24.00
Dutch Hyacinths, mammoth, to name	65.00
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Narcissus Von Sion, double nose. The Champion	18.00
Narcissus Von Sion, single, mammoth	15.00
Freesia Refracta Alba, mammoth	7.50

Prices on all other bulbs — **Tulips, Azaleas, Rhododendrons, Roses, Spiraeas, etc**, given by writing to

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Bale of 300 lbs., **$1.50.**

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One of the finest Cattleyas—very floriferous—easily cultivated—flowers rosy with slightly yellow-tinged tip. Plants we offer are very strong, 10 to 15 inches high, with 10 to 12 leads.

Each, $1.50; dozen, $15.00; 25 to 100, $1.00 each.

BULBS—NARCISSUS

Paper White True Grandiflora, 1400 to case, 13 cms. up. French stock, not the **cheap Italian.** 100, $1.00; 1000, $8.75; case 1400, $12.00.

	100	1000
Von Sion, mammoth double nose	$2.00	$19.00
Von Sion, very large, select	1.50	13.00
Von Sion, good flowering, strong bulbs	1.25	10.00

HYACINTHS.

White Roman, 11x13	2.50	23.00
White Roman, 12x15	2.75	25.00
Dutch, finest named, first size	6.50	60.00
Dutch, " " second size	5.00	45.00
Dutch, fancy grade, 17 cms., separate colors	3.50	33.00
Dutch, 15 cms., separate colors	2.75	25.00

TULIPS. All sorts. Send for list.

CALLA ETHIOPICA.	100	1000
3x5 inches circumference	$3.00	$25.00
4x6 " "	5.00	45.00
5x7 " "	7.50	70.00

All have sound, fine center shoots.

GLADIOLI COLVILLEI ALBA. (The Bride.) Indispensable to every florist.
Pure white, strong bulbs, 100, 70c; 1000, $6.00
Rosy red, strong bulbs 100, 65c; 1000, 5.50

CYCLAMEN PERSICUM GIGANTEUM in all colors, bulbs 1½ to 3 inches, superb, per doz., $1.00; 100, $7.00.

GERMAN IRIS.

Are splendid for forcing or outdoors. Named choicest sorts (Send for list), doz., 75c; 100, $5.00 All sorts, mixed in the most brilliant colors, doz., 40c; 100, $3.00.

SPANISH IRIS.

Named sorts or to color, separate, white, blue, yellow, purple, doz., 40c; 100, $3.50. Mixed, all colors, doz., 30c; 100, $2.00.

FREESIA REFRACTA ALBA.

We offer to close out a surplus stock. French and California stock.

⅜—½ 100, 30c; 1000, $2.75; 5000, $12.50
½—⅝ 100, 50c; 1000, 4.50; 5000, 20.00

OXALIS Grande Duchesse, Giant Flowers, white or rose, or lavender ..... 100, 75c; 1000, $6.00; 5000, $25.00.

LILIES.

Harrisii, latest dug stock. **SEMPER IDEM BRAND.** Unexcelled. Special Clearance Offer for Season.

5x7.....	per case of 400,	$10.00;	100, $3.00
6x7.....	" " 300,	10.00;	100, 4.00
7x9.....	" " 200,	12.00;	100, 6.50

LILIUM CANDIDUM.

18—22 cms.....100. $4.50; 1000, $40.00

CHINESE SACRED LILIES.

Per basket, 30 bulbs.....$1.50
Per mat of 4 baskets, 120 bulbs 4.50

LILIUM LONGIFLORUM—JAPAN.

7x9-inch, extra fine stock, 100, $4.00; 1000, $35.00
9x10-inch..... " 7.50; " 70.00

NOTE—All bulbs are 20 at 100 rate; 200 at 1000 rate.

FERNS for Fern Dishes, from 2¼-inch pots.
FINEST ASSORTMENT 100, $3.00; 1000, $25.00
FERNS from Flats, grand assortment 100, 1.50; 1000, 12.00
Send for our Price List. We can save you from 5 to 10 per cent.

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WHEAT SHEAVES,
Wicker Pot Covers, Plant Stands.

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SEASONABLE ADMONITIONS.

Forcing the Blooms.

There is a great temptation just now to rush the flowers along by turning on the heat, because the market is waiting and the demand good. To those who are trying this forcing process I would say, don't. In the first place it is practically impossible to force a chrysanthemum and the flower will develop more quickly in a temperature of 50 degrees than in a temperature of 70 degrees. The sunlight is the only thing that will push the flowers open. Given a touch of frost at night and bright, crisp days, we can run just a crack of heat in the mum house and furnish ideal conditions for the rapid development of the flowers, without any high temperature.

Another reason why I say don't force is because a high temperature is very favorable to the increase of red spider and black and green fly and since one cannot syringe to any extent any more, their presence at this time means a loss of flowers. Fire heat also makes the flowers very soft and liable to be easily bruised, a very undesirable condition when shipping to market.

Red Spider.

If red spider is present in any quantity now you will see it in the bud, and it may be necessary to do some spraying to clean it out. I have several times seen flowers completely spoiled by spider and the grower did not have the faintest idea what had happened to them until too late to remedy the trouble.

Black Fly.

If the flowers are too far open to permit any more fumigating and black fly is present, tie a small piece of aphis punk close up under the flower. The nicotine will clean out every fly in short order if the punk is fresh and that, too, without the least injury to the flower.

Mildew.

Mildew is worse than for some time past. If you have a steam pipe, a little sulphur will remedy that trouble by painting it on the pipe, or the plants may be sprayed with the sulphide of potassium, using it in the proportion of one ounce to a gallon of water.

Feeding.

Feeding should be stopped on any variety as it shows color.

Several people have spoken to me about their plants of Duckham cracking at the neck, just under the bud. In some cases this trouble has been so pronounced that the plant has literally beheaded itself and pushed the bud completely off. Duckham is a very strong grower and, in common with other kinds of a like vigorous constitution, does not need nearly so much feeding as more delicate kinds. If your plants of Duckham are cracking at the neck stop feeding and keep well on the dry side. It must be remembered that growth in the plant has now stopped and all the sap is pumping directly into the bud and feeding calls for the use of discretion. Even an excessive supply of water on a warm day may cause the stem to crack when a plant has such a rooting system as some of the present-day kinds show. Duckham will, as a matter of fact, develop two flowers to a plant just as well as one.

Petals Damping.

If the petals are damping as the flower opens, give a good coat of shading all over the roof of white wash or whiting or mud, anything to break the rays of the sun. It is all very well to talk about sun-proof crimsons, but as a matter of fact we find that almost any variety will burn when we get, as we often do, a bright, cloudless day with the temperature running into the eighties. The mum is a cool growing plant and the high temperatures we get in October are distinctly inimical to the best development of the flower. But we must make the best of our disadvantages. Do not be afraid to shade, and shade heavily, if conditions require it, not only for the crimsons and pinks but for every kind.

Merstham Yellow.

This variety, spoken of last week, was exhibited before the C. S. A. committee October 1 and scored ninety points as an early yellow. It was very fine and a prominent wholesaler remarked in my hearing that he could sell 500 flowers that day at 50 cents each if he could only get them. Next year we will see if he can make good his statement.

BRIAN BORU.

CHRYSANTHEMUM SOCIETY.

The Chrysanthemum Society of America has arranged for the following special prizes to be competed for at the exhibition which opens at Boston November 3:

W. Wells & Co., Earlswood, Surrey, England, offer gold, silver-gilt, and silver medals, three prizes, for six blooms of any of the Wells-Pocket set of 1903, not less than two varieties to be shown. Varieties eligible to compete are: W. Duckham, Maynell, S. T. Wright, Harrison Dick, Leila Filkins, F. A. Cobbold, Donald McLeod, Mrs. T. Longley, Mrs. R. Hunt, Mary Inglis, Hester Edwards, Pantia Ralli, Cheltonii. (He makes this offer through Mr. Wm. Duckham.)

Chas. H. Totty offers $25, $15 and $10 for a vase of twelve flowers of Chrysanthemum W. Duckham.

A. Herrington offers $6 and $4 for a vase of six blooms of any chrysanthemum.

C. S. A. offers three prizes, $25, $15 and $10, for twenty-four blooms in twenty-four varieties, on 15-inch stems.

The E. G. Hill Co. offers a silver vase, to be known as The E. G. Hill Trophy, value $25, open to private gardeners only, twenty blooms in twenty varieties, one bloom to a vase.

Nathan Smith & Son offer $25 for best twelve white chrysanthemums, American or foreign origin, disseminated in 1904. To be judged from a commercial standpoint, stems not less than thirty inches long, open to private gardeners only.

The C. S. A. offers the C. S. A. silver cup, value $20, for best ten blooms of any chrysanthemum, one variety.

MISCELLANEOUS SEASONABLE HINTS.

Sweet Alyssum.

Don't forget to plant, along the edge of a carnation bed, some plants of the double sweet alyssum. This pretty little flower is very useful at all times. It gives lightness and relief in designs where flowers of too uniform a size are used. Don't over do it. A plant every three or four feet, close to the edge of the bed, will do no harm. I never noticed that the carnation plant nearest the sweet alyssum was less vigorous than one in the middle of the bed.

To Get Good Fuchsias.

We don't see fuchsias grown as well nowadays as they were some thirty years ago, and we see an attempt at growing them very near home that are complete rubbish. They are not a success as a flower-garden plant; our warm summers are not what suits them. Yet there is a large sale for them in the spring for window plants. The failure to grow strong, healthy plants is because at the end of the selling season a few late-propagated runts are carried along, most likely indoors. The wood is never ripened and never will give strong cuttings. If you did as you should and saved a plant or two of each variety from the largest and strongest plants you had early last spring and plunged them outdoors during summer, they will now be ripening.

Don't be afraid of a few degrees of frost. It will kill the leaves but won't hurt the wood. Then bring them in and lay them down beneath a bench in your coolest house, where they need no attention for two months. That's their resting time. Early in December if you want large, early plants, get them up, shake off the old soil, cut back the weak growth and start growing and you will get strong cuttings that will make vigorous plants.

Plants raised from these ripened, dormant fuchsias will want to grow and not flower so precociously as does the weak little stuff struck from a plant that had no rest. The writer can look back on the days when we grew fuchsias thirty inches high and two feet wide at the base, full of flowers in the month of April, and sold them for $3 each, retail. And a fuchsia is still a fuchsia.

Carnations in Pots.

There is always a call in the spring for carnations in pots. Our customers want them for their gardens. The business man who can pick a carnation out of his own garden and walk down the street adorned, thinks the flower quite as large and twice as beautiful as one he buys of the florist. Thousands of plants could be sold for a good price in every city if they could be had. Perhaps it should have been done two weeks ago, but it is not yet too late. Lift plants from the field that you considered too small to bench. Pot into 5-inch pots and plunge in a sound cold-frame. Of course you will cover with glass and shade for a week or two and after that, if the weather is favorable, remove the sash whenever you can, because you want them to go through the winter in this frame. Double sash is a great protection in cold weather. You need not lose ten per cent of them and they make early and very satisfactory flowering plants for the garden if planted out about the middle of May.

Another plan to fill this want is to root some cuttings at once, and carnations root quickly and surely now. Grow them on all winter and you can by May have plants in 3½-inch or 4-inch pots with several shoots. These may flower longer in the garden than the old plants wintered over, but they will not please your customer as well, as he or she does not want to wait until August for flowers. Besides they have cost you coal and labor, more than the cold-frame plants.

A Retrospect.

While dipping into another man's department I must again be slightly reminiscent. Where are the carnations in pots, in bud and bloom, that we used to grow and sell in January and on to spring? It seems to me they could be easily grown for Christmas; not in pots all summer, never, not with the greatest of care. They must be lifted from the field. We have lifted them as late as the middle of October and had them in fine shape by February. Of course, you could get some flowers long before that, but for a pot plant you want a big show of bloom at one time. Please excuse me, but in the days when we dug up, potted, watered and tied our plants with our own hands, we have sold at $25 per 100, La Purite carnation plants in 6-inch pots with sixty to seventy open flowers and buds. I think that was the winter after the panic of '73. Nevertheless it's a fact. It's true that La Purite, carmine, and Edwardsii and President Degraw were very free-flowering kinds and had no such length of stem as our present varieties, yet it strongly appeals to me that we have varieties just as suitable for pot culture as those old pioneers. Lawson would be grand for the purpose and so would Estelle and Galcier, and there may be many of the splendid new varieties that would make a good compact plant.

John Thorpe, at Indianapolis, suggested that a prize should be offered for pot plants. Nothing came of it. Can you think of anything that would sell much better than a well-flowered carnation plant? There is nothing to it but to try by stopping early flowering stems to get a full crop of flowers at one time.

Propagating Summer Roses.

This is an excellent time to put into the sand a big batch of Maman Cochet, President Carnot, Kaiserin, Etoile de Lyon or any of this class of summer-flowering roses. As is well known, Cochet, pink and white, is queen of them all, because it grows and flowers so splendidly all summer long, and now, when the cool nights are here, it is giving us grand flowers. They root easily in the sand, with or without any fire heat, but by the time you pot them off you will have fires going and a warm bench should be given them until they have made roots. After that they will winter in any cool house.

Put in a lot, especially of Cochet, for your own use. Plant them out in spring in beds where they can be given copious watering and you will have fine rose buds when those in the house are thrown out. Kaiserin Augusta Victoria (what a name) is, we think, indispensable for summer cutting under glass and a bed in a foot of soil will last for years. If you have to make a new bed, these fall-struck cuttings, grown on cool, are just the thing.

Cyclamen.

Cyclamen, whether grown in frames or indoors all summer, should now be in their flowering pots and on the bench where they are to bloom. No sun will hurt them now. Never let them be neglected for water. Give them plenty of space between plants. On bright mornings spray them and let there be lots of tobacco stems between the pots.

William Scott.



ROSES

LIQUID MANURE.

As the bushes increase in strength and crops approach maturity, the nutriment in the soil will be more or less exhausted and some provision should be made to supply the deficient elements. As plant food must be reduced to an assimilable state before absorption can take place, the easiest and quickest method is to convert it into a liquid. The best and safest material for this purpose is fresh cow manure, which contains nearly all the elements of plant food in their proper proportions, and few of the caustic principles so prevalent in chemical preparations, which are so detrimental to roses under glass.

The proper preparation of this material is a very simple process, the apparatus required for the preparation and distribution being simple, inexpensive and easily erected. A tank of sufficient capacity to hold at least as much water as would be required for one application should be constructed and placed convenient to the pump and connected with the water pipes, so that it can be used as a reservoir to distribute from. A smaller tank to be used as a mixer should be built on a higher level, so that the contents can be drained through a screen into the lower tank. The smaller tank should be filled with manure and sufficient water added to start fermentation. After fermentation the liquid should be drained into the reservoir and sufficient water added to reduce it to the strength required.

The first applications should be rather weak, till the plants get accustomed to this class of food, when the strength can be increased to meet the requirements of the plants.

The greatest benefit is derived from this method of feeding if care is taken to apply it only during bright weather and when the crops are at the right stage to use it with effect.

There is great danger of sickening the plants if applied when the soil in the bench is too dry and, of course, common sense will teach us not to saturate the soil by using it when the soil is too wet. If plants are sickly or in a weak growing condition they are in no condition to derive benefit from this form of feeding; in fact, it is the means of aggravating the trouble.

Sheep, pigeon and chicken manure, being of a more concentrated nature, require the exercise of greater caution when used for this purpose. Nitrates and chemical preparations are only safe in the hands of experts and any experiments with these should, as a matter of safety, be limited to a small area. Watchfulness, careful observation and a close study of the attending conditions are absolutely essential to the safe and beneficial use of these compounds.

Ribes.

APPLYING SULPHUR.

Will you inform me of the safest, surest and cheapest method to apply sulphur for mildew on roses, in houses heated by hot water? J. V. L.

Take two parts sulphur and one part

finely screened air-slaked lime and add as much water as will bring it to the consistency of thick paint. Mix well and apply to the pipes with a brush at spaces a yard or so apart. Close the ventilators tightly for a couple of hours during the coldest part of the night, when the pipes are hottest. When the pipes exceed 90 degrees temperature sufficient fumes will be released to effect the purpose. This ought to be repeated at least once a week till the pest disappears. RIBES.

ETOILE DE FRANCE.

The popularity which has come to Mme. Chatenay is having an appreciable effect in the interest taken in the new French rose, Etoile de France, which is to be distributed this fall by J. Pernet-Ducher. It is a seedling of Chatenay and Fisher Holmes, a fine red in color and said to be a very free bloomer and easy to handle under glass. As the idiosyncracies of Liberty have not yet become generally mastered, many American rose growers hope to find in this new candidate a successful rival of that variety and one which all can grow. The accompanying illustration is from a photograph supplied by the originator.



The New Red Forcing Rose, Etoile de France.

WITH BOSTON GROWERS.

Waban Rose Conservatories, Natick, Mass.

The largest producers of the queen of flowers in New England are the Waban Rose Conservatories in South Natick, Mass., and it is needless to add that if the quantity is great, the quality is of the highest. The Boston market is a critical one; it demands high grade flowers and the growers who produce such are the most prosperous. The quality of roses raised at the Waban factory is second to none in America. This is not at all surprising, seeing that the manager for many years of this big plant is Alexander Montgomery, the highly respected president of the American Rose Society, a genial, unassuming man, but without a peer as a rose grower on this continent.

While the latter part of September is hardly so interesting a time to visit this establishment as later in the season, when the quality of rose blooms is higher, there is plenty to profitably occupy one's attention at any season of the year. We were very favorably impressed with the latest and largest house erected. This is an even span, 40x700, twenty-four feet to the ridge. It contains 13,000 plants of American Beauty, all in superb health. After visiting numerous other houses of varying dimensions we had to confess that the big Beauty house was our favorite. The temperature was very even and the ridge sufficiently high to cast no shade. We asked Mr. Montgomery if they had any trouble in maintaining a proper temperature during the late severe winter. He stated that on visiting the house after midnight on the coldest night of the winter, with an outside temperature of 30 degrees below zero, four thermometers in the house gave the same reading; viz., 59 degrees. At six feet from the ridge there was not even a difference of half a degree, which would seem to explode a popular fallacy about houses being made warmer nearer the ridge. On the coldest nights eighteen lines of steam pipes were used. In each of two nearby houses 20x700 it was necessary to use twelve lines of pipe to maintain a night temperature of 56 degrees. In addition to the saving in fuel, the larger house contains 7,000 less square feet of glass surface which makes it evident that large houses are more economical to build and maintain than an equal area in smaller ones.

The other two 700-foot houses are planted with Brides and Bridesmaids. Of these 50,000 are grown. Both in these houses and in a number of others they were in first-class condition. Mrs. Pierpont Morgan fills many of the front benches in the various houses. Plants seven years old were just as vigorous as younger ones. A smaller stock of Mrs. Oliver Ames is grown. Liberty fills several houses and in its color is considered far the best, always selling well. One house is devoted to Golden Gate and Ivory. Mr. Montgomery stated that there was a very limited sale for these in the Boston market. A house 300 feet in length is planted with a Waban seedling, in the way of La Detroit, but thought to be a better thing, for a small portion of a bench containing La Detroit was far outclassed by the new seedling, which is not yet named. It sells well in the Boston market, will be shown at the coming chrysanthemum show and will be introduced if the public demands it.

A number of the oldest houses are planted with Kaiserin and Carnot, which were yielding a magnificent cut of bloom. What a contrast between these houses, which were the finest in their day and the modern giants near by!

Mr. Montgomery, Jr., has a good many seedling roses under trial of his own raising. He is just as keen a rosarian as his father, so the future of the Waban greenhouses seems to be assured.

While roses are the principal feature here, one or two other crops are grown. Asparagus plumosus nanus fills two large houses and looks particularly well. Chrysanthemums are still grown to some extent, about 7,000 single stems being planted this season. These are not to be confounded with the average florist's stock, but are carrying stems like walking sticks, with heavy, leathery foliage and buds denoting some mammoth blooms later. Flowers from Waban always command the highest prices in Boston and for many years swept the decks at the exhibitions. We doubt not but that they will be to the fore at the coming meeting of the C. S. A. Some of the popular varieties grown here are Duckham, Appleton, Shrimpton, Eaton, Bonnaffon, Maud Dean, Merza and Mrs. Jerome Jones. The last named is considered the best money-maker of the lot. In regard to Merza, Mr. Montgomery stated that it should be cut, the bottom of the stems split and kept in cold water at least forty-eight hours before shipping and there would then be no complaint about its not keeping well.

One house is devoted to lily of the valley. Of this 600,000 are annually forced. A model cold storage house holds that number of pips, a uniform temperature of 24 degrees being maintained. It can be kept much cooler if necessary, 13 degrees below zero having been secured on a trial test.

The annual consumption of coal for the Waban plant of some 300,000 feet of glass is about 2,000 tons. This season, instead of using soft coal exclusively, additional strong draughts have proved that a mixture of five-sixths pea coal and one-sixth soft coal gives very gratifying

results. So hot is the fire from this fuel that it has been necessary to lengthen the pokers for the firemen. The heating qualities are so satisfactory that it will not be necessary to use so many boilers as a year ago. The capacity of the steam boilers varies from 100 to 175 horse-power. The boiler-room is a model of neatness, as, indeed, is every part of this establishment and a tour of inspection under the genial guidance of Mr. Montgomery is as pleasurable as it is profitable. W. N. Craig.

HAIL IN NEBRASKA.

The accompanying illustration shows a part of the establishment of Brewster & Williams, Grand Island, Neb., as it looked just after a heavy hail storm had passed over their place a few weeks ago. Not only did they lose over 5,000 square feet of glass but the plants were badly cut up, both those in the field and in the benches. The glass was insured with the Florists' Hail Association. Not only has the broken glass been replaced, but 1,400 feet of new glass has been added and the stock is coming on in fine shape.

Jacksonville, Fla.—Mrs. K. C. Houlance is building a new store and office adjoining her greenhouses at Sixth and Main streets. The structure is 20x33 feet, with handsome show windows.

CARNATIONS

HOW "CROPS" OCCUR.

I am a beginner with carnations and am watching the notes in the Review very closely. I hope you will find space in the near future to tell us young hopefuls about the number of joints we must leave when picking the carnation blooms. What influence has this on the size of the bloom following? How many shoots should an average carnation plant have now and later? Now please do not tell us, as so many advisers do, that "it depends." We know "it depends," but we want to know on what these things depend. J. M. K.

I fear I cannot answer the questions you ask without saying that "it depends," perhaps several times before I finish. But I will endeavor to tell you what depends and upon what it depends, so that you will not be left in the dark.

The number of shoots an average carnation plant should have at this date, to be profitable, must necessarily depend on the variety more than anything else. For instance, a variety which crops into bloom about the middle of November and again about April must necessarily have more shoots now than a variety that will break away as soon as the bloom is cut and keep on throwing up blooming shoots right along. Varieties like White Cloud, Lorna, Governor Wolcott, Floriana, Mrs. Nelson, America, Mrs. Palmer and many others, should now have at least twelve to fifteen blooming shoots ready to run up to bud, while such varieties as Harlowarden, Moonlight, Indianapolis, Mrs. Lawson, and a few others will be profitable if they have eight or ten blooming shoots running up now. Of course some of the plants will have more, but others may have less.

There are many varieties which you must have good large plants to start with if you want to get much out of them during early winter, because they will make one crop (in quantity according to the size of the plants), and then take until spring before coming into crop again. If you can have fifteen good, strong leads to the plant ready to start up now, or a couple of weeks earlier, you will stand a good chance of having a fine crop for Christmas and after that crop will pay you well for the bench-room. But unless you can manage to get a big crop you will find those varieties less profitable than the varieties which branch freely and keep coming all the time.

Of this later kind, if you can get six good blooms to the plant before January 1, you will stand a good chance of coming out ahead. You ought to get at least three times as many blooms from January 1 to July 1 as you have up to the first of the year and on an average they will bring as much per bloom.

Not long ago I read an article from a well-known carnation grower in which he spoke of getting fifteen blooms per plant before January 1. If he can do that he ought to make money, as that would mean at least forty-five blooms per plant from most varieties and figuring the blooms at 2 cents, that would make 90 cents per plant, to say nothing of the cuttings. Another firm a year or two ago praised a variety they possessed because it had produced three blooms per plant up to December 1. I consider the latter a very fair average. A variety which will produce that many blooms per plant by December 1 and be in good shape to continue blooming steadily ought to be profitable if the blooms are of good quality.

Those who are growing the variety Indianapolis will notice that long before the bud is ready to open, several shoots are growing at the base of the stem and, as soon as the bloom is cut, these shoots run up to bud and before all the buds of the first crop have opened these shoots are showing the buds, in that way keeping up a succession of bloom through the entire season. Mrs. Lawson does the same thing, only not so pronounced and the breaks are higher up on the stem unless these are removed in order to encourage the lower ones to start.

Some other varieties will not show a sign of a break until the bloom is cut. As there is a heavy crop of buds growing, they take up all the strength the plant has and the young breaks come very slowly until the crop is off and then a whole new crop starts to grow at once. Until these shoots run up to flower there are no blooms to speak of. Some growers say that you can overcome this by topping back part of the shoots as the crop runs up, but you will find that it is seldom very successful and I doubt if the sacrificing of four or five blooms to the plant out of this winter crop is not greater than what is gained by it on such varieties.

No iron-clad rule can be laid down as to how many shoots should be allowed to remain when the bloom is cut. One variety may start only two good shoots while another may start four and the four will make just as strong growth and as large blooms as the first named two. It is the difference in varieties. When disbudding varieties which start the shoots early you should take off all the young shoots down to where they are strong and the stem is heavy and strong. Try to keep the plant as compact as you can. When cutting blooms from varieties which do not break so readily bear the same thing in mind and cut the stem down to where the shoots will be strong.

I do not think that the number of shoots a plant has will have much effect on the quality of the blooms as long as the shoots start from good strong stems. A plant which is strong and sturdy will nourish to perfection all the shoots that



Houses of Brewster & Williams, Grand Island, Neb., after a Hail Storm.

can start from the main body of the plant and are in position to draw their strength through the main channels, providing, of course, that the plant is well established and the roots are in good working condition and well fed.

A. F. J. Baur.

JOOST AND QUEEN LOUISE.

I enclose some foliage from my Joost and Queen Louise carnations. They were housed from the field July 25 in apparently good condition. Just previous to benching I shaded the glass with whitewash, which I scrubbed off about three weeks later. Do you think I shaded too heavily? I noticed some rust and have given three applications of blue stone through a syringe, diluted to one one-thousandth. Can you tell the trouble with these plants and the remedy? J. P. K.

There is nothing to be alarmed about. Perhaps you left your shade too dense for a few days longer than was advisable, but I am inclined to think that you watered a little too liberally before they had the full sun and before the roots were in good working order. Mrs. Joost is one of the quickest varieties to show it in this way; in fact, it is inclined to make this kind of growth after any kind of a severe check unless they are handled carefully after the check occurs. The Queen Louise seems to be affected less, but in the same way. Keep them a little on the dry side and give all the air and sunshine you can and you will find the trouble will disappear in a short time.

A. F. J. Baur.



E. J. Vawter.

E. J. Vawter.

MAKING LIQUID MANURE.

This is the time of year that liquid manure begins to be something of a problem to chrysanthemum growers and later on the rose growers will be concerned with the question of making and properly applying liquid stimulant. Therefore I think many growers will be interested in the system we have in use on our place and which we find to be the best of which we know. Nothing is, to my mind, more unsightly than to come into an otherwise well-kept greenhouse and see several barrels of liquid manure standing at the ends of the walks. There is almost sure to be some leakage and anyway more or less odor, which is very bad business for one who sells his product at the greenhouses and therefore has numerous lady visitors. But to cut this rather lengthy introduction short and get down to business:

At the rear end of our range of eight houses we dug a pit ten feet long, six feet wide and eight feet deep. Right beside this, or rather at one end and connected with it, we dug another pit eight feet long and six feet wide, but only four feet deep. We bricked up both pits and finished the walls and bottoms with the best Portland cement. At the same time we built a brick wall nine inches thick, up to the ground level to divide the shallow pit from the deep one. At the bottom of the smaller pit, and communicating with the large one, four holes each four inches square were left. These were covered with wire cloth, the heavy kind that is used for coal screens. The water pipe from the greenhouse was run out over the small pit. By putting a wagon load of good cow manure in the small pit and turning on the water we soon had a fine article of liquid fertilizer in the deeper pit, free from all straw, etc.

I then bought a good second-hand, double-action force pump with a 1-inch discharge. The feed pipe is at the bottom of the tank of fertilizer. The discharge is connected with the regular water pipes. Now, for applying the liquid, I go to the valve and turn the water off from the houses; then I open the cock connecting the pump with the water piping. The usual hose is attached to the ordinary hydrants around the houses, a man is put at the pump and we go ahead. The result is that with two men you can apply liquid manure to twice the bench space in half the time and do it thoroughly, giving an even amount and without slopping. You can have the fertilizer in any house where you have water. When through, we close the valve between the pump and the piping, turn on the city water again and open the spigot over the smaller pit, which flushes out the pipes and replenishes the supply of fertilizer. If water was expensive we could wait to catch rain in the gutters and so fill the tank.

The system could be made any size, to suit any range of glass. We have our pits covered with a shed large enough to permit of storing several loads of manure. There are also a couple of steam pipes to prevent freezing in winter. This system is worth to any florist more than the small amount of money it costs. We would as soon think of giving up our steam plant and going back to brick flues as to give up our liquid manure apparatus and go back to the barrel system. F. E. Cremer.

IRON VS. WOODEN GREENHOUSES.

[An abstract of a paper by Robert W. King, of Toronto, Ont., and North Tonawanda, N. Y., read at the convention of the Canadian Horticultural Association, at Ottawa, Ont.]

All improvements are accessories to the best success, but if a man is so built that he cannot grasp them, they are of no benefit. This applies to more than the houses: For instance, improved systems of heating; boilers and economizers placed above ground instead of in a cellar; a pump to return the condensed water rather than gravity; ventilating machinery rather than a stick, or automatic ventilation rather than hand machines; automatic stokers and coal and ash handling machinery rather than the old muscles and a shovel. As to the benefit of all these, one may as well ask what use a piano is in the house of a man where nobody can play it. Some may look upon it as an ornament and with pride, and in this way it adds to the sum total of human happiness. After all, of what use is your money, if you are blessed with having any, if you cannot buy things you fancy and you like and take a pride in having them? The very pride you take in your up-to-date greenhouses and equipment is a stimulant to your success. Pride is a good thing; it helps to keep a man clean. Pride in your houses will help you to keep them clean, too, and clean houses are a benefit to the florist.

Let us take another view: Why in a greenhouse is iron better than wood? Because iron harbors no insects, and

wood does. Iron is attacked by chemical action only, causing it to rust away. This is prevented, or should be, by paint. At the same time that paint is a necessity for other reasons (light) and pays its own way. In structural parts that can not be painted, avoid iron. Use concrete tile, etc., where practical. This is the modern trend. Wood is akin to our own bodies; it deteriorates from diseases and in unhealthy places dies an early death.

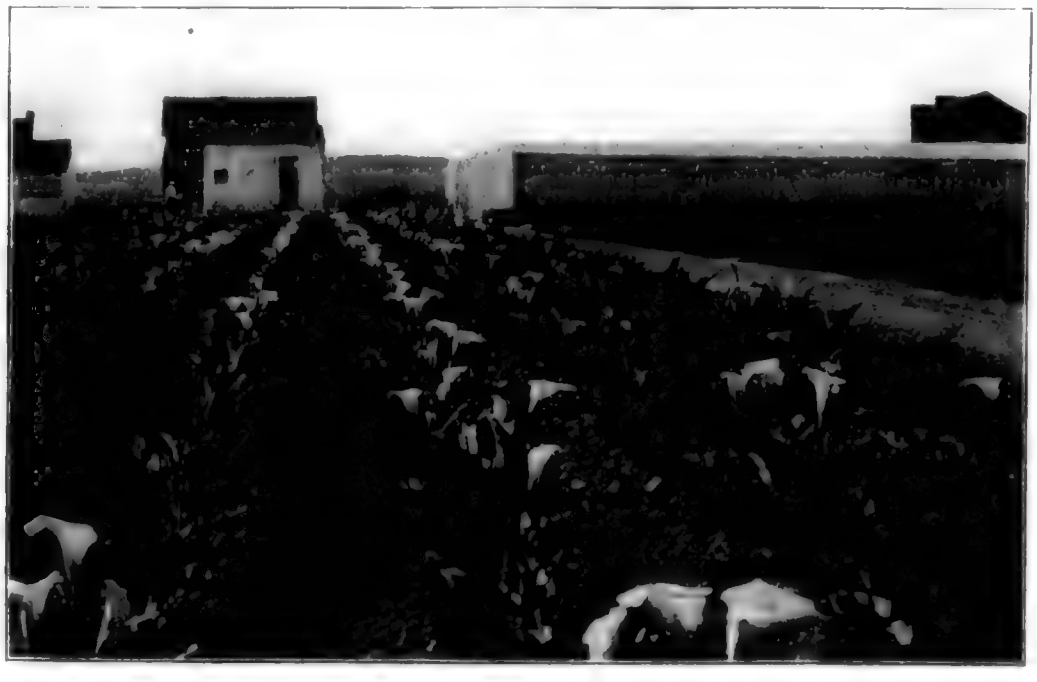
Between the disease germ of the decaying wood of the old wooden houses and the disease germ that attacks the live wood of your plants, when by mistaken treatment or any other cause they become weak and susceptible to disease, there may be a closer relationship than you think, all germs having great reproductive power and their offspring the faculty of changing form and appearance to suit new conditions.

I have a living example of the tendency of wooden greenhouses to harbor injurious insects and disease. In submitting a proposal to build permanent houses, the owner did not want them; he said that in the course of about eight years he found his houses got so lousy that the best thing to do was to pull them down, burn the refuse and build new. I do not say but what he is perfectly right; he seems to be a successful man; but his ideas on this as on other phases of greenhouse work are peculiar as compared with others. That is all I have to say in their favor, but they are his, he owns them and takes a pride in them, and that is, as I said before, a good thing. His pride in this case leads to a very thorough house-cleaning at least once in eight years.

Another aspect is light. Every ray of light let into your houses has its value, I do not care whether it comes from the north, south, east or west. I took a vote on this question from some of the live carnation growers in the west this spring. It was unanimous with those I questioned. One man called his head grower up and asked him which bench he took those prize carnations from. He odds the worst in the house. Another man, with glass in the north wall of a rose house, plants tomatoes and other tall stuff in the north bed because as he says, "You know the north light is no use for roses." This man has excellent tomatoes. It is the light that counts. Let it in, and this can be done more fully with iron construction than with wood.

Another aspect is expense. It is said, or granted, that iron is cheaper in the long run, but what about the immediate present with a slim purse? Well, I have an old drawing and specification here for a wooden greenhouse. The house is twenty feet wide, with raised wooden benches, the foundation cedar posts. The specification ends: "a house of this kind would cost here (Ontario) about $8.00 per foot, probably a little more, heating and everything included." Eight dollars a foot for a twenty-foot house is equal to 40 cents per square foot of ground covered. Our experience is that you can put up the most modern greenhouse to-day, including permanent tile beds or benches, with heating, ventilation and everything else included, ready to plant, for about 45 cents per square foot of ground covered, including power house, sheds and all such accesories. My hearers may form their own conclusions.

An examination of this old plan opens an interesting question. Have the gardeners themselves kept pace with the other improvements? It is not comparatively so in other walks of life. It has been the saying in other trades that we are not raising enough apprentices, that we are not making mechanics any more, to take the places of those who are dropping out. The old-time millwright who could build a mill from top to bottom, including his engine and boiler, or his dams and water wheels, and run the whole business when through, is a thing of the past. Then it took seven years to learn a trade, now about two weeks immediate experience at one little branch on the outside of the tree of knowledge and the same pay is demanded though the trunk over and from which the other



Field of Callas at E. J. Vawter's, Ocean Park, Cal.

(The only greenhouses on the place are the lath structures on the right.)

pointed to the north bench of the house. The house was even span, with glass on all sides down to the level of the beds. Another man had a wooden wall on the north side of an even-span house. In this case the north bench was by long has laboriously climbed for those seven years may never have been seen by him. How is it that when that house was designed you could build an eight-foot bench, put in eight rows of plants, and hire a first-class gardener to work it for half the pay that you can get a man for to-day to work a four-foot bench? My last experience is that four rows of plants is claimed to be too much; they have got to be "staggered," reducing the bench to three rows and a half, with three benches to a twenty-two-foot house.

Gentlemen, I am no gardener, but I can put a few figures together, and what they tell me is this: That if to-day you have got to build a twenty-two-foot house to cover ten and a half rows of plants where, in the past, a twenty-foot house would cover sixteen rows, you have a handicap of forty per cent in area in growing space to glass that you have had to pay for and have to keep heated. I would like this question ventilated for the good of the craft, since it affects the build of my houses and the recommendations I make to my clients. I have questioned a good many of the old growers who still stick to the wider benches and say that they raise just as much bloom and as good in the center rows as any other, and that whether the frame of the house is iron or wood it makes no difference, so if the question is solved on a profit or loss basis, then I want just as many plants in my iron house as you have in your wooden structure, and one of the old-style gardeners to run it?

The following suggestions have been received. Since the expansion of the cut flower trade, gardeners have expanded, too, and become so fat that they cannot stoop any more and demand high benches and narrow, or they cannot do the work. They claim, of course, to be able to make up for the loss of space by the superiority of their output, but, honestly, gentlemen, is it so? Are Canadian-grown roses any better to-day than years ago, when the architect of those eight-foot benches first took his flowers to New York, and as some of my American friends say, simply paralyzed the growers there, bringing home to Canada prizes and cups galore? Why, gentlemen, we had such a reputation at that time, not through one man alone, but others as well, some of whom are present here to-day, that I can eye-witness to the fact that the Yankees labeled their best roses "grown in Canada" in order to command our prices!

In support, then, of my contention, I submit that we miss the gardener apprentice whose youthful training over eight-foot benches for seven years has bent and moulded him in form till he can snake his arms through the bushes or hump his back to pick a flower or clean a bush outside the reach of an ordinary mortal.

What is this idea of "staggering" the plants? Have any of you heard of it before? It seems to me that if the rows are kept square across the bench instead of diagonally, as when "staggered," that you have less distance to reach to get at the center plants, the difference being in proportion as the base of a right angle triangle is to one of its sides. To support the plants practically double the wiring is required and a half row of plants lost to each bed. If I am wrong will some one please call me down?

I have followed greenhouse work for sixteen years and consider that in designing a house the first question to settle is the width of beds and walks, then build your house to suit and stick to it. Do not change your ideas before your house is barely up or without the very best of reason for so doing. Remember the proverb that it is the poor workman that finds fault with his tools. Rather let a



E. J. Vawter and His Twenty-Acre Carnation Field at Ocean Park, Cal.

florist change his ideas to suit his houses than be too ready to change his style of house to suit his ideas. I have told you before about the man who had tried every style of greenhouse extant and found he could grow prize stuff in them all.

THE VAWTER CARNATIONS.

To the followers of our craft who visit California there are few more interesting sights than E. J. Vawter's carnation fields at Ocean Park, not far from Los Angeles and less than a mile from the ocean. Here are twenty acres in carnations, aggregating 100,000 plants from which from 8,000 to 10,000 flowers are cut each day in winter and in the spring from 12,000 to 20,000 daily. There are also five acres of violets which will yield from 1,000 to 1,500 bunches daily from November to May, each bunch containing fifty flowers. Two acres are in roses and three acres in bulbous stock, all grown outdoors summer and winter, although lath houses are in use on the place.

The following story of how these fields came into being will be of interest:

Five years ago Mr. Vawter was approached with a proposition to rent a part of his place that was then being farmed. An outdoor florist contracted for the place, making all his arrangements to start there a carnation field. At the last minute, grown fearful, he refused to sign the contract, and one man's conservatism was again another man's opportunity. Mr. Vawter, who had never had more than an æsthetic interest in flowers, had become interested in the scheme for a garden on his place and determined to carry out the plans himself. Consequently 5,000 cuttings were bought, which, after Mr. Vawter had returned to his farm and harvested a crop of barley from the prospective carnation fields, were duly planted. Today he is selling from 5,000 to 10,000 blooms daily, his principal market being Los Angeles. Mr. Vawter could say with Kipling:

And I took the chances they wouldn't, and now they are calling it luck!

Ocean Park affords an ideal situation for carnation culture. The ground rises gently from the ocean, and on the eastern and the southern slope, protected from the winds, the grade insuring at all times perfect drainage. In the flats beyond are grown lilies, roses and violets, but the carnations are the specialty, the hardiest as the most gratifying, so sure are the returns.

There is a pumping plant at the foot of the hill whence the water is sent up to a tank of 100,000 gallons capacity, then piped over the field.

The plants are all raised from cuttings, are started on the bench, and, as soon as they are rooted, are put in pots and later set out in the ground. After their second season they are thrown away and their place filled by new plants.

A CALL ON JOHN DUNLOP.

Though in these days of mammoth greenhouses Mr. Dunlop's glass at Toronto, Ont., may not cover more than three acres, it has since its beginning been famous for perfect order, cleanliness and neatness, as well as the high quality of its product, more especially roses. The writer recalls the time when the executive committee of the S. A. F. held its meeting at Toronto in February, 1891, not so remote a period, and yet the man who owned 100,000 feet of glass was a big man and there were only a few of him. The committee journeyed out westward to see John's wonderful roses. The street cars took you to within a mile and a half of his houses and then you had to walk through or over brick yards, sand pits, goose commons and other picturesque scenery. Nowadays all this territory is built up with pleasant residences and a speedy trolley car lands you at the front door of Mr. Dunlop's substantial residence.

Here can be seen a dozen houses of carnations planted at various dates, some as early as April, some lifted from the field early in July and others planted as late as the middle of August. Those put on the bench the middle of April, of which there were Lawson, Enchantress and others, looked large, bushy and in the best of health. Yet Mr. Dunlop says this means a sacrifice of at least two months of most profitable cutting and unless you can plant as early as that and get the plants established before very warm weather, he prefers growing them six to seven weeks in the field and lifting early in July. To all of which I most devoutly say amen. Mr. Dunlop believes in giving nearly all the new varieties a trial and then goes heavily into what suits his soil and culture.

Among others he says he has discarded all crimsons but Harlowarden and in scarlet he grows Estelle grandly. Nearly all the carnations are grown in houses which are now his oldest range, built when the short span to the south was the fad. On remarking that I supposed he would build no more like that, he replied, "No, I guess not, but they grow good flowers," and that is verily true, as the writer can testify from frequent visits, seeing both roses and carnations as well done as the best, which all goes to show that the man and his methods have more to do with success than costly structures or up-to-date architecture. Yet that's no reason why the most thorough man should not have the most up-to-date houses, and Mr. Dunlop has them, many of them. There is one style he has not, a remnant of an old style, to be seen in many places yet but considered a relic of the past with nearly all the very large growers, viz., the long span to the south, with all its waste of ground, expensive structure and awkwardness of manipulation.

We were mostly interested in the large blocks of rose houses with the gutters up some seven feet and, of course, no partitions. The pipe (the whole place is steam) runs along the edge of the benches, or rather beds, for there were no raised benches in these rose houses. The walls of the beds were mostly concrete and some seventeen or eighteen inches high. These are not solid beds by any means, as all had ample drainage. I can't see but what this style of range is about as light as outdoors and if you can't grow roses and carnations in them to as near perfection as they can be grown, you must lay the failure to some other cause, not the style of house.

All the roses without exception looked well, not a particle of mildew, and the early planted promising an early and vigorous crop. As with carnations, Mr. Dunlop believes in testing the new varieties. He believes strongly in Mme. Chatenay. Though small plants, he says, when received in mid-summer, they are now making strong two-foot flowering growths.

Mr. Dunlop is a strong and consist-

ent believer in grafting all his tea roses and the beds of Maids and Brides and some late introductions of grafted stock compared with a few hundred of each on their own roots showed a marked strength of growth in favor of the former. Whatever question there is about the cut from these grafted roses the whole season through, there can be no mistake that up to January at least they will give a bigger and a better crop of flowers.

Two large propagating houses pleased me very much, because they are constructed on what we think is just the right principle, not a steam pipe to be seen, but when weather demands it, hinged doors are opened along the sides of the boarded up benches and that is top heat enough. At present large quantities of excellent valley were being cut from these benches.

Altogether this is a model place, run by a strictly business man and everything is produced to supply the firm's fine store on King street. W. S.

CANADIAN CUSTOMS.

A new customs regulation took effect October 1. A new form of invoice is required, of which two copies must be filed. It states, besides the quantity and kind of goods, the fair market price of the goods when sold for consumption at the place from which exported, and the actual selling price to the purchaser in Canada. Attached to the invoice must be the following certificate:

I, the undersigned, do hereby certify as follows:

(1) That I am the exporter of the goods in the within invoice mentioned or described.

(2) That the said invoice is in all respects correct and true.

(3) That the said invoice contains a true and full statement showing the price actually paid or to be paid for the said goods, the actual quantity thereof, and all charges thereon.

(4) That the said invoice also exhibits the fair market value of the said goods at the time and place of their direct exportation to Canada, and as when sold at the same time and place in like quantity and condition for home consumption, in the principal markets of the country whence exported directly to Canada, without any discount or deduction for cash, or on account of any drawback or bounty, or on account of any royalty actually payable thereon or payable thereon when sold for home consumption, but not payable when exported, or on account of the exportation thereof or for any special consideration whatever.

(5) That no different invoice of the goods mentioned in said invoice has been or will be furnished to any one.

(6) That no arrangement or understanding affecting the purchase price of the said goods has been or will be made or entered into between the said exporter and purchaser or by any one on behalf of either of them, either by way of discount, rebate, salary, compensation, or in any manner whatsoever other than as shown in the said invoice.

It will be well for all shippers of goods into Canada to take notice of these new regulations in order to save their customers time and trouble in claiming their goods. J. Gammage & Sons.

SHADING.

Do the following need shading in winter: All kinds of flowering begonias, especially B. rubra; kentias, arecas, chamaerops and crotons, three kinds.

J. R. M.

What are the winter months? We sometimes have fine, mild weather until the first of December and, then again, too often "winter lingers in the lap of spring." We will suppose the inquirer means by winter the months of November to March. If so, then the question is easy to answer.

No, by no means do any of those plants mentioned need any shade whatever during those months and you also might safely include the month of October, with the exception of the arecas. All the palms mentioned can be plunged outdoors during the hottest months of summer if not neglected for water. Crotons make fine foliage beds in the broad sun and too much shade, even in summer, is the curse of most all the flowering begonias.

The writer has more than once expressed his opinion that many florists are too late in removing shade in the fall and too late in applying it in the spring. We have not yet arrived at an inexpensive means of adjustable shading that can be used on a large scale. It will be a blessing when we do. Many plants would be benefited by a shading on bright days in March and greatly impaired by the same shading on wet, dull days in May. W. S.

PHILADELPHIA.

The Market.

The early days of October have brought a decided improvement in the tone of the cut flower market. Carnations are getting better. They are firmer in price and in brisk demand, the Flower Market reporting some good shipping orders. Chrysanthemums of excellent quality are coming in more freely. S. S. Pennock received 400 fine blooms on Monday. The varieties are Polly Rose and Glory of Pacific. Edgar & Co. are receiving the former variety, while Wm. Swayne, of Kennett, is sending Mrs. Kalb, white, and Polly Rose to W. J. Baker. Beauties are in demand, but tea roses and valley lag a little.

The departemnt stores are now opening a new set of departments properly decorated. Foliage plants, wild smilax and other greenery, dahlias, cosmos and the last of the hydrangeas, many colored, including the bronze of decay, are the principal materials used. Saturday saw great political activity. The Wm. Graham Co. had a handsome dinner at the Union League at which Beauties, Liberties and other choice flowers were used. Then there were decorations at the Academy of Music, Academy of Fine Arts, the Manufacturers' Club and other places. This week Pennock Bros. decorated Van Sciver's furniture store opening in Camden with wheat, corn, greens and foliage plants, a typical harvest-home decoration. Hugh Graham had decorations at Blum Bros.', the Bingham House and several weddings. J. J. Habermehl's Sons had another decoration at Wanamaker's.

West Grove.

After a short drive, during which the question whether or no Patrick's fidelity to the hitching post should be rewarded by a dinner of oats was finally decided in the affirmative—these corporation men yield so gracefully—the Inn was reached. Here a substantial dinner was fully enjoyed, mine host offering his best cigar by way of cash discount—gladly accepted by Mr. Conner but declined by the pipe-loving Phil—coupled with a cordial invitation to come down in the summer and spend a week.

The rejuvenated Patrick soon brought the buggy to the famous place of the Dingee & Conard Co., where in a substantial office building the visitors found Joseph Lynch, the secretary and manager, who received them most kindly.

The prompt interference of Mr. Conner prevented Phil from seating himself in a capacious scrap basket supposed to be an easy chair and after a short chat the two proceeded to tour the place.

There are seventy houses devoted to roses planted out in benches, grown for propagating exclusively. A fine shed runs the length of the place, the houses opening on it from both sides. Four Ericsson hot air engines keep up a strong pressure of rain water in the pipes. The party were joined by the foreman, Edward Parker, an old acquaintance of the Penrose Nurseries, later with Samuel S. Pennock, who pointed out with pride a shed running at right angles to the main one. It was filled with a few million pots, dizzy numbers, neatly stacked ready for the young rose plants. This shed, but a few years old, has already paid for itself in breakage saved.

The rose plants were in good growing condition, full of breaks, promise of good cuttings in plenty. The method of handling is very interesting. The plants from 2-inch pots are planted out in benches, containing about four inches of soil, at a distance of about twelve inches. From each of these plants an average of one dozen young plants is produced. At the end of six months the parent plants are potted up into 4-inch pots. The benches are cleaned, refilled and another lot of 2-inch roses planted out. So on every six months. The soil in the benches is never used for potting up stock but always thrown out. Some samples of young stock struck this spring were thrifty and full of vigor.

A theory advanced by Mr. Lynch and supported by Mr. Parker, that a single plant of one variety in a bench of some other sort always outgrows the rest, no matter what the varieties may be, was vigorously combatted by Phil. They said it was a fact. The reasons could be surmised but not easily explained. Phil thought these wanderers gained strength by the passing of the cutting knife. No small rose likes to be chopped up. Who can give the true reason?

Outside were great rows of frames with muslin or cheese-cloth covers looking like soldiers' tents at an encampment. These frames were full of young rose cuttings which, though they would be ready for potting before these notes are in the hands of the Review readers, were considered a good risk. The frames appeared to have manure under the sand to give bottom heat, the shading cloth being two or three feet above the glass.

On the way out another trip was taken back to the houses to see the baby rambler, Mme. Norbert Levavasseur, a cross between Crimson Rambler and Glorie de Polyantha. A diminutive plant fit for a 3-inch pot and fifteen blooms. It gives promise of being a dwarf Easter plant of merit. The company is preparing to work up a large stock of it.

After a cordial farewell from their hosts the Philadelphians turned Patrick's head toward Avondale, out over the new macadam road which Mr. Lynch has done so much to secure under the new road law. One dollar for six hours and a half of Patrick's time seemed so good that Mr. Conner added a quarter for a cigar—these Lord & Burnham peo-



A Part of the Field of Peonies at the Peterson Nursery, Chicago, Photographed last Spring.
(The heavily bloomed variety in the center is Modele de Perfection.)

ple have high ideas—with the remark that the horse had not been abused, which was certainly true.

The Florists' Club.

The annual meeting of the Florists' Club was held on Tuesday evening. The election of officers resulted in the unanimous choice of John Westcott as president, David Rust vice-president, William Colflesh treasurer, and Edward Lonsdale secretary. After the business meeting a president's reception and entertainment was greatly enjoyed by the members and ladies present. An excellent program of music and recitations by members and others had been prepared. It was prefaced as follows:

In all public bodies it is a maxim of prudence to hold fast to a good officer when such has been discovered. The Florists' Club has been fortunate during its life of some twenty years to have had many faithful and capable servants. The present officers are no exception to the rule, and their re-election for the coming year, without opposition, is a well deserved tribute of esteem and appreciation.

To signalize this event, it has been deemed proper to have a social reunion at the regular monthly meeting, the first Tuesday in October (Oct. 4th), where everybody (ladies included) shall be welcome, and become better acquainted with one another.

This meeting is the beginning of a new year in the club's history, and the celebration will take the place of the usual essay and discussion as the principal event of the evening.

A Rare Bug.

Tenodera Sinensis is the name of a curious looking insect with narrow body and broad, gauzy wings that was caught in the greenhouses of the Wm. Graham Co., at Olney, and placed on exhibition in their window, at Thirteenth street, above Sansom. Through the courtesy of David Beatty it was learned that this insect was of value as a destroyer of caterpillars, two or three furnishing a comfortable meal. Through a local daily the attention of entomologists has been called to this discovery and it has been correctly named as above. A Chicago expert called to see it, and state economic zoologist at Harrisburg. The insect died meanwhile and Mr. Beatty attached it to a card, when it continued to draw crowds of people to the show window. A messenger is coming down from Harrisburg to carry this curiosity safely to the state collection.

Various Notes.

B. Eschner, of the firm of M. Rice & Co., has suffered a great loss in the death of his mother, which occurred last Saturday. Mr. Eschner has the deep sympathy of his many friends.

As the Review goes to press, Riverton is expecting the return of J. D. Eisele from Europe. This flying trip is the first that Mr. Eisele has taken for rest and recreation. It is hoped he will be much benefited by the change and sea air.

W. E. McKissick, of the Leo Niessen Co., states that they are receiving gardenias, also that some nice Maids and Brides are being sent in by G. E. Campbell, of Flourtown.

Charles F. Edgar & Co. are receiving some nice flowers of Polly Rose chrysanthemum.

Jacob Becker and George Carpenter, prominent West Philadelphia growers, went over to Riverton last week to see, as Mr. Becker calmly explained, whether Phil had told the truth.

Paul J. Klinghorn states that his firm, Dumont & Co., is receiving some exceptionally fine Joost, Crocker and Enchantress.

The Floral Exchange sent 20,000 roses, Brides, Maids, Gates, Edgelys and Beauties, during the second half of September to E. Bernheimer.

Achillea, pyrethrum and other small white flowers, rather scarce in the market, are a specialty with C. F. Edgar & Co.

Edward Reid is home again, hard at work packing his extra fine flowers at Flora Hill.

A representative of Wm. J. Baker visited Kennett a few days ago and found Wm. Swayne's carnations and his chrysanthemums in splendid condition.

Joseph P. Johnson, of Hightstown, is sending in fine double violets to the Flower Market.

Albert Woltemate, of Germantown, has been very busy with grading as well as floral work.

Jacob Becker is sending in nice Perles and Ideals to the Leo Niessen Co.

Mrs. S. I. Smith, of Secane, is sending choice single violets to the Flower Market.

Eugene Bernheimer has sent out a wonderful pencil to his friends in the business, a pencil that only a sturdy florist can wield effectively. It is not intended to attach to a watch charm, but might be used as a club in case of need.

Phil.

ST. LOUIS.

The Market.

The weather the past week was very warm and the cut flower business dragged somewhat. Complaints were general that the trade was not what it was the week previous, during the cold snap which we had at that time. Saturday opened the fourth quarter of the year with brighter prospects, and with cooler weather, which the florists hope will remain with us and make the last quarter of 1904 a profitable one. Out in the west end a number of florists have booked orders for receptions, weddings and dinners for this month. The Veiled Prophet's ball Tuesday night made the demand for choice flowers great, as it always does. American Beauties had the call, with Meteor and Liberty next choice.

The market has plenty of everything, especially roses of the white and pink varieties. Red roses are somewhat scarce. Perle had a great call on Saturday and Sunday, owing to a golden jubilee of one of the largest churches in the city. Choice stock in the smaller roses brings about $6 to $8 per 100. Fancy Beauties are quoted at $4 per dozen. Prices will be somewhat higher this week owing to the big demand for the social affairs on for this week.

Many growers are sending in extra fine blooms of Boston Market, Wolcott, Joost and Enchantress. Most of these bring $3, others from $1.50 to $2 per 100. Prospects for large quantities of carnations of all kinds are very good.

Cosmos is very fine and there is plenty of it at 50 cents per 100. The warm days of last week did the violets no good, as they are still small and shriveled. The price is 25 to 50 cents per 100. Lily of the valley is fine, with fair demand at $3 and $4 per 100. Tuberose stalks are still coming in, but not in as large lots as they have. Large lots of dahlias are in and sell cheap. White and yellow sell the best and all they bring is $2 per 100. All other outdoor stock is over. Smilax is selling well at 15 cents per string. Asparagus Sprengeri has a big call, also adiantum.

Various Notes.

We had with us last week J. E. Killen, representing Wm. Rennie, of Toronto; Judge Vesey, of Fort Wayne, Ind., and Mr. and Mrs. A. C. Canfield, of Springfield, Ill.

Young Mr. Peterson, son of J. A. Peterson, of Cincinnati, is here selling Pandanus Veitchii and Begonia Gloire de Lorraine for Christmas delivery.

Theodore Miller returned home Thursday from his trip to Chicago, Fort Wayne, New Castle and Joliet. He reports royal treatment at all places visited.

C. Young & Sons Co. the past week sold $700 worth of orchids to the Emperor of China. The shipment will be made this week. They are all being packed in glass cases.

The Ellison Floral Co. has had a busy week. The decoration of the Dakota building at the World's Fair was most noteworthy.

Tuesday was horticultural day at the World's Fair and it was a grand affair. The building was tastefully decorated by Mr. Ussic, who is Mr. Hadkinson's right hand man. Mr. Cowee's gladiolus exhibit is still the attraction there. From October 22 to 31 a special exhibition of chrysanthemum blooms will take place. There are twelve classes to be shown. The entries must be in the hands of Superintendent Hadkinson not later than October 19. Quite a few entries are already in and Mr. Hadkinson expects a large display on each of the ten days of the exhibition.

Henry Ostertag has a few large decorations on for this week. Two of the largest will be at Faust's on Tuesday night and the Jefferson hotel on Thursday night.

The Beyers are decorating the Missouri building for Missouri day, which takes place next Tuesday. Other buildings, too, are being decorated for the occasion by this firm.

The New York building at the World's Fair was beautifully decorated for Gov. Odell's grand ball, which took place Tuesday night, and conflicted with the annual Veiled Prophet's ball.

Saturday, October 8, will be Chicago day at the World's Fair and the florists here hope for a large attendance of the craft from that city to spend a day with us. No doubt the Illinois building will be handsomely decorated for the occasion.

The Florists' Club members should not forget to attend the meeting next Thursday afternoon at 2 o'clock. President Juengel has some very important business to present. All convention committees are expected to make their final reports. In point of membership and finances the club has never been in better condition and the members should recognize the fact and attend the meetings regularly. The new officers are out to make a record for themselves and the regulars are in line to help them. The trustees will have their list of essays ready for the coming season. The trustees of the club are Fred C. Weber, E. W. Guy and Theodore Miller.

C. Young & Sons Co. decorated the big hall of the Merchants' Exchange for the Veiled Prophet's ball. The decorations exceeded all former efforts in this line. Grand electrical effects were employed and carloads of plants and wild smilax were used.

Bowling.

The handicap series for the silver pitcher ended Monday night, O. R. Beneke winning with an average of 180, followed by F. C. Weber, with 168. The first four are all handicap men. The scores of the series are as follows:

Player.	Hc.	Gm.	T'l	Av.
O. R. Beneke	20	12	2168	180
F. C. Weber	20	12	2026	168
F. M. Ellis	20	15	2570	167
Ed. Gerlach	45	15	2507	167
A. Y. Ellison	S	9	1490	165
C. A. Kuehn	S	15	2440	162
F. H. Meinhardt	25	15	2440	162
J. J. Beneke	S	15	2430	162
Carl Beyer	S	10	1531	153
Theo. Miller	S	9	1271	141

The Ladies' Bowling Club started its season Monday afternoon at the St. Louis Bowling Association alleys, where they will meet every Thursday afternoon during the season and every month a theater party after the meeting. A few games were rolled:

Player.	1st	2d	3d	4th	T'
Mrs. F. H. Meinhardt	123	90	108	122	443
Miss T. Meinhardt	72	75	82	107	336
Mrs. Bentzen	46	75	18	...	169
Miss L. Meinhardt	76	105	68	87	336
Miss B. Meinhardt	137	92	92	91	412
Mrs. F. C. Weber	76	88	70	64	298
Miss M. Schnell	91	118	74	...	283
Mrs. J. J. Beneke	97	72	...	...	169
Mrs. Steidel	60	...	...	...	60

J. J. B.

CHICAGO.

The Market.

Monday was the busiest day this market has seen in many months and conditions are materially better than they were, all along the line. All the country buyers have been heard from regularly for several weeks and now their requirements have assumed considerable size. St. Louis has been a very heavy buyer in the last four or five days and Detroit and Pittsburg have wanted Beauties and choice roses. City trade is also quite large, several large weddings and funerals making a call for much choice stock.

The hot days last week had the effect of bringing on a big cut and a return to frosty temperatures on Sunday caused an even swifter shortening up, so that, with the heaviest demand of the season Monday and the following days found a place in waiting for all good stock. Long Beauties were particularly in demand. Not all small roses are yet free from mildew nor have they all sufficient stem to serve all purposes—but they all found buyers. Chatenay is very abundant but makes a handsome funeral wreath, with adiantum, and is largely used.

The aster is gone and the carnation has fallen heir to its following. There are large receipts of good average quality. Regular requirements have used up all the better grades and the 1000-lot orders, for fall openings, special sales, etc., have cleaned up the "our selection" grade of fair prices.

Chrysanthemums are increasing in numbers but, as demand is strong, quality is not improving very fast; most of them are served quite rare. Violets are not selling well although qualities are good, considering the early date, and prices reasonable. A few shipments from the Hudson river district have already reached this market.

Cosmos is fine and a good seller at three bunches for a dollar. Dahlias are better than heretofore, and selling better also, although not at high prices. "Green goods" are in active demand. Ferns have begun to go up in price.

Various Notes.

The George Wittbold Co. has its decorative stock busily employed down town, this week. They have big decorations up at Field's, Stevens', the Hub and Mandel's and other smaller jobs elsewhere. At Field's they used 500 strings of asparagus. Amling furnished it.

W. J. Smyth had a busy day Tuesday, with two large weddings and the Parmelee funeral, for which he had a large church decoration. For these obsequies the notices read, "please omit flowers," so that the trade in general got nothing from it.

Hugo Schroeter, of Detroit, was in town Saturday, buying stock to be shipped Monday for a big store opening. He wanted a large lot of material, principally long Beauties. He was here just a year ago on the same errand and it is worth recording that the Beauties that were charged at $2.50 last year cost him $3 a dozen this time. He said stock looked good all around the market.

During the week E. E. Pieser, at Kennicott's, has been showing sample blooms of a seedling carnation raised by a son of F. Stielow, at Niles Center. It is cerise pink, large and fringed and everyone thinks well of it.

Chrysanthemums.

We are handling the best blooms in the market. Our growers know their business. Cuts are increasing and prices are more regular.

Let us have your order. Get your name on our mailing list for our weekly market report.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem	$3.00 to $4.00 per 100.

	Per 100
Brides and Maids	$2.00 to $5.00
Meteors and Gates	2.00 to 5.00
Liberty	3.00 to 6.00
Kaiserin	3.00 to 8.00
Carnations, select, all colors	1.00 to 1.50
" large and fancy	2.00 to 3.00
Mums, large...per doz., $3 to $4	
" medium " $1.50 to 2	
Violets	.50 to 1.00
Valley	2.00 to 4.00
Tuberoses....per doz, 35c to 50c	
Longifiorums " 1.50	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns ....per 1000, $1.25	.15
Galax....per 1000, $1.25	.15
Leucothœ	.75
Adiantum	.75
Adiantum Croweanum	1.50
Smilax ..per doz., $1.50	10.00

Subject to change without notice.

Mention The Review when you write.

A. Lange says trade is gradually getting under way but he wants to see good frosty weather. He has quite a trade with out-of-town florists who wire him orders for funeral and other flowers to be delivered in Chicago or the suburbs.

Wietor Bros. are growing a big lot of mums this season and are already getting in a big cut, for the orders call for them.

Ald. and Mrs. Peter Reinberg are at St. Louis for Chicago day.

N. C. Moore & Co. are getting in a big cut of dahlias.

J. D. Pruessner, of Galveston, Tex., was a visitor Monday. He came from St. Louis.

There was another fire in the Atlas block Monday evening but it did the wholesale cut flower people no damage. There are tales, not improbable but not fully verified, of how the florists gathered at the foot of the fire escape, gazing aloft, alert to catch the pretty young woman who was descending from the fifth floor with her firm's ledger in her arms.

Bowling.

The bowlers had an informal session at Bensinger's alleys, 108 Randolph street, Tuesday evening, where they will meet again next Tuesday, every member of the Florists' Club being requested to be present. This weeks scores were:

Player.	1st	2d	3d
Balluff	166	131	125
Asmus	186	183	180
Winterson	134	110	128
Pruner	178	127	186
Stevens	211	181	181
Scott	161	127	122
Lambros	167	169	125
Benesh	88	107	109
Hauswirth	..	186	160

WE consider the REVIEW all right and don't expect to be without it as long as we are in the business.—COOK & COOK, Alvin, Tex.

COUNCIL BLUFFS, IA.—J. F. Wilcox shipped a car of decorative plants and large quantities of cut flowers to Nebraska City for the Cudahy-Morton wedding October 1.

PHILADELPHIA.—A pleasing story has gone to the newspapers throughout the country of how Wm. Standen, a muscular and polite young florist, has been engaged as escort for the young ladies at Bryn Mawr college.

BUFFALO.

The Market.

There has been a decided awakening of business during the last two weeks. The folks are home from mountain and sea-shore and social events in society are increasing. Tea roses are yet poor and none too plentiful. American Beauty is in good demand and all that come to town find ready sale. Carnations are just commencing and sell well. Of all the varieties to give you good flowers on good stems at this early date there is none equal to Enchantress. A few chrysanthemums are in the windows. Midge, Monrovia and Fitzwygram are the varieties. I have seen the real Lady Fitzwygram. His lordship is the owner of Leigh Park, in Hampshire, near the great naval station of Portsmouth, where the writer let out his initial squall. I wonder if her ladyship knew how often on this side of the Atlantic her name is taken in vain. In another week the mums will be in abundance, for asters are gone. We know where there are some fine Mrs. T. W. Pockett about fit to cut, but this beautiful yellow should be left until it is perfect.

Various Notes.

I met our aster king, Rudolph Boettger, a few days ago and he said he looks for another good crop of Semple's Branching asters if frost holds off. That speaks well for our climate. Strange to say, while central New York had a terrible frost and we hear of its visit as far south as Baltimore, we have escaped. The weather man reports the lowest in September at 38 degrees, yet in low places frost was felt and, what with winds and rain, there is little left outside. In a ten-mile drive through the truly rural roads of Genesee county, we deplored the fact that thousands of barrels of red cheeked Baldwin apples will rot on the ground because, after paying for a barrel and the labor of picking, there would be nothing left for the poor farmer.

And yet the farmer is not so poor! He generally has health and plenty to eat, clothes sufficient for decency and comfort, rural free mail delivery, telephone for $1 a month, a district school within a mile or two and all beyond this is frills and unnecessaries. Is he not a king compared to the white slave in our crowded cities, paying two prices for everything he eats, drinks and wears and the kids run the streets, and a fourth of his wages is taken for rent?

We noticed the corn scorched with frost and yet occasionally a dahlia in some front yard four or five feet high loaded with pompon flowers. So all together it can be summed up in the beautiful lines of J. Whitcomb Squash:

The frost is on the pumpkin,
The buckwheat's in the shock,
But dahlia's still a bloomin',
Though the corn has got a knock.

Mr. Anderson has entirely gotten over the remodeling of his store and it's now a beauty.

C. H. Keitsch is also in new quarters, a wonderful improvement over the store he vacated.

Byrne Bros. have purchased land in the Williamsville direction and are erecting a range of glass. This, we suppose, is the nucleus of an extensive place, as these young men are workers and will stick to it.

We have not seen many visitors, but the few we did meet might be classed as choice to extra. Mr. Peterson, of Cincinnati, was here and then came "Billy" Craig, of Philadelphia. Each had his order book ready, but they had something else. They each hired a spacious room in a hotel and had samples of what they had to offer. This is an excellent idea, for when you see the palm, fern, pandanus of begonia, it gives you a much better idea what you are buying than any talk of two feet high, seven leaves, etc., etc. There is only one trifling (?) condition to make this system entirely satisfactory to all concerned, especially the buyer, viz., that the order when executed shall be as per sample.

Speaking again of S. A. Anderson, he has filled a very important position for the past two weeks. He is foreman of the grand jury and last week they indicted three aldermen and four ex-aldermen. Of course the offense is the great American specialty, graft on public work.

W. S.

BOSTON.

The Market.

Conditions have shown a wonderful improvement during the past week, everything clearing out in a satisfactory manner. A few outdoor flowers from sheltered localities continue to dribble in, but they cut no figure in the market. Roses have hardened in prices. On Beauties prices have not varied much, $4 to $25 being still the outside limits, but Brides and Bridesmaids are doing better. While ordinary stock brings $2 to $3, select flowers have sold as high as $8 to $10. Carnations are none too numerous and clear out at advanced prices, the best bringing $3 to $4. Violets are becoming more plentiful. They sell at an average of 50 cents per 100, the only variety seen being Princess of Wales. Lily of the valley remains about the same. Chrysanthemums are a little more plentiful. One grower had some blooms of Ivory on October 1, very early for that variety. Bergmann and Fitzwygram are the leading white. Some of M. B. Girard, crimson, are also seen. Asparagus plumosus holds steady at $50 per 100 strings and 50 cents per bunch. Asparagus Sprengeri is 25 cents a bunch.

Various Notes.

Wm. Sim is sending in 5,000 fine Princess of Wales violets daily to the Park street market and Waban Conservatories are sending some splendid roses.

John Jansky, the Columbus avenue wire design manufacturer, has taken quarters in the basement of the new flower market. Other spaces will be let shortly. The directors of the market report business as very good. One of the new directors, Charles Cummings, having declined to serve, Norris F. Comley was re-elected.

N. F. McCarthy & Co.'s auction sales are now drawing large attendances of buyers. The late frost was needed to interest people in bulbs, trees and shrubs.

The freeze of September 22 was so severe in parts of New Hampshire that plants were frozen in greenhouses with ventilators tightly closed. Of course, we have enjoyed balmy weather since outdoor stock was cut down.

At a meeting of the board of directors of the Massachusetts Horticultural Society on October 1 several new members were elected. An appropriation was made for the committee of arrangements to be used in connection with the visit of the C. S. A. next month. A subcommittee presented a list of suggested appropriations for prizes for 1905. An appropriation was made for the purpose of improving the acoustic properties of the lecture hall.

Charles Sander has had a fine display of nerines in many varieties and Belladonna lilies in bloom at Prof. C. S. Sargent's estate in Brookline lately. Mr. Sander handles these beautiful fall bulbs to perfection.

Very fine displays of plants were made at the Taunton Fair by W. J. Clemson, J. O. Kristenson, gardener, Willard & Williams and Geo. H. Walker, who won prizes for the best display in order named. Each of the two first named exhibitors filled over fifty feet run of staging five feet wide. The display of vegetables at this fair far outclassed that seen in Boston a week previous, being the best seen in Massachusetts.

Violets, chrysanthemums, roses and carnations help to make the stores very attractive now. Plant trade is beginning to pick up.

The seedsmen report a nice demand for bulbs since the September freeze. Quite a number of the flower stores dabble in bulbs to some extent also, to say nothing of the big department stores.

John K. M. L. Farquhar writes that his blooms of Lilium Philippinense carried in fine condition to Europe and have been favorably commented on in the English horticultural papers.

John Barr, of South Natick, grows some 15,000 carnations. He is disappointed with practically all last season's introductions. Fair Maid he thinks highly of, but The Queen is his champion variety and his opinion that it is the best white in sight today is shared by many other growers. Mr. Barr is a first-rate grower of carnations. He has a batch of 500 fine cyclamen coming along, in the culture of which he is a past master.

H. E. Doyle had a pretty church decoration at St. Lawrence's, Brookline, on Sepetmber 28, for the wedding of Miss M. J. Mahoney. The color scheme was green and white, roses and carnations being used in profusion. At the bride's home Beauty roses were used in the dining hall, Brides in the library and Bridesmaids in the other rooms.

Thomas Galvin had a fine lot of Morgan roses in the windows of his Tremont street store the past week. Cattleya labiata and Oncidium varicosum Rogersii were also a feature.

These are the days when the fakirs are hard up for stock. The mum season will soon put them in cloverland, however.

The floral tokens at the funeral of Massachusetts' venerable and beloved senator, George F. Hoar, at Worcester, on October 3 were more numerous and costly than at any other funeral in this state for years and attested the high esteem in which Mr. Hoar was held by all parties.

J. Leach & Son have a neat and compact plant at North Easton. Some 8,000 carnations are grown. These include two seedlings which are grown in quantity and produce very freely. One is light and the other dark pink. Other sorts grown are Maceo, Queen, Lawson, Fair Maid, Eldorado and Edith Foster. A bench is also given to Mrs. Fisher, which is still found much the best outdoor summer bloomer. A good many Princess of Wales violets are grown. These are just being housed and are very fine. Chrysanthemums are mostly early varieties, their places being taken by violets later. Messrs. Leach have a stall in the new wholesale market.

Peter Fisher has a grand new white seedling carnation which will outclass Governor Wolcott in every respect. It has size, fragrance, a strong stem and calyx, is very double and beautifully fringed. This is the best of its color yet raised by Mr. Fisher and all who have seen it pronounce it a winner.

Local nurseries are very busy shipping perennial plants and report a very good trade in deciduous trees and shrubs for fall planting.

J. F. Butterworth, of South Framingham, is cutting some fine Cattleya labiata, Oncidium varicosum Rogersii and other seasonable orchids. He will have a fine cut of Cattleya Trianæ and Cypripedium insigne a little later.

The garden committee of the Massachusetts Horticultural Society were invited to visit the dahlia gardens of E. W. Ela, but the visit had to be cancelled last week, as all Mr. Ela's plants were frozen. A visit will be made at the end of October to the estate of Commodore M. F. Plant, Groton, Conn., in charge of T. W. Head, to inspect houses of carnations, roses and chrysanthemums.

W. N. Craig.

ALVIN, TEXAS.

The florist business at this end of the world is in the hands of the growers and cape jasmine and violets are about all that they are holding up at present. But we believe that the prospect is bright for further development, and we see no reason why roses and chrysanthemums cannot be grown quite as profitably as those already tried. In fact we believe it so strongly that we expect to give them a fair trial during the coming year.

The summer has been unusually rainy and jasmines that have received the proper care in the way of cultivation have put on a splendid growth and give the optimistic grower beautiful visions of a fine crop next May.

The acreage in violets shows a marked increase over last year and the plants generally look healthy and vigorous. They are grown here in open fields and the season begins with Thanksgiving and lasts until March, with only moderate danger from frosts. Last year the season was uninterrupted by cold the whole winter through. The Russian violet is the only variety that has been grown for market here, and to tell the truth, the violet business at this point is still in its infancy. What its future may be, who can tell?

C. & C.

THE BANNER BLUE LIMITED.

The first trains ever built up to a Pullman standard for daylight service in this country have been placed in operation on the Wabash line between St. Louis and Chicago, leaving St. Louis at 11:00 a. m. and Chicago at 11:03 a. m. daily, making the run in seven hours, even time. They are known as the "Banner Blue Limited," and are the most costly day trains ever constructed. Each train will consist of four cars, a combination baggage car and smoker, a combination coach and chair car, a combination diner and buffet, and a combination parlor and observation car.

In the advertisement of the W. T. Buckley Co., last week, Asparagus plumosus nanus, 2¼-inch, was quoted at $20 per 100; $190 per 1000. They will gladly fill orders at just one-tenth those prices.

New London, Conn.—The first annual flower show of the New London-Groton Horticultural Society will be held here November 21. Exhibits may be sent to Louis H. Geiger, of Pratt & Geiger, who is secretary of the show committee.

CARNATIONS!

CHRYSANTHEMUMS, Roses, Beauties, Violets, Valley, and All Cut Flowers in season.

Smilax, Leucothoe, Galax, Sprengeri, Asparagus.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
30—36-inch stem	$3 00
24-inch stem	2 50
20-inch stem	2 00
16-inch stem	1 50
12-inch stem	1 00
Short stem ... per 100,	$3 00 to 5 00

	Per 100
Brides and Maids	$2 00 to $5 00
Meteors and Gates	2 00 to 5 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 8 00
Carnations, select, all colors	1 00 to 1 50
" large and fancy	2 00 to 3 00
Mums, large ... per doz.	$3 to $4
" medium, "	$1 50 to 2
Valley	2 00 to 4 00
Asparagus, per string, 35c to 50c.	
Asparagus Sprengeri	2 00 to 3 00
Ferns ... per 1000,	$1 25 — 15
Galax ... "	1 25 — 15
Leucothoe	75
Adiantum	75
Smilax ... per doz.	$1 50 — 10 00

Subject to change without notice.

Our reputation has always been that we fill orders when others fail.

REMEMBER YOU CAN'T BE A GAINER IN BUSINESS UNLESS YOU TAKE SOME CHANCE.

CARRY THE STOCK AND YOU WILL GET THE CUSTOMERS.

DURING OCTOBER ONLY.

$15 Worth of Wire Work for $10

Special extra discount of 10 per cent on above rate for orders of $25.00 net to us.

Wheat Sheaves during OCTOBER ONLY 25 per cent off.
Cycas, all sizes (catalogue prices), 33 1-3 per cent off.

The above offer is made on any catalogue issued in Chicago, our firm's or other's.

Best White Wax Paper, 24x36, Ream 400 count, $1.60 net.

KENNICOTT BROS. CO.

Wholesale Cut Flowers,

40, 42 and 44 Randolph Street, CHICAGO, ILL.

CHRYSANTHEMUMS!

A BIG CUT, ALL COLORS, AT ALL PRICES.

CURRENT PRICES, SUBJECT TO CHANGE.

AMERICAN BEAUTY.	Per doz.
30–36-inch stem	$2 50
24-inch stem	2 00
20-inch stem	1 50
16-inch stem	1 25
12-inch stem	1 00
Short stem	per 100, $3 00 to 4 00

ROSES.	Per 100
Brides and Maids	$2 00 to $6 00
Meteors and Gates	2 00 to 6 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 6 00
CARNATIONS—Good stock	1 00 to 1 50
" Large and fancy	2 00 to 3 00

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

Mention The Review when you write.

NEW YORK.

The Market.

The crisp, cool, seasonable weather with which the week opens betokens a revival in business, which is all the more welcome because so long delayed. Good stock of all kinds is in demand. Chrysanthemums are now in the windows of most of the stores making any pretense to interesting display and are growing in size and numbers every day. In another week they will reign again as queen. Orchids hold their values easily, the supply still being limited and the demand widening. There is every evidence of their being established as the fashionable flower of the society season. Dahlias and asters cannot stand the breath of winter and their glory has departed. Carnations maintain their average prices and the novelties are again on deck. Brides, Maids and Beauties of the medium and lower grades can still be had at bargain rates, the supply being enormous. Violets are improving and the shipments from now on will increase rapidly. Already the street merchants seem to have an abundance of them on every corner.

Various Notes.

The Stumpp & Walter Co. was relieved of a barrel of brass syringes last week, the thief securing them from the wharf. A reward of more value than the goods is offered for the capture of the rascal.

Several of the wholesalers have been adding to their floor space in evident anticipation of a strenuous season. In all the stores the annual refreshment has been completed. Mr. Langjahr has moved his office to the rear of his large floor and maintains his record for neatness and convenience. James McManus has built an office balcony that adds very materially to his room, made necessary by his growing trade, and Jos. Fenrich and Julius Lang have similar additions to their floor space that will be especially appreciated as the season advances.

J. F. Wilcox, of Council Bluffs, has had a busy week visiting the great rose and carnation centers in and around the city and the bon-ton flower stores. He left on Tuesday for home, via Philadelphia and Washington. Those who enjoyed the Omaha convention do not forget the happy experience afforded them by Mr. Wilcox in '98 and his welcome here was a cordial one.

The auctions are now in full blast, the audiences increasing in numbers and prices excellent. Elliott is disposing of Cypripedium insigne in this way very satisfactorily.

Harry Bunyard, with the Clucas & Boddington Co., reports a busy season, with an increased force of helpers and night work necessary to keep pace with the demand. Among late reports was one shipment of over 250 cases of azaleas.

Reed & Keller have some more inventions and novelties, among them a large red folding bell that will surely be popular. It's an off week when Mr. Reed does not evolve some supply novelty from his fertile brain. Their bronze wreath and ribbon on easel is another specialty that will appeal to many. Over 50,000 of their small folding bells have already been ordered.

John A. Scollay, of Brooklyn, reports among late achievements the installing of three of the largest Invincible boilers at Alex. J. Guttman's, Summit, N. J., where they will heat nine houses, a 200-foot rose house at Edward Eggert's and a 150-foot house at Weber's, Lynbrook, built and heated by the invincible Scollay.

Brooklyn now has three wholesale florists' houses and the "green goods" venture of Crawbuck & Wiles, at 370 Pearl street, so that the sister city has no fear of a famine in cut flowers and supplies of every kind this winter.

The ribbon houses seem to be particularly elated this fall. Lion & Wertheimer report a big demand for violet scarfs and the corduroy violet ribbon, while Schloss Bros. show their bow knot effects for violet corsage and other original creations with many new shades and patterns and both these firms assert the value of their extensive exhibits at the St. Louis convention.

J. K. Allen has been receiving some fine Enchantress lately and excellent Omega and yellow sport chrysanthemums. He has recovered his land legs and has resumed his early morning devotions, much the better for his journey over the sea. Miss Riley, the faithful keeper of the books, is again in harness after her well earned holiday.

On October 19 A. C. Scott, with Alex. McConnell, will be married to Miss Jennie C. Reynolds, of New Rochelle. Hearty congratulations are extended Mr. Scott by his many friends. Mr. McConnell is the uncle of the bridegroom and it is needless to say that the decorations will be elaborate.

Siebrecht & Son have added several large rose and palm houses to their immense plant at New Rochelle, have made extensive additions to their nursery grounds and with additions and improvements now under way will have one of the greatest horticultural establishments in the country. The space allotted to orchids has been greatly enlarged during the past year and several houses devoted to the Killarney rose attest the firm's faith in its beauty and popularity.

Henry Siebrecht, Jr., has lately purchased a fine property adjoining the conservatories. Mrs. H. Siebrecht, Sr., has fully recovered from her serious illness and the father of Mr. Siebrecht, a hale old gentleman of 87, is now residing with his son, making a quartette of Henry Siebrechts, each one of whom bids fair to round out a century.

J. Austin Shaw.

GRAND RAPIDS, MICH.

The West Michigan Fair was a great success. The floral exhibit was meager, the Grand Rapids Floral Co. and Crabb & Hunter being the only exhibitors. The premiums were passed round between the two. The amateurs made a very creditable showing.

The Grand Rapids Floral Co. had the decorations for the Herplesheimer dry goods store opening. Seven floors were decorated with asters and other outdoor flowers. Beauties and other roses were used in large quantities. It took seven loads of plants.

J. A. Creelman has torn down his greenhouses and assumed the management of Chas. Chadwick's flower store in the Loraine.

FANCY MUMS!

Yellow and White, strictly large and fancy, $3.00 to $4.00 per doz., also other smaller grades, $10.00 to $12.50 per 100.

Fancy Maids and Brides, $5.00 to $6.00 per 100.

A. L. RANDALL CO.

WHOLESALE FLORISTS

19 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

Miss Stover, daughter of N. B. Stover, of Granville, is in charge of Freyling & Mendall's store.

A Mr. Williams, of Atlanta, Ga., is in town and talks of opening a first class store.

Carnations are scarce and in great demand, while roses are in fair supply. Asters and dahlias have not yet been touched by frost. Coleus is cut down. Violets and mums are coming along nicely. G. F. C.

CATALOGUES RECEIVED.

Dingee & Conard Co., West Grove, Pa., bulbs and plants; Reasoner Bros., Oneco, Fla., plants; P. J. Berckmans Co., Augusta, Ga., nursery stock; Schlegel & Fottler Co., Boston, bulbs, plants, etc.; Cottage Gardens Co., Queens, N. Y., peonies.

OSKALOOSA, IA.—The Kemble Floral Co. has a splendid lot of mums which will be ready to cut in a few days.

NOBLESVILLE, IND.—Ross Farley is looking for room to put up another greenhouse. He has need of larger growing capacity.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Competent gardener, willing to come South, can find a good opening by writing So. Floral Nursery Co., Fruitdale, Ala.

WANTED—First-class plant man, one who thoroughly understands bedding and specimen plants for store trade; state wages and experience. Honaker the Florist, Lexington, Ky.

WANTED—To exchange gilt-edge real estate, valued at $5,500, for greenhouse property in good order. Address No. 37, care Florists' Review, Chicago.

WANTED—Good grower for carnations, roses, and general bedding; sober and reliable, and not afraid to work; steady place to the right man, and good wages; wanted at once. M. Helfrich, Washington C. H., O.

WANTED—To rent greenhouse, not more than 150 miles from Chicago; 3,000 to 5,000 feet glass; state terms. Address No. 42, care Florists' Review, Chicago.

WANTED—An experienced grower of roses, carnations, mums, and bedding plants; steady work for a steady worker; must be sober and reliable man; well recommended; north of Chicago. Address No. 38, care of Florists' Review, Chicago.

SITUATION WANTED—By an all-around florist; Hollander; 28 years of age, single, capable of taking care of small commercial place; state wages. Address No. 41, care Florists' Review, Chicago.

WANTED—Have good place for man who is good forcer of lilies and bulb stock, also to grow asparagus, etc.; single and sober; give references and state age and wages wanted. Address No. 40, care Florists' Review, Chicago.

FOR SALE, cheap; 40 boxes new Glass, 12x12; A double. Chicago. Address No. 39, care Florists' Review, Chicago.

FOR SALE—Having changed our heating plant to steam, we offer about 800 feet of first-class 2-inch wrought iron pipe, mostly bought by us new; is clean and free from flaws and rust holes; price, 5 cts. per foot; f. o. b. Cedar Falls. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR RENT—5,000 feet of glass with stock for $100; in a good factory town of 5,000; no competition; not able to do the work; come and see it. James R. Johnston, Dunkirk, Ind.

FOR SALE OR RENT—15 acres land; ten-room house, partly furnished if wanted; new barn, 30 x 36; one greenhouse, 100 x 22; one greenhouse, 200 x 22; set with cucumber plants just coming into bearing; large lot of celery, single violets, and carnations in field if wanted. Inquire of W. E. Allen, Leominster, Mass.

FOR SALE—Florist's ice chest, measuring 7 ft. high; 5 ft. wide; 25 inches deep; quarter sawed oak with double glass door 42 inches high; mirror back on inside. Address No. 36, Florists' Review, Chicago.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Competent night fireman; must be strictly temperate and industrious; wages $45 per month. J. W. Dunford, Clayton, Mo.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6,000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

FOR SALE—1,000 feet 4-in. cast pipe, 8c per foot; fittings at 15c each, f.o.b. Chase & Son, New London, Ohio.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, dwelling and 2½ acres; best location in state; home water system; coal 50 cents per ton. G. L. Tyler, Dubois, Pa.

FOR SALE—Or rent, greenhouse of 1,360 sq. ft. of glass and 11 acres of land; 5-room house and all outbuildings. Address Box 34, Rogers, Ohio.

FOR SALE—Owing to the death of the proprietor, the Lake Geneva greenhouses are offered for sale. For particulars address W. H. Hammersley, Lake Geneva, Wis.

WANTED—At country place (private), a man to milk cows and do work of garden and small greenhouse. Address with references and wages expected, Mrs. Crump Nitta Yuma, Miss.

FOR SALE—At a bargain: four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—A well-established, well-stocked, first-class retail florist store in the business center of one of the largest cities of the middle states; excellent patronage; handles the flowers of 100,000 sq. feet of glass. For full particulars address No. 27, care of Florists' Review, Chicago

FOR SALE—Four acres of land all planted with good salable nursery stock and 9000 feet of glass in good condition. Address G. Teufel, R. F. D. Portland, Ore.

SITUATION WANTED—By young man 28, with 12 years' experience, as florist and steam fitter and generally handy at anything; American born; 1½ years at last place; can furnish reference. Address No. 28, care Florists' Review, Chicago.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

Situation Wanted.

By an all around grower of cut flowers and florists' plants, position as foreman or manager on wholesale or retail place; over 20 years experience in all branches of the business; would accept a position as propagator on large place in vicinity of Chicago. Address

NO. 19,

Care Florists' Review, Chicago.

FOR SALE.

Our Greenhouses, planted in Chrysanthemums, Roses and Carnations, besides ferns and miscellaneous stock for propagating, flower pots, delivery wagon, horses, etc.; ground and residence and barn to be leased for ten years or more. The oldest and best established trade in our city of 25,000 people. Reason for selling; Father and Mother too old to carry their extensive retail store in this city, and I have to take charge. Immediate occupation given. Season open Oct. 20. Everything in fine shape. Cash or Credit. Address

A. A. PANTET, Ft. Smith, Ark.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25,900 square feet of glass from 50 to 60 degrees. For further particulars

Address **S. J. REUTER, WESTERLY, R. I.**



Freesia Bulbs!

	100	1000		100	1000
First Size, ⅝-in. and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " ¾-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE report from Germany is that cabbage will be a good crop, one of the best of the year.

LAWRENCE, KAN.—Barteldes & Co. report a loss of 4,000 to 5,000 bushels of onion sets by fire September 17.

THE directors of the Wholesale Seedsmen's League will have an important meeting at New York tomorrow, October 7.

W. W. BARNARD, Chicago, is on a visit to his stock farm at Le Roy, Ind., expecting the arrival of some fancy Hereford cattle and Percheron horses from the east.

MILLING and hand picking show the average lots of Alaska and extra early peas in better shape this year than last. The shrink on wrinkled varieties that have been handled so far is also lighter than usual.

A. LECOQ & Co., Darmstadt, Germany, say that Festuca elatior is of good quality and a large crop this season and advise that it be given special attention because of the reduction after three years of high prices.

REPORTS in general for the week show little change from a week ago. The weather has been seasonable and the standing crops have had nothing to retard any growth that would naturally be added to them during the time.

ARROYO GRANDE, CAL.—Routzahn Seed Co. reports that the recent heavy rains did little damage to the beans in that vicinity. Some damage was done in the Lompoc district, however, especially to Kentucky Wonder and other pole beans.

FAVORABLE reports from the east and the hopeful tone of the advices from Nebraska puts the cucumber seed situation in a better way. The shortage of this crop at the intermediate points may not be felt so much when the seed from all sections is gotten together.

NOTHING definite has been reported on the bean crop as yet. Threshing is under way in Michigan and some crops are ready to be delivered by the farmers. Harvesting is about finished and deliveries from the farmer to the warehouses, where milling and hand picking is done, will be in full swing by the end of the month.

Michell's Reliable Seeds

ASPARAGUS P. NANUS—90c per 100; $7.00 per 1000.
ASPARAGUS SPRENGERI—15c per 100; $1.00 per 1000.
CYCLAMEN GIGANTEUM—Michell's Fancy Strain; white, pink, red, white with eye, $1.00 per 100; $9.00 per 1000. Mixed colors, 90c per 100 seeds; $8.00 per 1000.
SMILAX—New Crop, 10c per trade packet; 30c per oz.; ¼ lb., $1.00; $3.00 per lb.
CINERARIA—Prize Dwarf, mixed, 60c per half trade pkt.; $1.00 per whole trade pkt. Medium Tall, 60c per half trade pkt.; $1.00 per whole trade pkt.

Let us quote prices on your Bulb order.

Henry F. Michell Co. 1018 Market St. **Philadelphia**

Mention The Review when you write.

FRANK E. RUE, manager of J. C. Murray's seed business at Peoria, Ill., is on an eastern trip, during which he will wed a young lady at his former home in Jersey City.

THE aster seed crop in Germany will be considerably below the average although late rains in the seed-growing district along the Elbe helped to some degree.

CATALOGUES IN BULK.

The consensus of opinion seems to be that the act of Congress which provides for the mailing of third class matter with currency payment instead of stamps affixed has been rendered inoperative by the amount of detail provided for in the order of the third assistant postmaster general putting the law into effect. Each of the requirements, save the one requiring that a permit be obtained from Washington, seems reasonable but in the aggregate the requirements are so great that the work involved fully counterbalances the single advantage gained. The requirements are all intended to lighten the work in the postoffice. Inquiry at the Chicago postoffice elicits the information that many large mail order houses have made inquiry as to the details of the plan but that only one application for a permit was the outcome.

GOVERNMENT CROP REPORT.

The temperature during the week ending October 3, has been generally favorable for maturing and harvesting late crops, although excessively warm in portions of Kansas and the southern states. Heavy to killing frosts, causing some damage, were reported from Wisconsin. Drought continues in the upper Ohio valley and moisture is needed in Oklahoma and South Dakota.

Corn has experienced another week of favorable conditions, but frost was injurious in Wisconsin, much was blown down and damaged in Illinois, and dry weather is needed in Iowa to prepare the crop for cribbing. Corn is practically safe in Nebraska; less than ten per cent is in danger from frost in central Indiana, Iowa, and South Dakota, 20 per cent in northern and central Illinois.

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.

French Paper Whites.
Well matured bulbs, 13 cms. in diameter.
Flowers large and white. Selling at $7.50 per 1000 in cases of about 1400 bulbs. $7.25 per 1000 for 5000 bulbs and over. Samples sent free.
HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.
Mention The Review when you write.

Now Ready for Delivery
LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.
W. W. RAWSON & CO., Seedsmen.
12-13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

LILY OF THE VALLEY
From cold storage, $1.50 per 100; $14.00 per 1000.
Headquarters for finest **CUT VALLEY.**
H. N. BRUNS,
1409 W. Madison St., CHICAGO.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

SUZUKI & IIDA

Chinese Sacred Lilies
Japan-Grown Callas

ON HAND NOW. PRICES ON APPLICATION.

31 BARCLAY STREET,
NEW YORK.

Mention The Review when you write.

Thorburn's Bulbs

JAPAN
Lilium Longiflorum
NOW ON HAND.
— ALSO —
LILIUM HARRISII and
ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.
Areca Lutescens....at $3.00 per 1000
Kentia Forsteriana at 3.50 "
Kentia Belmoreana at 4.00 "

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Palm Seeds!

We have just received a shipment of fine large seeds of Kentia Belmoreana we quote at the following low prices: 100 for 50c, 500 for $1.75, 1000 for $3.25, 2000 for $6.00. These seeds are strictly fresh. Send in a trial order. CASH. : : : : : : :

THE LIVINGSTON SEED CO.
COLUMBUS, OHIO.

Mention The Review when you write.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY.
Apply to
JULIUS HANSEN,
PINNEBERG, (Germany).

Mention The Review when you write.

Selected Narcissus Bulbs

FOR FORCING AND CUTTING

	Per 100	Per 1000
GIANT PRINCEPS—(Double nosed bulbs) fine forcer	$ .85	$7.50
POETICUS ORNATUS—Very early	.75	7.00
TRUMPET MAJOR—(Single Von Sion) golden yellow, splendid for forcing	1.00	9.00
INCOMPARABLE—Double, orange and yellow	.75	7.00
ALBA PLENA ODORATA—(Double white)	.75	6.00
POETICUS—Splendid for cutting	.50	4.00
VON SION DOUBLE—Selected, first size	1.40	13.00
VON SION DOUBLE—(Double nosed bulbs)	2.00	19.00
SINGLE MIXED NARCISSUS—For cutting or mixed borders	.75	6.00
DOUBLE MIXED NARCISSUS—" " " " "	.75	6.00
JONQUILS SINGLE—Very fragrant	.50	4.50

See our Bulb offer in last week's Review.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Garden Seeds and Sweet Corn.

THE EVERETT B. CLARK CO., MILFORD, CONN.

Have just harvested of excellent quality and offer:
TURNIP—Red Flat Strap, Red Top Globe and P. T. Rutabaga.
PARSNIP—Long Smooth, and Hollow Crown.
BEET—Crosby's Egyptian, Edmands Impd., and Dewings B.T.
ONION—Southport Yellow and Red Globe and Selected Y. G. D.

FALL PRICES ON SWEET CORN NOW READY.
☞ THE ABOVE IS ALL STRICTLY CONNECTICUT GROWN.

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Bamboo Plant Stakes,

Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.

5 feet and over, ¼ to ⅝ inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅝ inch..... " 3.25; " 6.00; " 11.00.

FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.

POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

Vegetable Forcing.

PARSLEY.

Where this very useful vegetable is made a specialty the plants will no doubt be well established in the benches, so that a supply can be had as soon as the outdoor crop is cut off by frost. Those who only grow parsley as a catch crop, or for filling in odd corners, may be depending on lifting plants from outdoors to fill up with and I would advise any such to get the plants in before hard freezing. Though they will stand quite a little frost, especially if protection is provided, still it is a check to the growth and satisfactory results are by no means certain after a severe check.

Parsley likes a fairly rich soil when grown under natural conditions, but under artificial conditions, such as winter forcing, a little caution should be exercised in this respect. Especially should the use of too fresh manure be guarded against, as it tends to make the soil heavy and retentive and the plants will not take so freely to it as they will to a lighfer soil. The soil should be such as to encourage the making of roots rather than the hastening of growth. When the plants have got a good hold and the bench is well filled with roots, liquid manure can be applied, or a top-dressing of well-enriched soil may be given when it is seen that the plants require it.

Though parsley is one of the easiest grown crops I know of, and with anything like fair treatment can be depended on to give fair returns, still a little special care and frequent stirring of the soil will amply repay the extra labor by materially increasing the yield. Watering should be carefully attended to and to have the plants clean and healthy it is very important that all decaying and yellow leaves should be kept picked off. Yellow leaves are only breeding places for insects and their presence imparts an untidy look.

The only insect pest that troubles parsley as a rule is greenfly. We have seen it attacked by red spider, but only when grown under unfavorable conditions or when the house is kept too dry and warm. The fly can be kept in check by tobacco, either by having the stems laid through the house or by occasional smokings. But smoke is apt to flavor the product somewhat for a day or two after it has been applied, so that care should be taken when smoking is to be done to have enough parsley pulled and set away in water in a cool cellar to last for a day or two until the smell of the smoke has worn off.

In old houses, or where the floor of the house forms the bed, snails are sometimes troublesome. These can be kept down by having slices of turnips or potatoes laid around to act as traps. The under side of the traps should be hollowed out so that when they get under they will stay, and by looking over the traps every morning and destroying those caught they may soon be thinned out.

W. S. Croydon.

Milwaukee, Wis.—Gene Oestreicher has returned to his home and proposes to start in business. He has been at Mt. Clemens, Mich., for some time, in the employ of James Taylor.

DENVER.

After a siege of dullness seldom experienced in Colorado we are now passing into a period of activity and the store man is carrying a more pleasant countenance and is more easily approached on topics relating to his business.

Asters, gladioli and dahlias, owing to frequent rains, have been exceptionally fine this year. The latter are still in their prime and many of them are used extensively. Mrs. Winters, a good semi-cactus white is one of the best and in floral work does not, like most dahlias, look stiff and formal. The fall aster, the Michaelmas daisy, and Clematis paniculata are now asserting their rights to recognition. Both are pretty and graceful and have proven their value in recent decorations executed here. In competitive table decorations at the state fair this fall we saw this character of daisy used in conjunction with pink roses and adiantum and the effect was very showy and agreeable. At the same place there was a mantel decoration in which the clematis took a prominent part, in connection with Beauties and palms. Perhaps there is not anything at this time of the year that is as economical and effective as the clematis. Its fine cut glossy foliage with a profusion of dainty white flowers makes it well adapted for party or wedding decorations. For a bridal canopy it is superb.

Chrysanthemums are now showing themselves and are pushing many of the outdoor flowers to the rear. Many dread their coming but all agree that they fill up a gap at this time that no other flower can do. The market here looks as if it might be overstocked this fall, for while the majority of the crop will be up to its usual good quality, indications point to a lot of inferior stock, which has an influence on prices where the market for good flowers is limited. The varieties now on the market are Pacific, Iolanthe and Bergmann, pink; Monrovia and Modesto, yellow; Lady Fitzwygram and Polly Rose, white.

Denver and Colorado Springs florists were well represented at the state fair held at Pueblo last week. They were very successful in their various entries. Prizes to the amount of $50 were awarded for table and mantel decorations and proportionate amounts in baskets, bouquets and other features. The successful competitors were: For mantel, first, Daniels & Fisher, of Denver; second, Colorado Springs Floral Co.; tables, first, Colorado Springs Floral Co., with a neatly arranged table of dendrobiums and adiantum; second, Daniels & Fisher, of Denver, using Chatenay roses, Shasta daisies and adiantum; third, Geo. Fleischer, of Pueblo, with centre-piece of Maids. Daniels & Fisher took first in basket and Geo. Fleischer second. Wm. Clark, of Colorado Springs, took first for bridal bouquet, with lilies of the valley, and second went to Fleischer for bouquet of Brides. Wm. R. Mauff, of Denver, took first in Beauties, Queen of Edgely and second on Liberty and Bride. Daniels & Fisher were first on Bride, Liberty and Maid and Grimes & Son, of Denver, took five firsts in five entries in carnations, principal among them being Enchantress, Lawson and Harlowarden.

Wm. Clark, of Colorado Springs, took most of the prizes in plants. The competition in the plant line was very weak. Several hundred dollars are appropriated annually from the funds of the state board of horticulture to encourage and sustain an interest in floriculture at the state fair, but although the exhibitors were more in number than last year, the floral hall was not as well filled as heretofore, principally because some of the larger firms of Denver failed to put in an appearance. Great Divide.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

H. Weber & Sons, Oakland, Md., submit for registration, Carnation My Maryland, previously known as Seedling No. 119, '01; parentage, Norway x Mrs. Thos. W. Lawson; flowers white, three and a half to four inches in diameter; stems strong, twelve to twenty-four inches long during season; constitution and general good habits much superior to either parent.

Wm. J. Stewart, Secy.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

Suckers from the budded roses must be kept off, else the stock will outgrow the bud and failure result.

Large, new plantings of shrubbery are to be made at Washington park, Chicago, during the next month.

L. R. Curtis, secretary, is expending $40,000 in construction work on Evergreen cemetery, Oklahoma City, Okla.

At Berkeley, Cal., R. E. Johnson is laying out a tract of 124 acres as a new cemetery. He was the engineer who laid out Cypress Lawn at San Francisco.

For a defensive hedge the osage orange is largely used in the south, but it is not reliably hardy north of central Illinois, where the honey locust begins to take its place.

The Spencer Seedless Apple Co., of Buffalo, N. Y., has been incorporated with $50,000 capital stock by G. L. Knight, W. P. Smith and C. P. Fell, to do a general nursery business.

The George M. Bacon Pecan Co., De Witt, Va., distributed a neat reprint from a pamphlet issued by city of Albany, Ga., in which the industry of pecan orcharding is presented in a most favorable light.

It is stated that largely through the efforts of Peter Bisset the United States Department of Agriculture has been induced to take steps to establish a test collection of peonies, co-operating with the S. A. F. peony committee.

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For Fall planting and Spring sales. Buy now, plants are more select in the Fall and prices lower than in Spring. If not planted now these hardy plants keep well heeled in the open ground and are ready in spring when wanted. **Roses** fine 2-year field-grown Gen'l. Jacq and other best H. P. 12c. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX long canes for forcing 20c. **Large-flowered Clematis** finest purple, white, lavender, pink, named 2-year 18c; 1-year 9c; extra 3-year 30c. Clematis Paniculata 2-year, strong 8c. **Ampelopsis** Veitchii 2-year 10c; second size 6c. Hydrangea P. G. strong and bushy 10c.; splendid tree shaped specimens 50c. **Golden Glow** strong 4c.; **Iris** finest Japanese and German 10c. **Hardy Phlox** finest named sorts 8c. **Peonies** best varieties 12c. **Hardy Shrubs** strong 2-year field grown, leading sorts, Altheas 10c. Deutzias 10c.; Japan Quince 8c.; Syringas 12c.; Spiraeas 10c.; Weigelias 10c; Cal. Privet extra strong 4c., etc., etc. Also Fruit and ornamental trees, etc., priced on application. Packing is free for cash, done in the best manner, and light as consistant with safety. No order accepted less than one dollar, unless for samples.

W. H. SALTER, ROCHESTER, N. Y.

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CALIFORNIA PRIVET.

Packing free.	Per 100	1000
50,000 3 years, 2½ to 3 feet	$3 00	$28.00
50,000 2 years, 3 to 4 feet	2.75	25.00
200,000 2 years, 2 to 3 feet	2 25	20.00
200 000 2 years, 20 to 24 inches	2.00	15.00
50,000 2 years 15 to 20 inches	1.75	12.00
400,000 1 year, 12 to 18 inches	1.00	8.00

Cuttings, February and March, 8-inch.... .75
200 Trees, 3 years, heads 4 to 5 feet.....20c each.

2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000

Palmetto and Barr's Mammoth 2-year..$3 00
Palmetto and Barr's Mammoth, 1-year.. 2.50

Write for Trade List. Remember, packing free on Fall Delivery.

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Abies Douglasii (Douglas Spruce),
Pinus Ponderosa (Yellow Pine),
Picea Engelmanni (Purple Spruce),
Silver Cedar,
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Juniperus Monsperma,
Also **Aquilegia Coerulea** (Rocky Mountain Columbine).

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NONE BETTER

	Per 1000
35,000—3-year, extra heavy, 4 to 4½ ft.	$35.00
20,000—3-year, cut back, heavy, 2½ to 3½ ft..	30 00
25,000—2-year, 2 to 2½ ft., strong	20.00
30,000—1-year, 12 to 18 inches	12.00

	Per 1000
10 000—Golden Elder, 3-year	$60.00
10 000—Euonymus, 1-year, 12 to 15 in. high	60.00
10 000—Box Edging, 3 to 4 inches high	50.00
1,500—Hydrangea Rosea, 1-year cuttings	60.00

EISELE'S HARDY, LARGE, FIELD-GROWN PERENNIALS.

NONE BETTER

	Per 100
Achillea The Pearl	$5.00
Achillea Rosea	4.00
Aquilegia	5 00
Santolina, large	6.00
Clematis, white, strong	6.00
Coreopsis Lanceolata	4.00
Dianthus Barbatus	5.00
Funkia Caerulea	4 00
Gaillardia Grandiflora	5.00
Helianthus Maximiliani	4.00

	Per 100
Delphinium, Formosum	$5.00
Hollyhocks, double, white, red, pink, yellow, 1 year	8 00
Hollyhocks, single, mixed	6.00
Golden Glow	3 00
Lychnis Haageana	5 00
Lychnis Chalcedonica	5 00
Monarda Rosea	5 00
Myosotis Palustris	3.00

	Per 100
Anthemis Tinctoria	$5 00
Heuchera Sanguinea	6 00
Stokesia Cyanea	5.00
Pyrethrum Roseum	5 00
Papaver Orientalis	5.00
Veronica Longifolia	8.00
Platycodon, blue	5.00
Digitalis Gloxinaeflora	6.00
Agrostemma Coronaria	5.00

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Rose, the tall-growing, heavy-blooming variety	6.00 per 100

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FOR PRICE LIST SEE Last week's Review, page 906. **JOSEPH HEACOCK, Wyncote, Pa.**

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CINCINNATI.

The Market.

While trade was nothing extra last week, still when one takes into consideration the hot weather, it was not so bad. A. Sunderbruch Sons reported a very good business all week, but some of the stores were not so fortunate. At present there is a first-class demand and all of the wholesale houses are sold out early in the day. The supply of stock, with the exception of the very best quality, is equal to the demand and there are but few orders that cannot be filled. Carnations are arriving in much larger quantities and some very good ones are to be had. Still there are not enough. The supply of Beauties is rather small, with the quality none too good. Brides, Maids, Gates, Ivory, Cusin, Kaiserin, Chatenay, MacArthur, Liberty and Meteors are all to be had in quantity, medium and short-stemmed being especially abundant.

Asters are few, but dahlias and gladioli are still to be had. Cosmos, too, is in and sells very well. Longiflorum lilies and valley sell well. The storemen seem to be afraid to tackle violets; a good cold snap is needed to make them bring a paying price. Mums are coming in larger numbers and sell well. Most of them are Bergmann, but some Glory of Pacific and Estelle are to be had and are good.

Various Notes.

Saturday night is the regular meeting of the Florists' Society and President Ben George requests all members to be present.

R. A. Murphy, of Delhi, has just completed a violet house. His stock is in very good shape, especially when you consider that he has been short of water nearly all summer and has been obliged on many occasions to haul it from the Ohio river, about a mile from his place.

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He has a house of Estelle mums that are fine and will be ready to cut in a few days.

Chas. Weltz, of Wilmington, has just returned from a three weeks' trip through California. He reports being much pleased with what he saw and having had a fine time.

George & Allan report very good trade. Their carnation plants are fine and already some good stock is being cut. Their early mums will soon be ready. This firm forces large quantities of valley and their stock is very fine.

R. Witterstaetter, accompanied by his wife and mother, is in St. Louis, visiting the Fair. L. H. Kyrk and wife are also doing the Pike.

T. W. Hardesty has moved in from his country home and is now comfortably situated in the Kentucky Highlands. This will make it much more convenient for him during the winter.

Howard Oates has returned from St. Louis, where he has been spending the summer.

C. J. Ohmer.

Crestline, O.—J. A. Rosengren, formerly of Cincinnati, has bought the Keystone Conservatories here.

TARRYTOWN, N. Y.

The monthly meeting of the Tarrytown Horticultural Society was held September 27, President Ballantyne presiding. I. G. Raw and E. Lumbey, of Irvington, and Hamilton Scott, of Yonkers, were elected active members. I. H. King, Irvington, was nominated for membership.

David MacFarlane was awarded Secretary Neubrand's prize for display of dahlias and Mr. Featherstone, gardener for Samuel Untermeyer, Yonkers, N. Y., was awarded Wm. Scott's prize for display of flowers and fruits cut from hardy shrubs. On account of the November show coming so soon after the October meeting, it was decided not to offer any prizes for exhibits at the next meeting.

David MacFarlane favored the members with a very instructive lecture on dahlias, which was very freely discussed by Jas. Scott, L. Martin, Jos. Mooney, J. Bradley and others.

L. Martin, gardener for C. H. Matheison, Irvington, N. Y., read a very interesting essay on late flowering shrubs.

T. A. L.

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30 to 36-inch stems	$3.00
24-inch stems	2.00
18-inch stems	1.50
12-inch stems	1.00
Short stems ... per 100,	$4.00 to 6.00

	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00
" " " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
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Philadelphia, Oct. 5.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
" " Extra	1.50 to 2.00
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	5.00 to 10.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Ideal	2.00 to 5.00
Golden Gate	2.00 to 5.00
Cattleyas	50.00
Dendrobium Formosum	40.00
Carnations, Common	1.00
" Fancy	1.50 to 2.00
" Novelties	3.00 to 4.00
Violets	.20 to .35
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Cosmos	50.00
Valley	2.00 to 4.00
Single Violets	.25 to .35
Double "	.50 to .75
Smilax	10 00 to 12.50
Yellow Daisies	.75 to 1.00
Chrysanthemums	per doz. 2.00 to 4.00
Dahlias, Ordinary	.75 to 1.50
" Fancy	3.00 to 5.00

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"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 5.00
Brides and Maids,	Specials	3.00 to 5.00
" "	Extra	1.50 to 2.00
" "	No. 1	.75 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.25 to .50
" Selects		.75 to 1.00
" Fancies		1.00 to 1.50
" Novelties		2.00 to 5.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri ... per bunch,		6.00 to 10.00
Asters		.50 to 1.50
Dahlias		.50 to 2.00
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Lilies		5.00 to 8.00
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A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter. Whitestone, N. Y.

Quaint and curious Japanese plants on hand for shipment all the year around. Telephone Connection.

Mention The Review when you write.

HIGH-GRADE Southern Wild Smilax

And Florists' Hardy Decorative Supplies.

PRICES RIGHT.

Special facilities for handling large orders.

Write, Wire or Phone.

E. A. BEAVEN, Evergreen, Ala.

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GALAX -- On Trial

We stand all the risk on trial order. No first-class florist can afford to go without these beautiful leaves. They will keep for weeks. Write us for particulars. Satisfaction guaranteed.

C. W. BURLESON & SON,

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CRAWBUCK & WILES,

Wholesale Dealers in

Florists' Evergreens

370 Pearl St., BROOKLYN, N. Y.

H. R. CRAWBUCK. Telephone Connection. E. W. WILES.

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(Where Quality is First Consideration.)

Write, Wire or Phone the Introducers.

CALDWELL THE WOODSMAN CO.,

EVERGREEN, ALA.

☞ NEW CROP Southern Wild Smilax now ready in limited quantities.

Mention The Review when you write.

GALAX LEAVES.

Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.

Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.

L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. **New York**

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GALAX--GALAX--GALAX

Galax—Bronze or Green	$1.00	per 1000
Ferns—Dagger or Fancy	.75	"
Ivy Leaves—English	5.00	"
Sphagnum Moss	.60	bbl. sack

Wire Designs, Letters, Tin Foil, etc.

H. L. MENAND, 34 WILLIAM STREET, ALBANY, N. Y. L. D. Telephones.

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Wholesale Cut Flower Prices.

Boston, Oct. 3.

	Per 100
Beauties, Long stems	$25.00
" 24-inch "	18.00
" 15-inch "	12.00
" 12-inch "	$5.00 to 6.00
Bridesmaids, Specials	8.00 to 10.00
" Firsts	2.00 to 5.00
Brides, Specials	8.00 to 10.00
" Firsts	2.00 to 4.00
Carnots	6.00 to 8.00
Liberty	5.00 to 8.00
Kaiserin, Firsts	8.00 to 10.00
" Seconds	4.00 to 5.00
Ivory	6.00 to 8.00
Carnations, Select	2.00 to 2.50
" Fancy	3.00 to 4.00
Chrysanthemums, good, per doz.	1.50 to
" fancy, "	2.00 to 2.50
Violets, Single	.50
Easter Lilies, per doz.	1.50
Gladioli, "	1.00 to 1.50
Asparagus, Strings	.50
" Sprays, per bunch,	.50
Ferns, per 1,000, $1.00	15
Adiantum Cuneatum	1.00
" Tenerum	3.00 to 4.00
Sprengeri	.25 to 1.50
Smilax, per doz.	1.50
Lily of the Valley, per 100,	4.00 to 5.00

Buffalo, Oct. 4.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 8.00
Orchids—Cattleyas	25.00 to 35.00
Carnations	1.00 to 2.50
Chrysanthemums	15.00 to 30.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.30 to .60

I WOULD rather miss a turkey dinner than miss one issue of the REVIEW.—J. E. CONNOR, Coatesville, Pa.

National Florists' Board of Trade

NEW MANAGEMENT. Tel. Call, 655 John.

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Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



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Green and Bronze Galax Leaves,

75c. per 1000.

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Wholesale and Retail Dealers in all kinds of



EVERGREENS



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55 West 28th Street, Bet. 6th Ave. and Broadway, New York City.

Leucothoe Sprays, Holly, Princess Pine.

☞ October 1st we move to our new and commodious premises,

45 WEST 29TH STREET.

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ROSES High Grade cut blooms at all times

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MILWAUKEE, -- WIS.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

Chicago, Oct. 5.

		Per doz.
Beauties, Long stems		$3.00 to $4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
Shorts	per 100, $4.00 to $5.00	
		Per 100
Bridesmaids, Specials		$4.00 to $6.00
" Firsts		2.00 to 3.00
Brides, Specials		4.00 to 6.00
" Firsts		2.00 to 3.00
Liberty, Specials		5.00 to 6.00
" Firsts		2.00 to 4.00
Golden Gate, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Kaiserin, Firsts		6.00 to 8.00
" Seconds		3.00 to 5.00
Meteor, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Ivory, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Perles, Firsts		4.00 to 5.00
" Seconds		2.00 to 3.00
Chatenay		3.00 to 6.00
Carnations, Select		1.00 to 1.50
" Fancy		2.00 to 3.00
Chrysanthemums, good	per doz.	1.50 to 2.00
" fancy	"	3.00 to 4.00
Violets		.20 to 1.50
Shasta Daisies		.50 to 1.00
Tuberoses		3.00 to 6.00
Easter Lilies	per doz.	1.50
Gladioli		1.00 to 3.00
Dahlias		1.00 to 2.00
Asparagus, Strings		35.00 to 50.00
" Sprays	per bunch,	.25 to .35
Ferns	per 1,000, $1.25	.15
Adiantum Cuneatum		.75 to 1.00
" Croweanum		1.50
Sprengeri	"	.25 to .35
Smilax	per doz.	1.50

"The Review has been a welcome visitor the past year; it is very instructive, just what every florist ought to have."
—S. M. Wyatt, Watseka, Ill.

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A Daily Cut from 40 Growers

"Highest Qualities" as well as "Under Grades" at ruling market quotations

We can and will supply your Cut Flower wants to advantage.

We carry the

Most Complete Line of FLORISTS' SUPPLIES IN THE WEST.

CATALOGUE FREE

Headquarters for HARDY FERNS.

E. F. WINTERSON CO.

Established 1891

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SUCCESSOR TO

BRANT & NOE FLORAL COMPANY

58-60 Wabash Ave. CHICAGO.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

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THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., CHICAGO.

STANDING ORDERS SOLICITED.

Chas. W. McKellar,

WHOLESALE COMMISSION FLORIST,

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ALL Florists' Supplies,

51 Wabash Ave., CHICAGO.

Long Distance Phone Central 3598.



ORCHIDS A Specialty

Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.

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SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

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Wholesale Growers of.. Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

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Write for special quotations on large orders.

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PLANTS. All the Best Varieties of

PALMS AND FERNS from Philadelphia's Leading Growers at LOWEST MARKET PRICES.

Come and see the samples or send us your orders, large or small, and we will fill them promptly and carefully.

CUT FLOWERS.

VALLEY—Very fine stock in quantity.

BEAUTIES,

We have more of them and they are finer than can be found elsewhere in the city.

DAHLIAS, A grand collection of showy flowers—none better.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

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Wholesale Cut Flower Prices.

St. Louis, Oct. 5.

	Per doz.
Beauties, Specials	$3.00 to $4.00
" Extra	1.50 to 2.00
" No. 1	.75 to 1.00
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	4.00 to 6.00
Meteor	4.00 to 6.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum Cuneatum	1.00 to 1.25
" Farleyense	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.55
Asters	.75 to 2.00
Gladiolus	2.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	3.00 to 4.00
Violets	.25 to .35
Dahlias	2.00 to 4.00

Pittsburg, Oct. 5.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.00 to 15.00
" No. 1	8.00 to 10.00
" Shorts	5.00
Brides and Maids	2.00 to 6.00
Cusin	2.00 to 4.00
Kaiserin	2.00 to 10.00
Liberty	3.00 to 6.00
Mme. Chatenay	2.00 to 5.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Chrysanthemums	15.00 to 25.00
Lily of the Valley	4.00
Violets	.50 to .75

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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Why Don't You? Go see THE FLOWER GROWERS' MARKET, 60 Wabash Avenue, CHICAGO, or address—

PERCY JONES, Manager.

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Cut Flowers and Florists' Supplies

ROSES, CARNATIONS, MUMS AND VIOLETS ARE NOW ARRIVING.

Special Attention to Shipping Orders.

If you are in the market to buy or sell write or wire

128 E. Third St., CINCINNATI, OHIO.

Telephone M 980. Night Messages W 1191 R.

WIRE WORK of all Kinds for Florists.

Mention The Review when you write.

C. E. Critchell,

Wholesale Commission Florist,

36 EAST THIRD STREET, CINCINNATI, OHIO.

All orders promptly filled in best possible manner. Consignments Solicited.

Prompt and liberal returns on all consignments.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

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316 Walnut Street, CINCINNATI, OHIO.

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H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

Cincinnati, Oct. 5.

	Per 100
Beauties, Extra	$15.00 to $25.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids, Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gate	2.00 to 4.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Meteor	2.00 to 4.00
Perle and Sunrise	2.00 to 3.00
Carnations, Common	.50
" Selects	.75 to 1.00
" Fancies	1.50 to 2.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Asters	.25 to 2.00
Dahlias	2.00 to 4.00
Gladiolus	2.00 to 3.00
Lilium Longiflorum	8.00 to 12.50
Smilax	10.00 to 12.50
Lily of the Valley	3.00 to 4.00
Chrysanthemums	10.00 to 15.00
Violets	.35 to .50
Cosmos, bunch	.15 to .25

Milwaukee, Oct. 5.

	Per 100
Beauties, Extra	$25.00
" No. 1	$10.00 to 18.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid, No. 1	5.00
" " No. 2	4.00
Golden Gate	4.00 to 5.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 8.00
Mme. Chatenay	4.00 to 5.00
Meteors	4.00 to 6.00
Carnations	1.50 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 3.00
" Sprengeri "	3.00 to 4.00
Asters	1.00
Lily of the Valley	3.00 to 4.00
Smilax	12.00 to 15.00

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

Solicits your orders with confidence that he can serve you to your entire satisfaction.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

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WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. **CLEVELAND, OHIO.**

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

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Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

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Florists' Review

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4326-28 Olive Street, **St. Louis, Mo.**

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. **NEW YORK CITY.**

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

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SEASON

..IS NOW..

At HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Alexander McConnell

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Cor. 45th St., N. W.

NEW YORK, CITY.

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Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.

will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, **OMAHA, NEB.**

M. A. BOWE,

1294 Broadway, **New York City.**

J. J. BENEKE,

1220 Olive Street, **ST. LOUIS, MO.**

Always mention the Florists' Review when writing advertisers.

Ribbons are essential to flower decorations for October weddings. And, the ribbons ought to be distinctive. The RIGHT RIBBONS will give them this touch.

Richness of tone (as if touched by nature) and high qualities are blended combinations in Right Ribbons, woven especially for Florists' use.

They cost no more than inferior ribbons, for they come direct to you from our mill. "All between profits cut out."

The Pine Tree Silk Mills Company
Philadelphia

Write for samples of our SPECIAL WHITE for weddings; also other colors. All widths, narrow and wide.

MONARCH—Satin Taffeta—CLIMAX.
CONQUEROR—Metallique Taffeta—CYCLONE.

OFFICE AND SALESROOMS:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

Mention The Review when you write.



NEW CROP SOUTHERN WILD SMILAX, best quality, 25-lb. case, $3.50; 50-lb. case, $7.

DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

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ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS.
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.

WRITE FOR NEW CATALOGUE.

Mention The Review when you write.

L. BAUMANN & CO.

IMPORTERS AND MANUFACTURERS OF

Florists' Supplies

76-78 Wabash Ave., CHICAGO.

Write for our new catalogue F, our prices may interest you.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DETROIT.

Trade was up to the usual summer level but was rather later than usual starting up this fall, for there was little doing up to the end of September. Now, however, things are traveling at a fair pace. Stock is generally in good shape and abundant, except Beauties for which we have to go to outside markets for the larger part of our supply. We have as good tea roses, carnations, mums and violets as are to be had anywhere. This has been a particularly good season for carnations and all the growers have their plants in fine shape.

The Michigan Cut Flower Exchange is rapidly getting its new store into shape and Mr. Dilger will soon have the best equipped wholesale cut flower store to be found anywhere in the country. It is in a deep, cool, airy basement built expressly for this use, with storage room under the sidewalk for ferns, wild smilax, etc. The store is several times as large as the old place.

The building so long occupied by John Breitmeyer's Sons is to be torn down and replaced by a handsome business block. During the rebuilding operations the store will be located in the new building, on the street floor, just over the Michigan Cut Flower Exchange, only a few doors from the present location. When the new building is finished the Breitmeyers will have one of the handsomest stores in the country, up-to-date in every respect but without conservatory facilities.

There is also talk of building a business block on the site of B. Schroeter's store in which they, too, would lose their conservatory. If the owner consummates his plan for improving the property Mr. Schroeter may seek a location on Woodward avenue. He has a big store opening decoration on this week.

The property in the rear of J. F. Sullivan's store is torn up by the building operations of the new heating company, causing him considerable inconvenience.

George A. Rackham and his bride are receiving many congratulations. One of the Beard brothers was recently married and there is rumor of a third member of the craft soon to embark on matrimonial seas.

Hugo Schroeter returned Monday from a few days' trip to Chicago.

JACKSON, TENN.—Owing to the recent death of Gustav Klingenspor, Mrs. Klingenspor is discontinuing the business.

REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

Established 1881.

C. S. FORD,

1417 COLUMBIA AVE., PHILADELPHIA, PA.
LETTERING and
NOVELTIES IN IMMORTELLES, etc.
Representing A. Herrmann, Siebrecht & Son, L. H. Foster, D. B. Long.
CORRESPONDENCE SOLICITED.
Mention The Review when you write.

PACIFIC COAST.

Elsewhere in this issue will be found an illustrated note on the E. J. Vawter carnation fields at Ocean Park, Cal.

HANDLING BULBS.

As a rule the people who buy assortments of hardy flowering bulbs from our florists and nurserymen do not succeed in keeping them over in good flowering condition longer than the first season. As this is the time of the year in which to plant bulbs for spring flowers, a few words of advice to retailers might not be amiss. Every florist has had plenty of experience with customers who come around each season and complain that the daffodils and hyacinths they bought have entirely disappeared from the ground and they will have to purchase the same lot over again if they want any flowers. Very often they dig up the remains of the bulbs, now reduced to about one-quarter of their natural size, and want to know what is the reason that they cannot keep their bulbous plants so they will have a succession of flowers yearly.

These people almost invariably plant their narcissi, tulips, daffodils or hyacinths in the vicinity of other garden plants. As we do not have summer rains in California and it is necessary to artificially water flowering plants and shrubs continuously through the dry season, the bulbs get too much water. They, more than almost any other garden flower, must have a good resting spell if well ripened, plump bulbs are to be had for replanting for another year. Even under these unnatural conditions hyacinths and tulips make an effort to flower the second year but after that they only show a few green leaves that generally disappear entirely after the third season.

If the public would learn to plant bulbs of almost every variety in beds by themselves and give them no water at all, but instead, give the soil a good spading after they are through blooming, there would be no trouble in preserving each variety.

I have grown as fine daffodil, tulip, hyacinth and narcissus bulbs as any I have seen imported without giving them a drop of water in the summer or fall. I transplant hyacinths and tulips every three years and daffodils and narcissi every four years. It is very beneficial to dig between the rows once or twice a season, as this does not allow the ground to dry out as quickly as it would otherwise.

With gladioli, callas, irises and snowdrops it makes very little difference where they are planted, as they want some moisture during their flowering season, which is much later than that of the others I have mentioned. With ranunculus, anemones, jonquils and crocus, water must also be used very sparingly as the bulbs will disappear completely.

G.

SAN FRANCISCO.

The Market.

During the past week the greater portion of the Pacific coast has had an unprecedented deluge for the month of September. About five inches of rain fell in three days. Many thousands of dollars damage has been done to the fruit and seed growers and the farmers as well. From reports I hear from the chrysanthemum growers they suffered very little loss as the flowers are not yet opened enough to spoil under a heavy rain. The asters are entirely gone and sweet peas with them. Carnations are not plentiful and roses are between seasons. We are waiting patiently for outdoor mums to become cheap for then the troubles of the florist to get stock enough are over for a few months. Although business has been only fair for the past two weeks it has been quite a task to keep our windows well filled since the aster season is over. We have plenty of indoor mums, however, quite up to the standard in size and color. Valley is plentiful and sells wholesale at 60 cents per dozen. Lilium album and rubrum are about over.

Various Notes.

I called on several of the larger growers in the neighborhood of Fruitvale during the past week and found that the majority have finished changing the stock in their greenhouses. There are but few rose growers in that section but some of the finest carnations marketed here are from there. The growers are planting largely to Estelle and Lawson. The stock generally looks very well. The three large houses of A. Galloway are especially worthy of mention. Mr. Galloway grows nothing but carnations.

E. Gill, the Oakland florist, is on a three weeks' trip to Oregon and Washington.

The Cox Seed Co. has a very large and varied assortment of new varieties of dahlias in bloom on their grounds at Glen Echo.

Miss Charlotte Williams, the decorator, has had a busy month. She reports several large decorations for October.

D. Greuttner, the Vallejo florist and nurseryman, was in town this week.

John Young, of the Dwight Way nurseries, Berkeley, is cutting large quantities of Brides and Maids. He has twenty houses planted to roses and his stock is in excellent condition.

G.

Please discontinue my advertisement of peonies as the plants are all sold; the Review is O. K.—Harvey B. Snow, Camden, N. Y.

"Let the Review come right along; there is a dollar's worth for me in many an issue."—J. E. Johnston, Springdale, Conn.

Toronto, Ont.—J. H. Palin states that he intends to go out of business.

Rockford, Ill.—Edward Dempsey & Co. are getting ready for a busy season at the W. S. Hizer plant, which they recently purchased. A house 20x150 feet is being built and a new boiler will shortly be installed.

100,000 Carnation Rooted Cuttings

NOW READY.

	Per 100	Per 1000		Per 100	Per 1000
Lawson, pink	$1.00	$10.00	Golden Beauty, yellow	$1.00	$10.00
Mrs. Joost, pink	1.00	10.00	Harlowarden, crimson	1.00	10.00
Queen Louise, white	1.00	10.00	Norway, white	1.00	10.00
Wolcott, white	1.00	10.00	White Cloud, white	1.00	10.00
G. H. Crane, scarlet	1.00	10.00	Flora Hill, white	1.00	10.00
Estelle, scarlet	1.00	10.00	Genevieve Lord, light pink	1.00	10.00
Prosperity, fancy	1.00	10.00	Viola Allen, variegated	1.00	10.00

CASH or C. O. D., with privilege of examining. Express prepaid at above prices.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

Boston Ferns

Nice, clean stock, from 2½-inch pots, $5.00 per 100; 3-inch pots, $8.00 per 100.

Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at $15.00, $20.00 and $25.00 per 100.

Araucaria Excelsa,

5-in. pots, 3 to 4 tiers, 50c each or $5.00 per doz.

Ocean Park Floral Co.

E. J. VAWTER, President. **Ocean Park, Cal.**

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

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REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

Mention The Review when you write.

50,000
EXTRA FINE, CLEAN,
FIELD-GROWN

CARNATION PLANTS

While they last these will be shipped at the following low prices:

	Per 100	1000
Lawson, pink	$5 00	$45 00
Guardian Angel, pink	3 00	27 50
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 00	27 50
Queen Louise, white	4 00	35 00

George Reinberg
51 WABASH AVENUE,
CHICAGO.

Mention The Review when you write.

Carnations, 75,000 Field-Grown

This stock is very fine, large, clean, healthy; free from stem-rot or disease of any kind. Inspection invited.

	Per 100	Per 1000		Per 100	Per 1000
ROOSEVELT	$6 00	$50.00	TRIUMPH	$5.00	$40.00
HARRY FENN	6.00	50 00	FLORA HILL	5.00	40.00
GOV. WOLCOTT	6.00	50.00	PERU	4.00	35.00
CRANE	6.00	50.00	Guardian Angel	3.00	25.00
LAWSON	5.00	40.00	PROSPERITY	6.00	50.00

Satisfactory references required, otherwise shipments are sent C.O.D.

J. A. BUDLONG, 37 and 39 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

TO CLOSE OUT.

Field-Grown Carnation Plants.

We offer the following at $40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. **Chicago.**

Mention The Review when you write.

CARNATION PLANTS,

Field-grown, FINE, HEALTHY stock. No stem-rot.

		Per 100	Per 1,000
10 000	Lawson	$5.00	$45.00
10,000	White Cloud	5.00	45.00
1,500	Nelson	5.00	45 00
7,000	Prosperity	5.00	45.00
1,000	Glacier	5.00	45.00
600	Norway	5.00	45.00
300	Adonis	5.00	45.00
450	Fair Maid	5.00	45.00
500	Floriana	5.00	45.00
800	Dorothy	5.00	45.00
250	Elma	5.00	45.00
100	Gaiety	5.00	45.00
350	Mrs. Bradt	5.00	45.00
150	J. H. Manley	5.00	45 00
250	Harry Fenn	5 00	45.00
150	Pres. McKinley	5.00	45 00
350	Boston Market	5 00	45.00
350	Gov. Wolcott	5.00	45.00
	G. H. Crane	4.50	40 00
	Gen. Gomez	4.50	40 00
	Gen. Maceo	4.50	40.00

Ferns Piersoni, 2½-in., $8.00 per 100; Boston Ferns, 2½-in., $5.00 per 100; 3-in, $8.00 per 100; 4-in., $15.00 per 100. Ready to be shifted.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

CARNATIONS, FIELD-GROWN PLANTS.

We have had an ideal growing season. Our stock is extra fine and healthy, ready for immediate shipment.

	Per 100	1000
New Daybreak, grand stock, very profitable	$12.00	$100.00
Reliance	12.00	.....
Genevieve Lord, extra size	8.00	.....
" " fine, 1st size	6.00	50.00
Enchantress, fine, 2nd size	6.00	50 00
Norway	6.00	.....
Prosperity fine, 2d size	5.00	.....
Gov. Lowndes	6.00	50.00
Enquirer, extra size	6 00	.....
Harlowarden, fine, 2d size	6.00	.....
Pres. McKinley, extra size	6.00	.....
Fragrance, extra size	6.00	.....
Lillian Pond	5.00	..
Sybil	5.00	40.00
Mrs. Roosevelt	5.00	.....
Adonis, fine, 2d size	6.00	.....
Gov. Wolcott, small, healthy plants	4.00	.. ..

Varieties priced per 100 one cent less per plant on any order amounting to 500 plants or over, any varieties. Stock going rapidly. Order quick.

H. WEBER & SONS, - OAKLAND, MD.

FIELD-GROWN CARNATIONS!

Fine, Healthy Plants.
WHILE THEY LAST.

	Per 100	Per 1000
Flora Hill	$3.50	$30.00
White Cloud	4 00	35 00
Peru	4.00	35.00
Lawson	4.00	35.00
America	3 50	30.00
Higinbotham	3.50	30.00
Lillian Pond	3.50	....
Prosperity	3.50	....
Genevieve Lord	3.50	....
Joost	4 00	35.00
Guardian Angel	3.50	30.00

VAUGHAN & SPERRY,
58-60 Wabash Ave., **CHICAGO.**

A BARGAIN!

1200 NORWAY, white	}	At
300 POTTER PALMER, red	}	$35.00

300 PRINCESS OF WALES VIOLETS, field-grown, at $6.00.

I guarantee these plants to give satisfaction and be equal to the best offered in the market.

JOSEPH LABO,
Cor. Raynor and Mason Aves., JOLIET, ILL.

Mention The Review when you write.

Carnation Plants.

ETHEL CROCKER — Large first size plants, per 100, $4.50; per 1000, $40.00.

ELDORADO — Large first size plants, per 100, $4.50; per 1000, $40.00.

MRS. JOOST — Second size plants, short and bushy, per 100, $3.00; per 1000, $25.00.

SMILAX PLANTS,

2-inch, strong and bushy, $8.00 per 1000.

Lakeview Rose Gardens
JAMESTOWN, N. Y.

Mention The Review when you write.

CARNATIONS

Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

Fred Burki

is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA.
S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

Pansy Plants.

Large flowering, 60c per 100; $2.50 per 1000. CASH.

JOS. H. CUNNINGHAM, DELAWARE, O,

Mention The Review when you write.

IT'S SO CONVENIENT.

PROCTOR, VT.

We find the FUMIGATING POWDER extremely easy and convenient to use and very effectual in destroying greenfly.

LEIGH HUNT.

See page 991

Always Mention the.... **Florists' Review** When Writing Advertisers.

NEWPORT, R. I.

Some very interesting and meritorious exhibits were noted at the recent show of the Newport Horticultural Society, September 20-22. James Garthly, gardener to H. H. Rogers, secured a silver medal for Begonia grandiflora erecta cristata, which he exhibited at Boston earlier in the summer. This promises to be a useful plant; the flowers were of a fine pink color and fimbriated. The group of Nephrolepis Scottii, from John Scott, was much admired. It received a silver medal, against a certificate of merit awarded at the June show. Dreer's exhibit of nymphæas was extra fine. The handsome new pale blue Pennsylvania, with flowers a foot across, received a silver medal. This is one of the finest nymphæas we have ever seen. It is not yet in commerce, but is the very finest of the Zanzibariensis type.

Andrew Pow, gardener to Mrs. Cornelius Vanderbilt, staged a charming group of the brilliant scarlet Nerine Fothergilli major, which was awarded a bronze medal. The plants showed excellent culture. Special commendation is due to the first prize group of foliage plants from Andrew S. Meikle, gardener to Mrs. W. S. Wells; his plants were finely grown. W. G. Postinop, gardener to Mrs. Winthrop Chandler, secured the silver medal offered for the best new seedling dahlia. It was named in honor of his employer.

Gardenias are especial favorites at Newport and are always well shown. Those from Mrs. C. Vanderbilt, Perry Belmont and Mrs. Wm. Astor were extra good. N. F. Burt's winning collection of cactus dahlias was very fine and included a beautiful selection.

The classes provided for table decorations on the second day were well competed for. They were judged by Mrs. Lorillard Spencer, Miss Anna F. Hunter and Mrs. Hamilton Fish Webster. Mrs. J. R. Drexel's special prizes for best table decoration of dahlias went to Joseph Gibson, gardener to James Stillman, who used Vloker, a bright yellow variety, and Oscar Schultz, who used Progenitor, dark red. For the best decoration of out-door flowers and foliage, exclusive of roses and dahlias, Gibson Bros. won by using Salvia splendens to good effect. Oscar Schultz, who was second, used Lilium speciosum roseum with Clematis paniculata. The exhibit of fruit was poor but vegetables were very good. The judges were William Anderson, South Lancaster, Mass., John Scott and Warren Spaulding.

VISITOR.

TORONTO.

The Market.

Trade during the last few weeks has been very good, and the great scarcity of flowers has made it appear as though we were extra busy. Considerable funeral work has helped to increase the demand for white flowers, while we note numerous large weddings, and other decorations. Dahlies have been plentiful, but outside of that cut flowers have been decidedly short.

Various Notes.

Dunlop's King street store has received its finishing touch from the hands of the decorators and it is certainly very artistic.

A new store has been opened by F. Bakewell, son-in-law of F. C. Miller, of Bracondale, and has been fitted up with all the latest ideas in flower store equipment and, although it is located on College street, some distance from the downtown section, it should control a considerable portion of the best trade, as Mr. Bakewell informs us that he intends to handle only first-class stock.

D. J.

Cattleya Trianae == **IMPORTED PLANTS.**

JUST ARRIVED FROM THE TROPICS IN **Splendid Condition.**

WRITE FOR SPECIAL PRICE STATING QUANTITY YOU CAN USE.

SEEDS, BULBS AND PLANTS.

Arthur T. Boddington, 342 West 14th St. **New York**

Mention The Review when you write.

At the sign of the JACK ROSE

Specially Selected

JAPAN LILIUM LONGIFLORUM

True "Early Multiflorum."

The most profitable lily for Easter Culture. **SUPERIOR to Harrisii** because of its comparative freedom from disease.

We have a limited number of both **7 to 9-inch and 9 to 10-inch bulbs.** Prices upon application.

We also have a good line of all **DUTCH BULBS.** It will be worth your while to get our list before buying elsewhere.

E. F. Winterson Co.

45-47-49 Wabash Ave.,

CHICAGO.

FIELD-GROWN

CARNATIONS

EXTRA STRONG, HEALTHY PLANTS

	100	1000
Eldorado	$5.00	$40.00
Queen	6.00	50.00
Boston Market	6.00	50 00
Fair Maid	6.00	50.00
Harlowarden	5.00	40.00
Enchantress	6.00	

Backer & Co., Billerica, Mass.

1500 JOOST,
1000 CROCKER

CARNATION PLANTS.

Fine stock. **Will sell cheap** to close them out.

RICHARD COOMBS, West Hartford, Conn.

Carnation Plants!

Cheap for Cash.

Fine, Healthy, Field Grown Plants.

$3.00 per 100; $25.00 per 1000.

3000 Flora Hill,
1000 Norway,
1000 Maceo.

Satisfaction Guaranteed.

C. E. Critchell,

WHOLESALE FLORIST,

36 East Third Street,

CINCINNATI, O.

Mention The Review when you write.

CARNATIONS

The United States Cut Flower Co. has a surplus of fine, stocky, high-land grown stock, free from rust and stem-rot, consisting of the following varieties:—

LAWSON, ENCHANTRESS, CROCKER, JOOST, APOLLO, HARLOWARDEN, M. FIELD, ELDORADO and PROSPERITY.

Small orders receive the same care and attention as large. Let us figure on your wants. Satisfaction guaranteed.

United States Cut Flower Co.,

ELMIRA, N. Y.

Mention The Review when you write.

LAST CALL FOR

CARNATIONS.

FLORA HILL, DAYBREAK PERFECTION, MORNING GLORY, MARQUIS, GOMEZ, LILLIAN POND, PROSPERITY, AMERICA.

$3.50 per 100; $30.00 per 1000.

Above and ten other varieties, mixed, $2.50 per 100; $20.00 per 1000.

W. H. WATSON, Lapeer, Mich.

Mention The Review when you write.

BEGONIAS.

10 unnamed varieties in 4 and 5 in. pots, fine bushy plants in bloom that retail at 25c., price $10.00 per 100. Cash.

G. W. RENARD & BRO., Avondale, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Bride	$10.00	....
Queen Louise	6.00	50.00
Flora Hill	5.00	45.00

White:	Per 100	1000
McGowan	$4.00	$35.00
Pink		
Fair Maid	6.00	....
Pres. McKinley	6.00	....
Alpine Glow	6.00	....

Pink	Per 100	1000
Dean	$5 00	$40.00
Melba	5.00	40.00
Joost	5.00	40.00
Scott	4.00	....
Morning Glory	5.00	....

Miscellaneous;	Per 100	1000
Portia	$4.00	....
Prosperity	6.00	$50.00
Mrs. Bradt	6.00	...

Well grown, large, bushy plants free from all disease
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

I HAVE 50,000

Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10 00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson, pink	6.00
Enchantress, pink	10.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6 00
Adonis, red	10.00
Estelle, red	7.00
Bradt, variegated	6.00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Pious, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,
61st and Market Sts., PHILADELPHIA, PA.
Mention The Review when you write.

STRONG and HEALTHY

CARNATIONS, Field-Grown.

GOV. WOLCOTT	per 100, $5.00
BOSTON MARKET, ex. fine plants,	" 5.00
LAWSON	" 5.00
ELMA	" 5.00
GOODENOUGH	" 5.00
MACEO	" 5.00

Also a few thousand seedling

BERBERIS THUNBERGII and ROSA LUCIDA.

Write for prices.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.
Mention The Review when you write.

No. 1 FIELD-GROWN CARNATION PLANTS

Queen Louise	$4.00 per 100;	$35.00 per 1000
Enchantress	7.00 "	65.00 "
Norway	4.00 "	35.00 "
Prosperity	5.00 "	40.00 "

W. E. HALL, - CLYDE, OHIO.
Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Mrs. Fisher in white; **Guardian Angel** in pink; **Crane** in red; all at $5.00 per 100.

—WRITE—

GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Mrs. E. A. Nelson	pink	6c
Enchantress	light pink	10c	Floriana	pink	5c
Chicago	red	6c	Ethel Crocker	pink	5c
Flora Hill		6c	Eldorado	yellow	5c
Lorna		6c	Oriole	scarlet	5c
Harry Fenn		6c	Mermaid	pink	5c
Wm. Scott		5c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

Field-Grown

Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
HIGINBOTHAM	4.50	40.00
LAWSON	6.00	.....

ROSE PLANTS.

	Per 1000
3½-in. **Gates and Brides**, fine stock	$30.00
2½-in. **Maids**, fine stock	20.00
2½-in. **Stevia**	18.00
2½ in. **Mums**	18.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.
Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $5.00; Estelle, $5.00; Alba, $5.00; Enchantress, $6.00; Lawson, $5.00; Queen Louise, $4.00; Manley, $4.00; Lord, $4.00; Lorna $4.00; Glacier, $4.00; America, $4 00; Joost, $4.00; Red Wave, $4.00; Gomez, $4.00; Marquis, $4.00; Mermaid, $4.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.

Mention The Review when you write.

CARNATION PLANTS

Extra strong and healthy.

Don't wait and buy culls or left-overs. Buy now and get your money back before the other fellow wakes up.

	Per 100		Per 100
Louise	$6.00	Nelson	$5.00
Market	6.00	Joost	5.00
McGowan	4 00	Estelle	8.00
Lord	6.00	Ad. Cervera	5.00
Maid	8.00	Prosperity	5.00

FRANK H. KIMBERLY,
Townsend Ave., NEW HAVEN, CONN.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
NORWAY	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red;		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
ESTELLE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.
Mention The Review when you write.

CARNATIONS As good as the best

Lawson, Louise, White Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c. **Princess of Wales Violet Plants**—Large clumps, 5c. **Asparagus Sprengeri**—From 2c to 6c. **Roses**—Gates, Ivory and Brides, 2c.

W. W. COLES, Kokomo, Ind.
Mention The Review when you write.

PITTSBURG.

The Market.

The past week has given us a taste of some of the good things expected this season. Trade has had a healthy growth for two weeks, and this, with some very large funeral orders, has used up all the available stock, so that we can safely report a very satisfactory week.

The death of H. W. Williams, the proprietor of the leading variety theatre, made a boom in funeral work Saturday and Sunday. There were about thirty large designs, ranging from $10 to $75 each, the largest display of handsome designs seen here in years. While all the florists had a portion of this work, E. C. Ludwig certainly had the lion's share.

An Opening.

E. C. Ludwig opened his new store on East Diamond street, Allegheny, last Thursday. The store is certainly a credit to the city; it is finished all in white, and the furniture of green oak. The counters are all heavy marble tops and movable tables. In the rear he has a conservatory the width of the store, about twenty feet, heated with one of Lord & Burnham's hot water boilers. The total depth of store and conservatory is about 100 feet. As souvenirs he had flower pots made with his name stamped on them and filled with small seedling palms or ferns; he gave away several thousand of these, and as the crowd continued to come in he fell back on flowers and was still handing them out to crowds of visitors at 10 p. m. The craft congratulate Ernest on this, another evidence of his energy.

Various Notes.

J. K. Hutchinson, who has been doing landscape gardening in Sewickley, will open a cut flower store next Thursday and, as he is well known in that section, which is the suburban home of the most fashionable set about Pittsburg, we predict for him a successful future.

The Pittsburg Cut Flower Co. were pushing chrysanthemums, Beauties, and good violets last week. The violets were very fine for this season.

A. W. Smith has been showing some fine pink mums, Glory of Pacific, the past week. He reports fall business as looking even better than last year.

There is much complaint about the way our custom house assesses duty on bulbs, charging about the same for the cheaper bulbs as for the best grades. It seems almost impossible for some of the smaller importers to get the necessary information from them, how to get their goods, which causes a great deal of loss of time and some profanity.

L. I. Neff's is the only store in Pittsburg making a good display of bulbs; in fact, the only store in this city handling a complete line of bulbs and seeds in a retail way, as well as plants and cut flowers. W. C. Beckert, Allegheny, makes a specialty of flower and vegetable seeds and bulbs, wholesale and retail.

Jos. Thomas, of Greensburg, Pa., who has been in the business as a plantsman for some years, is about to open a store and take up the cut flower end of the business. He is a hustler and never fails in anything he undertakes.

For the past few years the trade has been making a feature of bells for Christmas made of sawdust, immortelles and paper; it remained for Mr. Elverson, the pot man, to ring in a clay one, and it is now on sale, very pretty, painted a bright red with a gold edge.

Some of the visitors last week were Geo. Schomer, Connellsville, Pa.; Barton Bros., Uniontown, Pa.; W. M. Cromack, Irwin, Pa.; W. A. Herbert, Wellsville, Ohio.

Hoo-Hoo.

Pittsburg, Pa.—The Pittsburg Cut Flower Co. is sending out a very neat set of advertising blotters.

West Allis, Wis.—Archie Despeaux is an amateur who has built greenhouses and is gradually getting into the professional line.

Mt. Clemens, Mich.—A. Von Boeselager, the successful young grower, was recently married in Detroit. His bride was Miss Mary Noeker.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $18.00
Strong, 3-inch.....per 100, 3.00 per 1000, 28.00

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pot, $20 per 1000;...	$2.50
Sprengeri, 2¼-in. pots	2.00
Pierson Fern.....	10.00
Pansy Plants... .....$2.50 per 1000..	.60

ASPARAGUS PLUMOSUS NANUS SEED, new crop, $4.00 per 1000; 2000 seeds for $7.00.

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

MUM

time will soon be here. Keep in touch with us on NOVELTIES.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

THE THING AND PERFECTION.

Concord, N. H.

I desire to say that the Fumigating Powder works perfectly satisfactory. I consider it the best thing I have ever used for exterminating the greenfly or black aphis. W. M. COLBY.

See page 991

10,000 Field-Grown **Carnations**

Clean and stocky plants. Queen Louise, Flora Hill, Marquis, Uncle Walter and Peachblow, $5.00 per 100; $45.00 per 1000. Lawson, Wolcott and Roosevelt. $6.00 per 100; $55.00 per 1000.

ASPARAGUS Sprengeri, 4-in., strong, $6.00 per 100.

Butz Brothers, New Castle, Pa.

Mention The Review when you write.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues Our Specialty. Get our figures.

83-91 Plymouth Place, CHICAGO.

Mention The Review when you write.

A Rare Opportunity

To secure the following stock. Guaranteed first class. We need the room.

10,000 ASPARAGUS PLUMOSUS NANUS, strongly rooted plants from 2¼-inch pots, $2.00 per 100; $19.00 per 1000.

8,000 ASP. SPRENGERI, nice plants, from 2¼-in. pots, $1.25 per 100; $12.00 per 1000.

800 CARNATION PROSPERITY, strong plants, from the field, $3.00 per 100.

1,000 GERANIUMS J. VIAUD, good plants from 2¼-inch pots, $1.25 per 100 or the lot for $10.00.

—CASH—

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

JUST TO HAND,
FINE IMPORTATION OF

Cattleya Percivaliana

85 per cent leaved bulbs.

Write for samples and prices at once.

JULIUS ROEHRS,

Importer and Grower of Orchids,

Exotic Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

DRACAENA INDIVISA,

Strong, field-grown plants,
3-inch, $4.00 per 100; 4-inch, $6.00; 5-inch, $8.00.
Shipped from Lancaster, Pa.

S. S. SKIDELSKY,

824 N. 24th Street, PHILADELPHIA.

Mention The Review when you write.

VIOLETS

A 1 stock from 3-inch pots, also field grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Sweet Alyssum—for winter blooming, 2-inch, 3c.

Plumosus Nanus—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

BEGONIAS 10 unnamed varieties in 4 and 5-in. pots, fine bushy plants in bloom that retail at 25c., price $10.00 per 100.

—CASH—

G. W. RENARD & BRO., Avondale, Pa.

Mention The Review when you write.

DREER FERN SPECIALS.



CIBOTIUM SCHIEDEI.

We offer a nice line of this most valuable Tree Fern.

6-inch pots.....$1.50 each
7-inch pots.....2.00 each

ADIANTUM CROWEANUM.

The new Maidenhair for cutting, originator's stock. Strong, 3-inch pots, $1.50 per doz.; $35.00 per 100; $250.00 per 1000.

NEPHROLEPIS SCOTTII.

The new Boston Fern that has come to stay.

3-inch pots.....$4.00 per doz.; $25.00 per 100
6-inch pots, fine specimens.....$2.00 each
8-inch pans, fine specimens.....3.50 each
10-inch pans, fine specimens.....5.00 each

NEPHROLEPIS PIERSONI.

A fine lot of good young plants from 2¼-inch pots, 75c per doz.; $6.00 per 100; $50 00 per 1000.

NEPHROLEPIS BOSTONIENSIS.

Very dwarf, bushy, compact plants, the best that we have ever offered.

6-inch pots.....40 cents
7-inch pots.....75 cents
Also a fine lot of 2¼-inch pots.....60c per doz.; $4.00 per 100; $35.00 per 1000

ADIANTUM CUNEATUM.

An immense stock in fine condition.

2¼-inch pots	$ 3 00 per 100	$ 25.00 per 1000
3 -inch pots	6 00 per 100	50.00 per 1000
4 -inch pots	10.00 per 100	90.00 per 1000
5 -inch pots	15.00 per 100	140 00 per 1000

DISH FERNS in large assortment of standard varieties, $3.00 per 100; $25.00 per 1000.

New Stocks of Flower Seeds now on hand, including Pansies, Primulas, Myosotis, Daisies, Cinerarias and most of the Hardy Perennials.

SEE OUR CURRENT WHOLESALE PRICE LIST.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

ZIRNGIEBEL Giant Pansies

Giant Market and Fancy Strains.

Seed of the above well known varieties at $1.00 each trade packet. Also plants at $5.00 per 1000. Fancy strain at $10.00 per 1000.

DENYS ZIRNGIEBEL, Needham, Mass.

Mention The Review when you write.

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande, Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

AN ESPECIAL FINE LOT OF

PLUMOSUS AND SPRENGERI

In all sized pots

A few Primula Obconica left.

—WRITE—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

SAFE THING; DON'T INJURE.

WESTERLY, R. I.

I have used the FUMIGATING KIND of Tobacco Powder for several years, with the best of results. I find this to be a safe thing to use in fumigating, as it does not injure the buds as formerly when we used Tobacco Stems.

S. J. REUTER.

See page 991

Mention The Review when you write.

GREENHOUSE PLANTS

2¼-in. stock. Not less than 5 of any 1 variety sold.

Dahlia Roots. We are booking orders now for Fall delivery. Our list will compare favorably with any general commercial collection in the country. List and prices sent on application.

GERANIUMS. Those named below are ready now.

S. A. Nutt, Mme. Landry, Alph. Ricard, Mme. Charrotte, M. Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, Dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacqueri, Gloire de France and Mme. Barney, $2 00 per 100; $17.50 per 1000. Write us for prices and varieties for fall delivery.

	Per doz.	Per 100
Hardy English Ivy, large and small leaved variety.....per 1000, $15.00, 40c		$1.00
Hibiscus, 5 varieties.....		1.00
Lemon Verbena.....per 1000, $20.00, 50c		2.50
Lantanas, 10 varieties, per 1000, $17.50, 40c		2.00
Maranta Messangeana.....	75c	4.00
Plumbago, Blue and White, 3-inch...		3.00
Smilax.....per 1000, $15.00,		2.00
Swainsona Alba.....	40c	2.00
Swainsona Rosea.....	40c	2.00

CASH WITH ORDER.

R. Vincent, Jr. & Son, - White Marsh, Md.

Mention The Review when you write.

PALMS.

Dracaena Terminalis, Nephrolepis Piersoni

And other DECORATIVE PLANTS.

GRAND STOCK.

LEMUEL BALL, Wissinoming, Philadelphia, Pa.

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.

Hydrangeas, field grown, 2-year-old, with four to eight flower buds; fine for next Easter; $3.50 per dozen.

Stevia, 4 in. pots, $5.00 per 100.

Smilax, 2½ in. pots, $1.75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. Dorchester, Mass.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.

Plumosus, 2½-in., $3.00 per 100.

Violets, Marie Louise, strong field-grown plants, $4.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

	Per 100
ASPARAGUS SPRENGERI, Good healthy stock, 2¼-in pots.....	$2.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in.....	2.50
SMILAX PLANTS, strong bushy stock, in 2½-in. pots.....per 1000.	15.00

Boston Ferns, both 5 and 6-in., 25c and 35c each.

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 3-in., $3 00 per 100; 4-in., $6.00 per 100.

Boston Ferns, from bench, large plants, ready for 6-in. pots, $15.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

Always mention the Florists' Review when writing advertisers.

BOULDER, COLO.

Every effort is being put forth for a big business in this city the coming season. Mrs. Jane M. Johnson has made several additions to her already very complete greenhouses, added a new violet house and raised the roof to others and put in new benches. All her houses are well filled and the stock is looking fine. She has one of the best florists in Colorado in charge of her houses and should do a thriving business.

Ed Hubbard, the pioneer florist of this place, has quit raising flowers and gone into the vegetable business. He has two houses 20x100 for that purpose. Mr. Knudson, who has been raising vegetables for some years, has quit that and has his houses filled with roses and carnations. Each claims to have been making money, but says there is more money in the other line, so "you pay your money and take your choice."

The McKinzie houses, on Twelfth street, are in charge of F. A. Haenselman, a florist from Denver, and this is his first season.

C. P. Waldron has two houses on North Twelfth street and things are looking well with him. He has been here for years and has a well established trade.

The Cannon Company is under the management of John Porter, George B. Cannon having retired from the business. The greenhouses are located at Lafayette, twelve miles from Boulder, with a retail store at Boulder.

The people of Boulder are very liberal in buying flowers, plants, etc., and we hope there may be enough business for everyone. Rex.

Grand Rapids, Mich.—Chas. Chadwick has opened a flower store in the Loraine.

Whitehall, Mich.—Thomas Denham has sold the Whitehall Floral Co. to W. E. Pew, who will continue the business.

Ferns - Xmas Peppers.

	Each	100
Pierson Ferns, 5-in.	$0.35	
" " 6-in.	.50	
" " 8-in.	1.50	
Selaginellas, 4-in.		$6.00
Xmas Peppers full of fruit, 6-in., doz.	2.00	
Jerusalem Cherries Dwarf, 4-in.		5.00
" " " 5-in.		10.00
" " " 6-in.		15.00
Primroses, 4 in.		6.00
Pelargoniums mixed, 3-in.		3.00
Asparagus Plumosus, 3-in		5.00

Pansies, Forget-me-nots and Bellis Perennis strong plants, per 1000, $3.00.

J. S. BLOOM, Riegelsville, Pa.

Mention The Review when you write.

VIOLETS

Marie Louise, field-grown	per 100,	$5.00
" " pot-grown 3-inch	"	3.00
Asparagus Plumosus, 2½-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

Mention The Review when you write.

Lettuce Plants.

Grand Rapids, $1.25, per 1,000

PARSLEY

Extra Double Curled, $1.25 per 1,000

S. J. PERRY,

LOCK BOX 33 Grand Rapids, Mich.

Mention The Review when you write.

Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.	per 100,	$8.00
Lilium Harrisii, 7-9-in.	"	8.00
Lilium Candidum, 22 cms.	"	4.50
Calla Ethiopica, 1⅜ to 1⅝ in.	"	6.00
Hyacinths—Roman White, 12-15 cms	per 1000,	26.00
Hyacinths—Single Dutch, named colors	"	26.00
Narcissus—Paper White Grandiflora, 13 cms. and up	per 1000,	9.00
Narcissus—Von Sion, select.	"	12.00
Asparagus Plumosus Robustus	per 100,	4.00
Asparagus Plumosus	"	3.00
Asparagus Sprengeri	"	2.50
Pteris Tremula	per 100,	$2.50
Pteris Argyrea	"	2.50

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes, 2½-inch pots, 6-8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8 00 per 100.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquiniæflora, grand for winter pot plants. 3-inch, $8.00 per 100. 4-in., $12.00 per 100.

Poinsettia, young fresh stock, just right for pans, 2½-in., $5.00 per 100.

Latania Borbonica—

24-in., 5 to 7 leaves, 7-in. pot	$1.00	each.
28-in., 6 to 8 leaves, 8-in. pot	1.50	"
28 to 30-in., 7 to 9 lvs., 10-in. pot,	2.50	"

Cycas Revoluta, 8 to 10 leaves. .75 "
" " 10 to 12 " 1.00 "
" " 12 to 15 " 1.50 "

Deutzia Gracilis, for potting, 12 to 15 inch, $6.00 per 100; 15 to 18 inch, $8.00 per 100

Deutzia Lemoinei, grand for pots, 15 to 18 inch, $8.00 per 100; 18 to 24 inch, $10.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.



PRIMULA BUTTERCUP.

PRIMROSES.

BUTTERCUP (New)—

A free flowering yellow Primrose, coming into full bloom for Thanksgiving and Christmas trade and continues covered with bloom during winter and spring. Give the same treatment as the Chinese Primrose. It makes a fine house plant and a sure seller for holiday trade.

Strong plants from 3 inch pots **$1.50** per doz.; **$10.00** per 100.

CHINESE PRIMROSES—

From the very best European strains. Have always given satisfaction with these. From 2¼-inch pots, ready for a shift, in white, light pink, blue and bright red, **$3.00** per 100.

PRIMULA FORBESII—

(Baby Primrose.) Fine, bushy plants of this valuable Primula, from 2¼ inch pots, **$2.50** per 100.

Send for Fall List offering other seasonable stock.

Nathan Smith & Son,

ADRIAN, MICH.

Mention The Review when you write.

FIVE YEARS OF ECONOMY.

Freeport, L. I.

I have used your Fumigating Powder for fumigating the last five years, and find it does efficient work and does it economically.

CHAS. LENKER.

See page 991

Asparagus Plumosus

2-inch	$3 00	per 100;	$25.00 per 1000
3-inch	8.00	"	70.00 "

CASH WITH ORDER PLEASE.

Anyone in need of five or ten thousand 2-inch write for prices.

IDLEWILD GREENHOUSES, Memphis, Tenn.

337 Main Street.

Mention The Review when you write.

—— WRITE ——

JOHN F. RUPP,

THE HOME OF PRIMROSES,

SHIREMANSTOWN, PA.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.



TO-BAK-INE

(LIQUID FORM.)

A Concentrated Solution of Pure Nicotine.

The most powerful insecticide known, for vaporizing or spraying.

TO-BAK-INE LIQUID is the article for us; it does the work effectively without injuring the most sensative blooms and is easily applied.—John Breitmeyer's Sons, Mt. Clemens, Mich.

TO-BAK-INE LIQUID is the stuff for Thrips, Spider, or any such stubborn pests.—A. F. J. Baur, Indianapolis.

Quarter Pint Can	$0.60	Pint Can	$ 2.00
Half Pint Can	1.10	Gallon Can	15.00

(The cost is nominal considering the results obtained.)

Send for our booklet "**WORDS OF WISDOM**" by leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

Boston Ferns,

Ready for 6 to 7-inch pots, **$25** per 100.

HYDRANGEA OTAKSA,
6 to 8 flowering crowns,
$9 per 100; **$80** per 1000.

Crimson Rambler Roses,
1 year old, **$8** per 100.

Send for Sample.

OZONE PARK NURSERIES,
OZONE PARK, L. I., N. Y.

Mention The Review when you write.

500 Asparagus Plumosus Nanus
200 SMILAX—That is Smilax

MAKE ME AN OFFER.

WILLIAM CLARK,
COLORADO SPRINGS, COLO.

Mention The Review when you write.

An extra fine lot of Piersoni Ferns

In 4-inch pots, ready for a shift, to be closed out this week at $15.00 per 100; 6-inch stock at $50.00 per 100.

All sizes of BOSTONS from 2½ to 10-inch.

Write—**GEO. A. KUHL, Pekin, Ill.**

Mention The Review when you write.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Very heavy 4-in. pot plants, ready for 6-in. pots, $12 per doz.; $75 per 100; 25 at 100 rate. Strong transplanted runners from the bench or 2¼-in. pots, $4 per doz.; $25 per 100; $200 per 1000. Strong 6-in. pot plants, $2 each; 8-in. pans, $3.50 each; 10-in. pans, $5 each.

JOHN SCOTT,
Keap Street Greenhouses, **BROOKLYN, N. Y.**

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St. CHICAGO.

BOSTON FERNS. GREAT BARGAIN IN CHOICE STOCK.

Fine 4-in. plants at $12.00 per 100; 5-in., $20.00; 6-in., $35.00. These special prices to reduce a large stock. In finest condition for fall sales.

Field-grown Asparagus Sprengeri, in fine condition to pot or plant, superior to pot-grown, at these low prices:—Strong plants for 3-in. pots, $5.00; for 4-in., $7.00 per 100. Heavy roots, very profitable for cutting from.

We have 5000 extra fine Joost Carnations, field-grown, to close out at the low price of $4.00 per 100; **$35.00 per 1000.** They are big value.

Brides Maids, Perles, Gates and Ivory Roses, strong, 3-in., $4.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Geraniums — TO MAKE ROOM

400 S. A. Nutt in 4-in. pots at $4.00 per 100. Am ready to fill orders for rooted cuttings of the following varieties:—S. A. Nutt, La Favorite, A. H. Trego, Jean Viaud, Perkins, Poitevine and Ricard. Rooted Cuttings a specialty. Everything shipped prepaid.

Chas. Gay, Ingersoll Ave. Greenhouse, **Des Moines, Iowa**

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CHICAGO, ILL.

We have used both of your grades of Tobacco Powder and find each answers the purpose and does the work better than any other article we have ever used.

BASSETT & WASHBURN.

See page 991

Orchid Peat and Leaf Mold

AT BOTTOM PRICES.

Write for prices. Sample on application.

Charles Wage, Ohioville, N. Y.

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Orchid Peat and Leaf Mold

F. J. SCOTT, Loyd, N. Y.

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We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6-in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12.00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made-up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus nanus—3-inch, strong, $6.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-inch specimens, 75c.

Piersoni Ferns—5, 5½ to 6-inch, 30c, 40c to 50c.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—5½-in. pots, strong, 35c; 6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—For dishes, $1.00 per doz.

Primula Chinensis for Xmas blooming. Rupp's best strain, 4-in., $8.00 per 100.

Cash with order, please. All goods shipped at purchaser's risk.

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ABUTILONS.

Abutilon Savitzii, extra large, well leaved, 2-in., 5c each. Cash.
Mayer & Son, Willowstreet, Pa.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

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Adiantum Farleyense, 2½-in. pots, strong, $15.00 per 100; 4-in., fine plants, $35.00 per 100. J. A. Peterson, Westwood, Cincinnati, O.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ALTERNANTHERAS.

Alternantheras, red and yellow, 40c per 100, $3.50 per 1000. Will exchange for asparagus, cinerarias or primroses.
Victor H. Thomas, Box 82, Augusta, Ky.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

500 extra strong sweet allyssum, $2.00 per 100. Park Side Greenhouses, 746 E. 70th St., Chicago.

Alyssum dbl. giant, rooted cuttings, 75c 100.
J. H. Rainsbury, Bernardsville, N. J.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 10c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus Sprengeri from bench, ready for 3-inch pots, almost equal to 3-inch pot plants, $2.00 per 100; $15.00 per 1000. Send P. O. order on Little River. Send for catalogue out next month. Soar Bros., Little River, Fla.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 100. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 100. Cash with order. John Brod, Niles Center, Ill.

10,000 Asparagus plumosus nanus, 2¼-in. pots, $2.00 100; $19.00 1000. 8000 Asparagus Sprengeri, 2¼-in. pots, $1.25 100; $12.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $18.00 1000; 3-in., $3.00 100; $28.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000; 3-in., $8.00 100; $70.00 1000. Cash.
Idlewild Greenhouses, 337 Main St., Memphis, Tenn.

Asparagus plumosus nanus, 2½-in., $2.50 per 100; $22.50 per 1000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, extra large, bushy plants, from 3-inch pots, $5.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

An especial fine lot of plumosus and Sprengeri in all size pots. Write
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 100, $20.00 1000. Cash.
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Field-grown Asparagus Sprengeri, 3-in. pots, $5.00; 4-in., $7.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, extra strong and bushy, 2¼-in., $2.50 per 100.
Williams Floral Co., Bedford, Ind.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

500 Asparagus plumosus nanus. Make me an offer. William Clark, Colorado Springs, Colo.

600 Asparagus plumosus, 4-inch, $10.00 100, cash. C. S. Chase, Box 16, Dighton, Mass.

Asparagus plumosus, strong, 2-in., $2.50 per 100. White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus Sprengeri, strong 4-in., $4.00 per 100. Van Aken Bros., Coldwater, Mich.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
A. Mirring, East St. Louis, Ill.

Asparagus Sprengeri, 4-in., strong, $6.00 100.
Butz Bros., New Castle, Pa.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus, 2-in., $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
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Asparagus plumosus, 3-in., $5.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus Sprengeri from 2c to 6c.
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Aspidistras, green, 4-in., $1.50 doz.; 5-in., $2.50; var., 4-in., $3.00; 5-in., $5.00
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BEGONIA GLOIRE DE LORRAINE. Per Doz.
5-inch pots, very strong stuff.....$ 6.00
6-inch pots, extra heavy plants 9.00
7-inch pots, specimens 12.00
8-inch pots, specimens 18.00
4-inch pots, only a few hundred left, $30.00 per 100.
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Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
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Begonias, 10 unnamed varieties in 4 and 5-in. pots, fine bushy plants in bloom that retail at 25c; $10.00 100. Cash.
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Begonia Gloire de Lorraine, 2-in. pots, $15.00 100; $140.00 1000; 3-in., $20.00 100.
Cottage Gardens Co., Queens, L. I., N. Y.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
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Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Rex begonias, 2-in., $2.00 100. Cash or C. O. D. Dann & Son, Westfield, N. Y.

Rex begonias, 2¼-in., $3.00 per 100.
W. H. Parsil, Summit, N. J.

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Jerusalem cherries, dwarf, large berried, strong, bushy, 4-in., 25 to 50 berries; strong 5-in., specimen plants, 50 to 100 berries to plant, $8.00 and $15.00 per 100; 6-in., $3.00 per doz. Cash.
Wm. S. Herzog, Morris Plains, N.J.

Christmas peppers, full of fruit, 6-in., $2.00 doz. Jerusalem cherries, 4-in., $5.00 100; 5-in., $10.00 100; 6-in., $15.00 100.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, 3-inch, 75c doz., $5.00 per 100. Xmas (celestial) peppers, 3-in., 75c, $5.00 per 100. Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Xmas peppers, 3-in., fine, $5.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Celestial peppers, 6-in. pots, $3.00 doz.
Mrs. Chas. Duntze, 1989 Madison Ave., Memphis, Tenn.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

	100	1000
NARCISSUS paper white grandifl., 13 cms. up, 1400 to case, $12.00	$1.00	$8.75
Von Sion mammoth dbl. nose	2.00	19.00
" " very large select	1.50	13.00
" " good flowering, strong	1.25	10.00
HYACINTHS, white Roman—		
11x13 cms	2.50	23.00
12x15 cms	2.75	26.00
Dutch finest named, 1st size	6.50	60.00
" " " 2d "	5.00	45.00
" fancy grade, 17 cms	3.50	33.00
" 15 cms., sep. colors	2.75	25.00
CALLA Ethiopica, 3x5 inch	3.00	25.00
" " 4x6 "	5.00	45.00
" " 5x7 "	7.50	70.00
GLADIOLI Colvillei alba (The Bride), pure white	.70	6.00
Rosy red	.65	5.50
FREESIA refracta alba—		
⅜-½ 5000, $12.50	.30	2.75
½-¾ 5000, $20.00	.60	4.50
OXALIS grande Duchesse—		
5,000, $25.00	.75	6.00
HARRISII LILIES, Semper Idem—		
5x7, 400 to case, $10.00	3.00	
6x7, 300 to case, 10.00	4.00	
7x9, 200 to case, 12.00	6.50	
LILIUM CANDIDUM, 18-22 cms	4.50	40.00
CHINESE SACRED LILY—		
Basket 30 bulbs, $1.50; mat of 4 baskets, 120 bulbs, $4.50.		
LILIUM LONGIFLORUM, 7-9 inch 20 at 100 rate; 200 at 1000 rate.	4.00	35.00

H. H. Berger & Co., 47 Barclay St., N. Y.

Narcissus bulbs, selected, for forcing and cutting.

	100	1000
Giant princeps, dbl. nosed	$ .85	$7.50
Poeticus ornatus, very early	.75	7.00
Trumpet major, golden yellow	1.00	9.00
Incomparable, dbl., orange, yellow.	.75	7.00
Alba plena ordorata, dbl. white	.75	6.00
Poeticus, splendid for cutting	.50	4.00
Von Sion, dbl., 1st size	1.40	13.00
Von Sion, dbl., dbl. nosed	2.00	19.00
Single mixed narcissus	.75	6.00
Double mixed	.75	6.00
Jonquils, single	.50	4.50

Johnson & Stokes, 217-219 Market St., Phila.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Lilium Harrisii, 5x7 in., $3.60 100; 7x9 in., 8.00 100. L. candidum, 22 cms., $4.50 100. Calla Ethiopica, 1⅝ to 1⅞ in., $6.00 100. Hyacinths, Roman white, 12 to 15 cms., $26.00 1000; single Dutch, $20.00 1000. Narcissus, Paper White, grand., 13 cms. and up $9.00 1000; Von Sion, $12.00 1000.
Storrs & Harrison Co., Painesville, Ohio.

Roman hyacinths, 12x15, $24.00 1000. Dutch hyacinths, mammoth, $65.00 1000; No. 2, $35.00 1000. Narcissus Von Sion, dbl. nose, $18.00 1000; single mammoth, $15.00 1000. Freesia refracta alba, mammoth, $7.50 1000. Write for prices on tulips, azaleas, rhododendrons, roses, spiraeas, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

I have from 6,000 to 10,000 Lilium canadensis, good bulbs, which I am offering for $3.00 per 100; $20.00 per 1000. Lilium philadelphicum, $3.00 per 100; $20.00 per 1000.
L. E. Williams, Nottingham, N. H.

Paper white Narcissus totus albus, 13 cms. and over, case 1400 to 1500 bulbs, $7.50 1000; $7.25 per 1000 for 5000 bulbs and over.
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Dutch and Roman hyacinths, tulips, narcissi, callas, freesia, Harrisii and longiflorum lilies. Write for prices.
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Do you want 400 5x7 Harrisii lily bulbs, guaranteed sound, for $12.00? If not, what will you give?
Wm. Elliott & Sons, Auction Dept., New York.

Lilium Harrisii or longiflorum bulbs, Bermuda grown; 7 to 9 in., 200 in case, $10.00; regular price $16.00.
W. W. Rawson & Co., Boston, Mass.

Lilium Harrisii, 5-7 in., $4.00 100; $36.00 1000; 7-9 in., $8.00 100; $78.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Florists' bulbs of highest quality. Get our prices before placing your order.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

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CHOICE NEW CANNAS. EXPRESS, the sensation at St. Louis, 5c each; only a few, speak quickly. VICTORY, another "shiner" there; very few, 8c. BUTTERCUP, best yellow, 8c. DUKE OF YORK, rare beauty; enormous, stiff carmine flower, edged yellow, 8c. DAVID HARUM, 2c. A small surplus, cheap to first callers. OTTO NORRIS, Winona Lake, Ind.

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FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Chicago	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnation plants.

White.	100	1000	Pink.	100	1000
Bride	$10.00	..	Dean	$5.00	$40
Q. Louise	6.00	$50	Melba	5.00	40
F. Hill	5.00	45	Joost	5.00	40
McGowan	4.00	35	Scott	4.00	..
Pink			Miscellaneous.		
Fair Maid	6.00	..	Portia	4.00	..
McKinley	6.00	..	Prosperity	6.00	50
Alpine Glow	6.00	..	Bradt	6.00	..
M. Glory	5.00	..			

We guarantee all of the above stock to be in first-class condition.
The Leo Niessen Co., Philadelphia, Pa.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Estelle	3.50	30
Mrs. Ine	3.50	30	Norway	3.50	30
F. Hill	3.50	30	Q. Louise	3.50	30
Peru	3.50	30	Harlowarden	4.50	40

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Carnations, fine, healthy, field-grown, New Daybreak, $12.00 100; $100.00 1000. Reliance, $12.00 100. Lord, extra size, $8.00; 1st size, $6.00 100; $50.00 1000. Enchantress, 2d size, G. Lowndes, $6.00 100; $50.00 1000. Norway, $6.00. Prosperity, 2d size, $5.00. Enquirer, extra size, Harlowarden, 2d size, McKinley, extra size, Fragrance, extra size, Adonis, 2d size, $6.00 100. L. Pond, Mrs. Roosevelt, $5.00 100. Wolcott, small, healthy plants, $4.00 100. Sybil, $5.00 100; $40.00 1000.
H. Weber & Sons, Oakland, Md.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$5.00	Marquis	$4.00
Estelle	5.00	Lorna	4.00
Alba	5.00	Glacier	4.00
Lawson	5.00	Mermaid	4.00
Q. Louise	4.00	America	4.00
Manley	4.00	Joost	4.00
Lord	4.00	Red Wave	4.00
Enchantress	6.00	Gomez	4.00

Cheap for cash.
Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$ 4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Enchantress	10.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Estelle	7.00	Cash, please, or reference.	
Variegated.			
Bradt	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

20,000 carnations, field-grown; our stock is very fine, large, clean and healthy. Per 100:

Morning Glory	$5	Flora Hill	$5
Apollo, red	6	Mrs. P. Palmer	6
Murphy's White	5	Glacier	6
Lillian Pond	6	Roosevelt	5
Queen Louise	6	America	5
F. Joost	5		

Evenden Bros., Williamsport, Pa.

Carnations, fine, healthy field-grown plants.

	100	1000		100	1000
F. Hill	$3.50	$30	Higinbotham	$3.50	$30
W. Cloud	4.00	35	L. Pond	3.50	
Peru	4.00	35	Prosperity	3.50	
Lawson	4.00	35	Lord	3.50	
America	3.50	30	Joost	4.00	35
G. Angel	3.50	30			

Vaughan & Sperry, 58-60 Wabash Ave., Chicago.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	W. Cloud	$5.00	
Prosperity	5.00	45	M. Wood	4.50	$40
Palmer	5.00	45	Higinbotham	4.50	40
F. Hill	4.50		Lawson	6.00	
Joost	4.50	40			

Poehlmann Bros. Co., Morton Grove, Ill.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

75,000 field-grown, clean, healthy stock.

	100	1000		100	1000
Roosevelt	$6	$50	Triumph	$5	$40
H. Fenn	6	50	F. Hill	5	40
Gov. Wolcott	6	50	Peru	4	35
Crane	6	50	G. Angel	3	25
Lawson	5	40	Prosperity	6	50

Satisfactory reference or C. O. D.
J. A. Budlong, 37-39 Randolph St., Chicago.

Extra select field-grown carnations, large, healthy plants. Good as money will buy. To close out at the following prices:

Prosperity	Per 100	$6.00	Per 1000	$55.00
Mrs. Joost	"	5.00	"	45.00
John Young	"	5.00	"	45.00
Dana	"	4.00	"	35.00
Mrs. Fisher	"	4.00	"	35.00

Newton Floral Co., Inc., Norfolk, Va.

Carnations, field-grown, fine healthy stock, no stem-rot. Lawson, W. Cloud, Nelson, Prosperity, Glacier, Norway, Adonis, Fair Maid, Floriana, Dorothy, Elma, Gaiety, Bradt, Manley, H. Fenn, McKinley, B. Market, Wolcott, $5.00 100; $45.00 1000. Crane, Gomez, Maceo, $4.50 100; $40.00 1000. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Last call for carnations. F. Hill, M. Glory, Lillian Pond, Prosperity, Daybreak (Perfection), Marquis, Gomez, America, $3.50 per 100; $30.00 per 1000. The above and 10 other varieties mixed, $2.50 per 100; $20.00 per 1000.
W. H. Watson, Lapeer, Mich.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Marquis	$3	$25.00	Glacier	$3	$25.00
M. Glory	3		Peru	3	
White D'break	3		Lawson	3	

Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

A1 carnations, 10,000 plants, no disease.

Per 100		Per 100	
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

50,000 extra fine, clean, field-grown carnation plants. While they last they will be shipped at the following low prices:

	100	1000		100	1000
Lawson	$5	$45.00	G. Angel	$3	$27.50
Higinbotham	4	35.00	Hill	3	27.50
Q. Louise	4	35.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Choice field-grown carnations. We find Joost the most profitable pink. Our stock is excellent.

	100	1000		100	1000
Wolcott	$5.00	$45	Palmer	$4.00	$35
Joost	4.00	35	Glacier	4.00	35
McKinley	3.00	25			

A. C. Canfield, Springfield, Ill.

Carnations, extra strong, stocky plants.

	100		100
Q. Louise	$6.00	Nelson	$5.00
B. Market	6.00	Joost	5.00
Lord	6.00	Cervera	5.00
Prosperity	5.00	McGowan	4.00

Frank H. Kimberly, New Haven, Conn.

Field-grown carnations, 2500 extra heavy plants of a seedling from Lawson, now in third year. Color clear cerise pink, never bursting calyx, free blooming, size equal to Lawson. Well worth a trial by everyone. Price, while they last, $5.00 100, cash.
Charles Potter, West Boylston, Mass.

2000 Freedom, large white, $4.00 per 100, $33.00 per 1000; 1500 Joost, $4.00 per 100, $35.00 per 1000. Express paid any distance less than 500 miles. 200 Morning Glory, 200 Crimson King, 150 Queen Louise, 50 Mondell, 50 Estelle, $5.00 per 100, 300 for $4.00 per 100.
C. E. Allen, Brattleboro, Vt.

100,000 carnation rooted cuttings, now ready, $1.00 per 100; $10.00 per 1000. Lawson, Joost, Q. Louise, Wolcott, Crane, Estelle, Prosperity, G. Beauty, Harlowarden, Norway, White Cloud, F. Hill, Lord, Viola Allen. Cash or C. O. D. Express prepaid.
California Carnation Co., Loomis, Cal.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You'll not regret it.
W. E. Hall, Clyde, O.

Large, healthy summer blooming plants of Scott and Fisher at 3½c; $3.00 per 100. Joost, 2nds at 3c. 500 Q. Louise at 4c. Orders for rooted or unrooted summer blooming Scott and Fisher. Cash with order.
W. H. Vance, Wilmington, Del.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Carnations Reliance, Pond, Mrs. Palmer, Pink Lawson, Nelson, Cressbrook, Higinbotham, M. Field, Tiger, Prosperity, Harlowarden, extra large; Whitney, 4c each. Moonlight, 8c. White Lawson rooted cuttings, ready Jan. 1, $7.00 100; $60.00 1000. Chicago Carnation Co., Joliet, Ill.

2000 Enchantress, $6.00 per 100, $50.00 per 1000; 1500 Boston Market, $5.00 per 100, $40.00 per 1000; 300 Queen, $5.00 per 100; 200 Lawson, $6.00 per 100; 100 Faid Maid, $4.00 per 100. Strong field-grown plants. Cash.
Chas. H. Green, Spencer, Mass.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Strong, healthy, field-grown carnation plants.
Enchantress ..... $8.00 per 100; $70.00 per 1000
Fair Maid ..... 6.00 per 100; 50.00 per 1000
Queen ..... 6.00 per 100.
Mrs. Lawson ..... 6.00 per 100.
L. E. Small, Tewksbury, Mass.

We have 2000 Wm. Scott, 2000 Lizzie McGowan and about 2000 Bondy, Portia, Mrs. Joost, Elbon, etc. Good field-grown carnation plants. As we wish to clean ground off, will take $25.00 per 1000. Cash must accompany order.
J. H. A. Hutchison, Oxford, Pa.

Extra large field-grown carnation plants. Gov. Wolcott, Her Majesty, Marian, White Cloud, Floriana, $5.00 per 100; $45.00 per 1000.
S. J. Reuter, Westerly, R. I.

CARNATIONS—Continued.

Fine, strong and healthy field-grown carnation plants. Lawson, Guardian Angel, Nelson, Flora Hill, Queen Louise, White Cloud, America Elma, Cal. Gold, Gomez, Brilliantissima. $5.00 100; $40.00 1000. 500 at 1000 rate.
Lamprecht Bros., Ashland, O.

Carnation plants. Ethel Crocker, large, 1st size, $4.50 per 100; $40.00 per 1000. Eldorado, large, 1st size, $4.50 per 100; $40.00 per 1000. Mrs. Joost, 2d size, short and bushy, $8.00 per 1000.
Lakeview Rose Gardens, Jamestown, N. Y.

Field-grown carnations. Extra strong, healthy plants. Queen, B. Market, Fair Maid, $6.00 100; $50.00 1000. Eldorado, Harlowarden, $5.00 100; $40.00 1000. Enchantress, $6.00 100.
Backer & Co., Billerica, Mass.

FIELD-GROWN CARNATION PLANTS.
3000 Flora Hill....$5.00 per 100; $40.00 per 1000
1000 Mrs. Joost.... 5.00 per 100; 40.00 per 1000
1000 Wm. Scott... 4.00 per 100; 35.00 per 1000
N. L. Wilson, Oxford, Pa.

Field-grown carnation plants. 5000 Flora Hill, 1000 Norway, 2000 Maceo left, which we will guarantee and will pay express on the order of 1000 plants at $3.00 per 100 or $25.00 per 1000 for cash. Arlin & Arlin, Clyde, Ohio.

10,000 field-grown carnations, clean and stocky. Queen Louise, F. Hill, Marquis, Uncle Walter, Peachblow, $5.00 100; $45.00 1000. Lawson, Wolcott, Roosevelt, $6.00 100; $55.00 1000. Butz Bros., New Castle, Pa.

Carnations in following varieties: Lawson, Crane, Estelle, Marquis, White Cloud, Flora Hill, Prosperity and Morning Glory, $5.00 per 100; Crane and Estelle, $6.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $6.00 per 100; $50.00 per 1000. 1000 Gov. Wolcott, $4.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations, surplus stock, fine, healthy plants, Joost, Marquis, White Cloud, Guardian Angel and a few others, at $4.00 per 100. Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

Fine, healthy field-grown carnation plants, cheap for cash. 3000 Flora Hill, 1000 Norway, 1000 Maceo, $3.00 per 100; $25.00 per 1000. Satisfaction guaranteed.
C. E. Critchell, 36 East 3rd St., Cincinnati, O.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Carnations, field-grown. Norway, Marquis, Joost, Roosevelt, M. Glory, Apollo, Estelle, Palmer, Bradt, Higinbotham, Whitney, Alba, Stella, $5.00 100.
Joseph Heinl & Sons, Jacksonville, Ill.

Field-grown carnations.

	100		100
1000 Joost	$5.00	200 Crane	$5.00
400 W. Cloud	5.00	Cash with order.	

C. G. Velie & Son, Marlborough, N. Y.

Field-grown carnation plants. Fine lot of Joost, slightly mixed with Scott, 3c; 125 Prosperity, 4c; 50 Gomez, 3c; Scott, 3c. Cash with order. H. M. Woundy, New Canaan, Conn.

1000 medium Lawson, $30.00; 2000 Norway, $3.50 100, $30.00 1000; 200 Crane, 2½c; 250 Lorna, 3½c; 50 Wolcott, 3c; 50 Roosevelt, 3c. Good stock. Kring Bros., Fairbury, Ill.

Surplus carnations, no stem-rot. Lawson, Enchantress, Crocker, Joost, Apollo, Harlowarden, M. Field, Eldorado and Prosperity.
U. S. Cut Flower Co., Elmira, N. Y.

Strong and healthy field-grown carnations. Gov. Wolcott, B. Market, extra fine Lawson, Elma, Goodenough, Maceo, $5.00 100.
Sidney Littlefield, North Abington, Mass.

Carnations. 200 good, strong E. A. Nelson, $4.00 100; 100 Morning Glory, $3.00 100; 200 T. W. Lawson, 2nd size, $3.00 100.
Harry White, North Manchester, Ind.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

Carnations. 1500 Joost, 1000 Crocker, cheap to close out.
Richard Coombs, West Hartford, Conn.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

A few extra nice plants of Queen Louise, G. M. Bradt, Prosperity and Mrs. Joost, $5.00 100; $45.00 1000. C. O. D. or cash.
A. Relyea & Son, Poughkeepsie, N. Y.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Field-grown carnations, extra strong, no stem-rot. 3000 Flora Hill, $3.50 100. 500 Prosperity, $4.00 100. Cash.
F. P. Caird, 271 River St., Troy, N. Y.

Carnations, fine field plants, no stem-rot. 800 Prosperity, 200 Joost, $3.50 per 100; $30.00 for the lot. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Field-grown carnation plants. 6000 Lawson, 1000 M. Glory, 1000 Wolcott, 1000 W. Cloud at $40.00 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Carnation plants, first-class stock.
1000 Norway .....$4.00 per 100
2000 Mrs. Ine..... 4.00 per 100
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

400 Prosperity, 400 Joost, 75 Sybil, 100 Mrs. Roosevelt, $4.00 per 100; Estelle, $5.00 per 100. Carl Rauth, Springfield, Ill.

Field-grown carnation plants. Mrs. Fisher, white; G. Angel, pink; Crane, red, at $5.00 100. Geo. A. Kuhl, Pekin, Ill.

Carnations Lawson, Louise, Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c.
W. W. Coles, Kokomo, Ind.

Strong, bushy plants, Wolcott, $4.00 per 100; Lord, $3.00 per 100. Cash.
Chas. Wiffin, Des Plaines, Ill.

5,000 extra fine Joost carnations, field-grown, $4.00 100; $35.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Field-grown carnations. Queen Louise, $4.50 100. Lawson, $5.00 100.
Scharff Bros., Van Wert, Ohio.

Carnations. 1000 Fair Maid and 500 Gov. Wolcott, $5.00 per 100.
A. Batley & Son, Maynard, Mass.

Carnations. 100 G. Lord at $4.00 100; 200 E. Crocker at $4.00 100.
A. R. Knowles, Bloomington, Ill.

I have left about 4000 Estelle and 200 Prosperity at 5c each.
D. R. Herron, Olean, N. Y.

800 Prosperity carnations, strong field-grown, $3.00 100. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

1200 Norway, white; 300 Potter Palmer, red, at $35.00. Jos. Labo, Joliet, Ill.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., Lafayette, Ind.

Carnation Boston Market, $4.00 100.
Otto Bourdy, Lowell, Mass.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

CHRYSANTHEMUMS.

MONROVIA STOCK PLANTS.
Fine, true stock of the earliest and best yellow in the market; blooms cut Sept. 23rd fetching $4.00 per doz., wholesale, in Chicago. Price: 10c each, $1.00 per doz., $8.00 per 100. Also Omega, white and pink Pacific and Robt. Halliday at same price. Ready now.
Gunnar Tellmann, Marion, Ind.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Lady Fitzwygram chrysanthemum stock plants now ready. Write for prices.
W. F. Dunteman, Bensenville, Ill.

2½-in. mums, $18.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

CINERARIAS.

Cinerarias, prize, dwarf, 3-in., $3.00 100. Cash. Satisfaction guaranteed.
Ray H. Palmer, Randolph, N. Y.

Cinerarias, dwarf, 2-in., $2.00 per 100. Cash
J. W. Miller, R. D. 6, Carlisle, Pa.

CLEMATIS.

Clematis, finest purple, white, lavender, pink, named, 2-yr., 18c; 1-yr., 9c; extra 3-yr., 30c. C. paniculata, 2-yr., strong, 8c.
W. H. Salter, Rochester, N. Y.

Clematis, strong, white, $6.00 100. Cash.
W. G. Eisele, West End, N. J.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, 8 to 10 leaves, 75c each; 10 to 12 leaves, $1.00 each; 12 to 15 leaves, $1.50 each. Storrs & Harrison Co., Painesville, Ohio.

Fresh cycas stems, asst. sizes, 1 to 5 lbs., per 100 lbs., $7.00; case, 300 lbs., $18.00.
C. H. Joosten, 201 West St., N. Y.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cycas revoluta, all sizes, from 35c to $1.00 each. A. Mirring, East St. Louis, Ill.

CYCLAMEN.

Cyclamen giganteum, fine strain, 4-in. pots, $8.00 per 100, while they last. Thaddeus N. Yates & Co., 7356 Germantown Ave., Philadelphia, Pa.

Cyclamen. Giant's my specialty, 4-in., $12.00 per 100. Seed of my well-known strain, 75c per 100, $6.00 per 1000, in five separate colors.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum, finest large flowering, mixed, in strong 4, 5 and 6-in. pots, full of buds, $1.25, $2.00 and $3.00 per doz. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Cyclamen persicum gig., 1½ to 3-in. bulbs, all colors, $1.00 doz., $7.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Cyclamen giganteum, large flowering, 4-in., $10.00 100; 5-in., $15.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong, 4-in. pots, $10.00 100.
G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

DAHLIAS.

Dahlias. To reduce stock we offer strong roots from field, 12 best kinds, named, $3.00 per 100; mixed, $2.75 per 100. Cash.
J. W. Field, Jr., Northfield, Mass.

Dahlias. 150 Snow Clad, $4.00 per 100; 150 single, mixed, $3.00 per 100; field roots as dug. The lot for $10.00.
S. J. Galloway, Eaton, Ohio.

Dahlia roots. List and prices sent on application.
R. Vincent, Jr. & Son, White Marsh, Md.

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DAISIES.

NOW READY—Genuine Burbank's California Shasta daisies, guaranteed true to name. Strong, well rooted plants, grown from cuttings. While they last, $5.00 per 100, delivered anywhere in the U. S. Positively cash with order. S. W. Marshall & Son, Fresno, Cal.

Shasta daisies, nice plants from seed, once transplanted, 75c per 100, postpaid. Cash.
Wm. Bierstadt & Sons, Springfield, Ill.

Double daisies Longfellow and Snowball, $2.50 per 1000; 50c per 100 by mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Bellis perennis, strong plants, $3.00 1000.
J. S. Bloom, Riegelsville, Pa.

DEUTZIAS.

Deutzia gracilis for potting, 12 to 15 in., $6.00 100; 15 to 18 in., $8.00 100. D. Lemoinei, 15 to 18 in., $8.00 100; 18 to 24 in., $10.00 100.
Storrs & Harrison Co., Painesville, O.

Deutzias, 10c. W. H. Salter, Rochester, N. Y.

DRACÆNAS.

500 Dracæna indivisa, strong field-grown plants, ready for 5½-in. and 6-in. pots, $10.00 100. Cash.
Jacob Hauck, 86 So. Grove St., East Orange, N. J.

Dracaena indivisa, field-grown, 2-year, fine, $2.50 per doz.; $20.00 per 100. Cash or approved credit.
E. & C. Woodman, Danvers, Mass.

Dracaena indivisa, strong field-grown plants, 3-in., $4.00 100; 4-in., $6.00; 5-in., $8.00.
S. S. Skidelsky, 824 No. 24th St., Phila.

100 Dracæna indivisa from ground, 6 to 7-inch pots, $15.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

EPIPHYLLUMS.

Epiphyllum truncatum, E. makoyanum, 1, 2 and 3-yr. crowns, $20.00, $30.00, $40.00.
A. Mirring, East St. Louis, Ill.

EUPHORBIAS.

Euphorbia Jacquinifolia, 3-in., $3.00 100; 4-in., $12.00 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS.

30,000 Boston ferns ready for delivery; nice young plants, $15.00 per 1000.
Nephrodium patens, $2.00 per 100. N. amplum, a nice tree fern, good 3-inch pots, 25c each.
Acrostichum lomarioides, fine plants, $4.00 per 100.
Asplenium myriophyllum, beautiful little lace fern, $4.00 100. A. serratum, somewhat resembling the birds' nest fern, rare, 25c to 75c each.
Tecteria trifoliata, rarely in cultivation, 25c each, $20.00 per 100. Send P. O. order on Little River, Fla. Send for catalogue out next month. Soar Bros., Little River, Fla.

Extra fine Boston ferns, 4, 6, 7 and 8-in. pots at 15c, 35c, 50c and 65c. These are sold at bargain prices, being unable to winter them.
Piersoni, fine, handsome transplanted stock from soil, 10c, 15c, 25c. Will give large profits. Many who have bought are ordering more; it is sure to please you. Extras put in to cover expressage. Write for price in quantity. Cash. R. C. Pye, Nyack, N. Y.

Look here! The heaviest Bostons from pots in the U. S., will fill 8 and 10-in. pots, only 40c; 5-in., 35c; 4-in., 15c; 3-in., 8c; 2½-in., 3½c. Extra heavy Piersoni, 6-in., 50c; 5-in., 40c, will fill 8-in. pots; 4-in., 15c; 3-in., 8c; 2½-in., 4c. Cash, please.
A. J. Baldwin, Newark, Ohio.

NEPHROLEPIS SCOTTII. Plants from bench ready for 4-in. pots, $4.00 doz.; $25.00 100; $200.00 1000; 5-in., $5.00 doz.; $35.00 100; 6-in., $9.00 doz.; $60.00 100; 6-in. pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

FERNS. 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
F. H. KRAMER,
CENTER MARKET,
WASHINGTON, D. C.

2000 Boston ferns from bench, stocky, well grown in full light, good shape, for 5-in., $15.00 per 100; 6-in., $20.00 per 100; 25 at 100 rate. Piersoni for 6-in., 25c; 7-in., 35c; 8-in., 10c. See violet and asparagus advs. Cash.
Benj. Connell, West Grove, Pa.

Boston ferns, 2½-in., $3.50 100; 5-in., $25.00 100. From bench for 4-in., $8.00; 5-in., $15.00 100. Nephrolepis cordata comp., 3-in., $5.00 100. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

PIERSON FERNS.
Strong 4-inch .....$15.00 per 100
Strong 5-inch ..... 20.00 per 100
Cash with order. Satisfaction guaranteed.
Baur Floral Co., Erie, Pa.

Boston ferns from bench ready for 5, 6 and 7-inch pots, 25c each; 4 to 5-inch pots, 15c each. Pierson ferns from bench ready for 5 and 6-inch pots, 35c each. Cash with order.
L. Mosbaek, 8500 Anthony Ave., So. Chicago, Ill.

Boston ferns, 6-in. pots, 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-in. specimens, 75c. Piersoni, 5, 5½ to 6-in., 30c, 40c to 50c.
G. Aschmann, 1012 Ontario St., Phila.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, nice, clean stock, from 2½-in. pots, $5.00 100; 3-in., $8.00. Cut from bench, suitable for 4-in., 5-in. and 6-in. pots, at $15.00, $20.00 and $25.00 100.
Ocean Park Floral Co., Ocean Park, Cal.

Boston ferns, 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100.
Piersoni ferns, 3-in., $10.00; 4-in., $20.00 per 100. Fine stock.
S. M. Harbison, Danville, Ky.

Boston ferns from bench, ready for 6 and 8-in., 25c each. Piersoni and Anna Foster, ready for 6 and 8-in., 50c each; this is fine stock.
A. B. Campbell, Cochranville, Pa.

Pteris tremula and P. argyreae, $2.50 100. Small ferns for dishes, full list of best dwarf varieties, $3.00 100; $25.00 1000.
Storrs & Harrison Co., Painesville, O.

Piersoni ferns, 2½-in., $8.00 100. Boston ferns, 2½-in., $5.00 100; 3-in., $8.00; 4-in., $15.00. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Ferns for fern dishes from 2¼-inch pots, $3.00 100; $25.00 1000. Ferns from flats, $1.50 100; $12.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Boston ferns, bushy, stocky plants, 6-in. pots, $6.00 doz.; also 12-in. pans, pedestal grown, $2.00 each. J. W. Young, Germantown, Pa.

Piersoni ferns in 4-in. pots, ready for a shift, $15.00 100; 6-in., $50.00. Bostons from 2½-in. to 10-in. Geo. A. Kuhl, Pekin, Ill.

Boston ferns, fine, strong 6-in. plants, cut from bench at $2.50 per doz.; $20.00 per 100. L. Stapp, Rock Island, Ill.

Boston ferns, perfect plants, full pots, 6-inch, $30.00 per 100; 8-inch, $60.00 per 100.
B. M. Wichers & Co., Gretna, La.

Piersoni ferns, 2-in., $5.00 per 100; 3-in., $10.00 per 100; 4-in., $20.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Boston ferns, strong 2½-in. pots, need shifting, $3.00 per 100; $25.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Boston ferns, bench grown, good for 5 and 6-in. pots, $3.00 doz., $20.00 100.
Converse Greenhouses, Webster, Mass.

Aspidium tsussemense, fine plants, 3-inch, $6.00 100; $50.00 1000. Cash.
R. G. Hanford, Norwalk, Conn.

Boston ferns. We have a fine lot, 2½-in. to 8-in. Write for special prices.
J. F. Wilcox, Council Bluffs, Iowa.

Boston ferns, 6-in., fine, $40.00 100. Piersoni, 6-in., fine, $50.00 100.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Boston ferns from bench, large plants ready for 6-in. pots, $15.00 100.
Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, both 5 and 6-in., 25c and 35c each. Cash with order.
John Brod, Niles Center, Ill.

Boston ferns, 6-in. pots, $35.00 100; cut from bench, $20.00 100.
A. Mirring, East St. Louis, Ill.

Boston ferns, fine 4-in., $12.00 100; 5-in., $20.00; 6-in., $35.00.
W. H. Gullett & Sons, Lincoln, Ill.

Piersoni ferns, bench, 4-in., 20c; runners, 2c; larger, 4c. Cash.
Byer Bros., Chambersburg, Pa.

Boston runners, $10.00 and $15.00 per 1000; fine stuff.
The Avenue Floral Co., New Orleans, La.

Boston ferns, ready for 6 to 7-in. pots, $25.00 100.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

Piersoni ferns, 5-in., 35c; 6-in., 50c; 8-in., $1.50 each. J. S. Bloom, Riegelsville, Pa.

Boston ferns, 6-in., 40c each; 3-in., $5.00 per 100. W. H. Parsil, Summit, N. J.

Boston ferns, 4-in., $1.50 doz.; 5-in., $2.50. Cash. Joseph Heinl & Sons, Jacksonville, Ill.

Boston ferns, strong plants, 3-in., $3.50; 4-in., $5.00 Van Aken Bros., Coldwater, Mich.

Piersoni and other ferns. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Boston ferns, fine 10-inch, $1.50 each.
Phila. Wholesale Mkt., 1235 Filbert, Phila.

Cibotium Schiedei, $1.25 each.
J. A. Peterson, Westwood, Cincinnati, O.

Piersoni ferns, $10.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

FORGET-ME-NOTS.

Forget-me-nots, hardy, ever-blooming. Constance, 3-inch pots, $3.00 per 100; early and late clumps, $2.00 per 100. Will exchange for ferns and Sprengeri.
Geo. Engel, Xenia, Ohio.

Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
Eden Nurseries, Port Allegany, Pa.

Forget-me-nots, strong plants, $3.00 1000.
J. S. Bloom, Riegelsville, Pa.

GENISTAS.

Genistas, 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

GERANIUMS.

S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, M. Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacqueri, Gloire de France and Mme. Barney, etc., 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geraniums, mixed, 4-in., $3.00 per 100.
Harmon & Henderson, Iola, Kan.

400 Nutt geraniums in 4-in. pots, $4.00 100. Rooted cuttings of Nutt, La Favorite, Trego, Viaud, Perkins, Poitevine and Rickard. Prepaid. Chas. Gay, Ingersoll Ave. Greenhouse, Des Moines, Iowa.

1000 Geraniums J. Viaud. Good plants from 2½-in. pots, $1.25 per 100 or the lot for $10.00. 500 Mrs. E. G. Hill and 400 Bruanti, scarlet, at same price.
W. T. Buckley Plant Co., Springfield, Ill.

Geranium rooted cuttings, the best new and standard sorts. For varieties and prices see our classified adv. in last issue.
Wm. Bierstadt & Son, Springfield, Ill.

Geraniums. Rooted cuttings of Buchner and Perkins at $1.00 per 100. By mail, $1.25.
Albert M. Herr, Lancaster, Pa.

Geraniums of the best sorts, good and strong; no drawn plants, 3-in. pots, $2.00 per 100.
Dana R. Herron, Olean, N. Y.

We offer 500 geraniums, elegant young stock, in 20 best sorts for $10.00.
The E. G. Hill Co., Richmond, Ind.

Apple geraniums, 2½-inch, 3c. Seeds, 20c per 100. H. Steinmetz, Raleigh, N. C.

GLADIOLI.

Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

GRASSES.

Arundo donax, variegated and green $5.00 per 100. H. Steinmetz, Raleigh, N. C.

HARDY PLANTS.

Golden elder, 3-yr., $60.00 1000. Euonymus, 1-yr., 12 to 15 in. high, $60.00 1000. Box edging, 3 to 4 in. high, $50.00 1000. Achillea The Pearl, $5.00 100; A. rosea, $4.00 100. Aquilegia, $5.00 100. Santolina, large, $6.00 100. Coreopsis lanceolata, $4.00 100. Dianthus barbatus, $5.00 100. Funkia coerulea, $4.00 100. Gaillardia grandifl., $5.00 100. Helianthus max., $4.00 100. Delphinium formosum, $5.00 100. Hollyhocks, dbl. white, red, pink, yellow, 1-yr., $8.00 100; single, mixed, $6.00. Golden Glow, $3.00 100. Lychnis Haageana, chalcedonica, $5.00 100. Monarda rosea, $5.00 100. Myosotis palustris, $3.00 100. Anthemis tincturia, $5.00 100. Heuchera sanguinea, $6.00 100. Stokesia cyanea, $5.00 100. Pyrethrum roseum, $5.00 100. Papaver orientalis, $5.00 100. Veronica longifolia, $8.00. Platycodon, blue, $5.00 100. Digitalis gloxinaeflora, $6.00 100. Agrostemma coronaria, $5.00 100. Cash.
W. G. Eisele, West End, N. J.

High grade nursery stock. Berberis Thunbergii, Spiraea Van Houttei and Clematis paniculata. Norway maple, extra fine, all sizes. California privet, $12.00 to $30.00 per 1000. Rhododendron max. and Kalmia latifolia. Wholesale trade list on application.
Windsor H. Wyman, North Abington, Mass.

BERBERIS THUNBERGII.
Strong, 3-yr.-old plants, 15 to 18-in., bushy and finely rooted, $10.00 per 100; $80.00 per 1000. Also trees, shrubs and other nursery stock. Packing at cost.
Klehm's Nurseries, Arlington Heights, Ill.

All the best and hardiest trees, shrubs, roses, climbing vines and, in fact, all kinds of nursery goods can be purchased from us at very low prices. Write us giving list of wants.
Aurora Nurseries, Aurora, Ill.

Golden Glow, 4c. Phlox, finest named, 8c. Altheas, 10c. Japan quince, 8c. Syringas, 12c. Spiraeas, 10c. Weigelias, 10c; also fruit and ornamental trees. Write for prices.
W. H. Salter, Rochester, N. Y.

Privet, silver maples, Carolina poplars, Lombard poplars, Catalpa speciosa, and vines, all in surplus. Also large assortment of other shrubs and trees.
Shrewsbury Nurseries, Eatontown, N. J.

Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Complete Stock, Fruit and Ornamental Trees, Shrubs, Vines, etc. Send list for prices.
FRANKLIN DAVIS NURSERY COMPANY, BALTIMORE, MD.

5000 Delphinum formosum and 5000 Lychnis chalcedonica seedlings, good strong plants, $1.00 per 100. Cash, please. Geo. Engel, Xenia, O.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

For your trees, shrubs, vines and small fruits send to
WM. H. MOON CO., Morrisville, Pa.

Hardy plants at low prices. Send for list.
S. J. Galloway, Eaton, Ohio.

HARDY PLANTS—Continued.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
Peterson Nursery, Lincoln & Peterson Aves., Chicago.

My price list of native trees, shrubs and plants for the fall trade is now ready. Send for it. L. E. Williams, Nottingham, N. H.

Kudzu vine—Japan bean, 1-yr., most vigorous of all vines; fine stock, field-grown, 15c.
Edward Teas, Joplin, Mo.

A few thousand seedling Berberis Thunbergii and Rosa lucida. Write for prices.
Sidney Littlefield, North Abington, Mass.

Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
Shenandoah Nurseries, Shenandoah, Iowa.

Leopard plants, $10.00 100. Cash.
A. Mirring, East St. Louis, Ill.

HELIOTROPES.

Heliotrope, blue, strong 2-in., 1½c; R. C., ¾c, mail. Cash.
Byer Floral Co., Shippensburg, Pa.

HIBISCUS.

Hibiscus, 5 varieties, 2¼-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HOLLYHOCKS.

Hollyhocks. Double, large, field-grown plants, 6 separate colors, 4c; mixed, 3c. Cash.
Byer Floral Co., Shippensburg, Pa.

HYDRANGEAS.

Otaksa, Thos. Hogg, Red Branched, Variegated-leaved, strong, stocky plants from outdoor beds with 7 to 12 flowering crowns, $12.00 per 100; 5 to 6 flowering crowns, $9.00 per 100; 4 flowering crowns, $7.00 per 100.
JACKSON & PERKINS CO., Newark, New York.

Hydrangeas, field-grown, 2-yr.-old, with 4 to 8 flower buds, fine for next Easter, $3.50 doz.
Converse Greenhouses, Webster, Mass.

Hydrangea P. G., strong, bushy, 10c; tree shaped specimens, 30c.
W. H. Salter, Rochester, N. Y.

Hydrangea Otaksa, 6 to 8 flowering crowns, $9.00 100; $80.00 1000.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

Hydrangea rosea, 1-yr. cuttings, $60.00 1000. Cash. W. G. Eisele, West End, N. J.

Hydrangeas, ready October 1, $10.00 per 100.
Peter Wenk, Ozone Park, L. I., N. Y.

Hydrangeas, 2-yr.-old, $15.00 100.
A. Mirring, East St. Louis, Ill.

IMPATIENS.

Impatiens Sultani, 2-in. pots, 40c per doz.; $2.00 per 100. Harmon & Henderson, Iola, Kan.

IRISES.

German iris, named, choice sorts, 75c doz., $5.00 100. All sorts mixed in brilliant colors, 40c doz., $3.00 100. Spanish iris, named or separate, 40c doz., $3.50 100; mixed, 30c doz., $2.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Iris, finest Japanese and German, 10c.
W. H. Salter, Rochester, N. Y.

IVY.

Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarf trees, of many varieties, in pots. An immense stock and the only stock of these novelties in the country; great value, fast sellers, wonderfully unique and attractive. Seen in all the bon-ton stores of the great cities. Price, only 25c to 50c each. Send for a sample shipment of 20, all different and all beautiful.
Suzuki & Iida, 31 Barclay St., New York.

LANTANAS.

Lantanas, 10 var., 2¼-in., 40c doz.; $2.00 100, $7.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LIATRIS.

Liatris gracilis is the best variety in this beautiful family of hardy plants; should be in every garden. Get our new circular now ready.
Southern Floral Nursery Co., Fruitdale, Ala.

LILY OF THE VALLEY.

Large flowering clumps of valley from open ground at $15.00 per 100; $140.00 per 1000.
H. D. Darlington, Flushing, L. I., N. Y.

Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley forcing pips, fine variety.
Julius Hansen, Pinneberg, Germany.

MIGNONETTE.

Mignonette, Allen's Defiance, strong plants in 3-in. pots; shipped in pots, $4.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
Charlesworth & Co., Heaton Bradford, England.

Just received an importation of Cattleya Trianæ, all in good order. Correspondence solicited and inspection invited.
Thomas Jones, Tel. 30 F, Short Hills, N. J.

Cattleya Harrisoniana, fine, strong plants, each, $1.50; doz., $15.00; 25 to 100, $1.00 each.
H. H. Berger & Co., 47 Barclay St., N. Y.

Cattleya Trianae, imported plants in splendid condition. Write for special price.
A. T. Boddington, 342 W. 14th St., New York.

Orchids. Complete stock always on hand. Write for list and prices.
Julius Roehrs, Rutherford, N. J.

Orchid peat and leaf mold. Write for prices and samples. Charles Wage, Ohioville, N. Y.

Orchid peat and leaf-mold. Write for prices.
F. J. Scott, Loyd, N. Y.

PALMS, ETC.

PHILADELPHIA-GROWN PALMS.

KENTIA BELMOREANA.

Pot.	Leaves.	High.	12	100
3-in.	4 to 5	12 to 15 inches	$2.00	$15.00
4-in.	5 to 6	15 to 18 inches	4.50	35.00
5-in.	6 to 7	18 to 20 inches	6.00	50.00
5-in.	6 to 7	20 inches	9.00	70.00
			Each.	12
6 in	6	20 to 24 inches	$1.00	$12.00
6-in.	6 to 7	28 to 30 inches	1.25	15.00
6-in.	6 to 7	30 to 36 inches	1.50	18.00
8-in.	6 to 7	34 to 36 inches	2.50	30.00

KENTIA FORSTERIANA.

Pot.	Leaves.	High	Each.	12
6-in	5 to 6	28 to 30 inches	$1.00	$12.00
6-in	6	30 to 32 inches	1.25	15.00
6-in.	6	32 to 36 inches	1.50	18.00

MADE-UP PLANTS.

Pot.	No. in Pot.	High.	Each.
7-in.	4 plants	32 inches	$2.00
8-in.	4 plants	42 inches	3.00
10-in.	4 plants	48 to 54 inches	5.00
10-in.	4 plants	60 inches	6.50

JOSEPH HEACOCK, Wyncote, Pa.

Small palms for center plants for dishes, 2½-in. pots, 6 to 8 in. high. Areca lutescens, $6.00 100. Kentia Belmoreana, $8.00 100. Latania borbonica, 24-in., 5 to 7 leaves, 7-in. pot, $1.00 each; 28-in., 6 to 8 leaves, 8-in. pot, $1.50 each; 28 to 30-in., 7 to 9 leaves, 10-in. pot, $2.50 each.
Storrs & Harrison Co., Painesville, Ohio.

Pandanus Veitchii, 12 inches high, 75c each; 18 to 20 inches high, 90c each; 24 inches high, $1.25 each; 25 to 28 inches high, $2.00 each.
All of this stock are finely colored and shapely plants.
J. A. Peterson, Westwood, Cincinnati, O.

Kentia Belmoreana, 6 to 12 inches tall, 2½-in. pots, $6.00 per 100.
Kentia Forsteriana, 4 to 6-in., from flats, $3.00 per 100.
JACKSON & PERKINS CO., Newark, New York.

Kentia Belmoreana, strong plants from 3-in. pots, $10.00 per 100. Satisfaction guaranteed. Cash with order.
C. H. Kunzman, 3710 High Ave., Louisville, Ky.

Palms. Dracaena terminalis, and other decorative plants. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Sago palms, 4 to 6 leaves, $3.00 doz. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

500,000 pansy plants grown from my own seed; fine, stocky field-grown, seed-bed plants, sown thinly.

MY GIANT MARKET

are grown from seed selected from the finest varieties, $2.50 per 1000; $10.00 per 5000. By mail postpaid, 50c per 100.

GIANT STRAIN,

$2.00 per 1000; $8.00 per 5000. By mail postpaid, 40c per 100. Cash with order.
E. A. Blinn, Cromwell, Conn.

Florists' International mixed pansies for which no expense is saved to get from the best growers any new variety and all the finest combinations of colors and markings to be had for money. Strong plants, average 8 or more leaves, $5.00 per 1000; 60c per 100. Giant mixed pansies, a very large flowering mixture in splendid colors, also separate colors, $3.00 per 1000; 40c per 100; $25.00 per 10,000. Also strong seedlings of

Daisy Snowball and Longfellow, per 100	$ .35
Forget-me-not, palustris, hardy, ever-bl.	.35
Dianthus Heddewigi, mixed	.35
Gypsophila paniculata	.35
Hollyhock Chater's finest mixed	1.00
Papaver nudicaule	.35
Sweet williams, double	.35

Geraniums and bedding plants by the hundred thousand. Ludwig Mosbaek, Onarga, Ill.

PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size and greatest variety of rich and rare colors and markings. Every variety worth growing is in this strain, including all the best giant sorts, and they were grown from seed specially selected from the finest flowers of each sort.
Fine, stocky, field-grown seed-bed plants sowed thinly, all varieties mixed, $4.00 per 1000; 500, $2.25; 250, $1.50. Cash with order. Pansies a specialty for 30 years.
L. W. Goodell, Pansy Park, Dwight P. O. Mass.

Over 200,000 Brown's extra select superb GIANT prize pansy plants, ready for shipment. By mail, 75c per 100; by express, $3.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

International pansy plants and all the best mixtures and named sorts, including the mammoth size, $2.50 per 1000. Cash with order.
Aurora Nurseries, Aurora, Ill.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000. 500 at 1000 rate.
Gustav Pitzonka, Bristol, Pa.

Pansies, nice plants, in red, white, blue, black, yellow and purple, separate colors; also mixed kinds, $4.00 per 1000; by mail, 50c per 100. F. A. Baller, Bloomington, Ill.

International pansy plants and all the best mixtures and named sorts, including the mammoth size, $2.50 per 1000. Cash with order.
Aurora Nurseries, Aurora, Ill.

Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000. J. H. Rainsbury, Bernardsville, N. J.

Snow's Sunbeam pansies, in bud and bloom. 75c per 100 postpaid; $3.00 per 1000 by express.
Harvey B. Snow, Camden, New York.

International pansy plants and all the best mixtures and named sorts, including the mammoth size, $2.50 per 1000. Cash with order.
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Giant pansy plants from fine seed, 50c per 100, prepaid; $2.25 per 1000; 5000 for $10.00. Cash. Byer Floral Co., Shippensburg, Pa.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

Extra fine strain, stocky pansy plants, $3.00 1000; $25.00 10,000, cash with order.
J. Condon, 734 5th Ave., Brooklyn, N. Y.

Giant Trimardeau pansy plants, extra fine mixed, $4.00 1000. Cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Pansy plants at $5.00 1000; fancy strain, $10.00 1000.
Denys Zirngiebel, Needham, Mass.

Finest giants mixed, large plants, $3.00 per 1000. W. H. Parsil, Summit, N. J.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansies, strong plants, $3.00 per 1000.
J. S. Bloom, Riegelsville, Pa.

PELARGONIUMS.

Pelargonium rooted cuttings, 10 best varieties, labeled, $2.25 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Pelargoniums, mixed, 3-in., $3.00 100.
J. S. Bloom, Riegelsville, Pa.

PEONIES.

Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100, $75.00 1000. 500 at 1000 rate.
F. A. Baller, Bloomington, Ill.

Peony roots, large clumps, 7 years old, best varieties; single, to force in pots for Xmas.
Chicago Carnation Co., Joliet, Ill.

Ne Plus Ultra, fine for market purposes. 5,000 strong at 10c each. Send for list of others.
Edward Swayne, Westchester, Pa.

Peonies, 400 kinds, some of the finest. Send 30 cents for complete Peony Manual.
C. S. Harrison, York, Neb.

300 peonies, mostly pink, to exchange for ferns and Sprengeri. Geo. Engel, Xenia, Ohio.

Peonies, white, $10.00; pink, $8.00; Humei, $7.00; mixed, $6.00 per 100.
S. J. Galloway, Eaton, Ohio.

Fine collection of peonies including Festiva maxima. For prices write
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, best varieties, 12c.
W. H. Salter, Rochester, N. Y.

PLUMBAGOS.

Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

POINSETTIAS.

Poinsettias, strong 3-in. pot plants, just right for pans, fern dishes and jardinieres, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 3-in. pots, $6.00; 4-in. pots, $10.00; 6-in. pots, $20.00.
Chas. Long, 1820 Buckius St., Sta. F, Phila.

Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
John Ziegenthaler, 1865 Buckius St., Phila.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

Poinsettias, 2½-in., $5.00 100.
Storrs & Harrison Co., Painesville, Ohio.

PRIMULAS.

BUTTERCUP (new), a free-flowering yellow primrose, coming into full bloom for Thanksgiving and Christmas trade. Strong plants from 3-in., $1.50 doz., $10.00 100.
CHINESE PRIMROSES, from the best European strain, 2½-in., ready for a shift, $3.00 100.
PRIMULA Forbesi (Baby primrose), fine, bushy plants, 2¼-in., $2.50 100.
Nathan Smith & Son, Adrian, Mich.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula obconica, 3-inch pots, $2.50 per 100; 2-inch, $2.00 per 100. Will exchange for ferns and Sprengeri. Geo. Engel, Xenia, Ohio.

Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Chinese primroses for Christmas blooming, 3-inch pots, strong, $3.00 per 100. Cash.
C. F. Krzysske, Sandusky, Ohio.

Primula chinensis for Xmas blooming, Rupp's best strain. 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula Forbesii, nice stock, 2-in., $1.75 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Primula chinensis, 3-in., $3.00 100; 4-in., $6.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, 4-in., $6.00 100.
J. S. Bloom, Riegelsville, Pa.

PRIVET.

100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

Eisele's privet, 3-yr., 4 to 4½ ft., $35.00 1000; cut back, heavy, 2½ to 3½ ft., $30.00 1000. 2-yr., 2 to 2½ ft., strong, $20.00 1000. 1-yr., 12 to 18 in., $12.00 1000. Cash.
W. G. Eisele, West End, N. J.

500,000 plants of privet, all sizes up to 4½ feet. Write for prices.
James McColgan, Red Bank, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

California privet, extra strong, 4c.
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Orders booked now for strong field rose bushes; will begin digging in about two weeks.
Maman Cochet $6.00 100; $50.00 1000
White Maman Cochet.... 7.00 100; 60.00 1000
Kaiserin 10.00 100; 80.00 1000
Cash with order.
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Crimson Ramblers, extra fine field-grown, 1-year, 2 to 3 ft., $8.00 per 100. D. Perkins, 3 to 4 ft., $10.00 per 100.
Tyler Bros., Du Bois, Pa.

Roses, fine 2-yr., field-grown Gen. Jacq. and other best H. P.'s. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX, 20c.
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Hardy perpetual standard and dwarf roses. Crimson Ramblers, etc. First-class stock. Catalogue free.
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10,000 Crimson Rambler roses from 2½-in. pots, $3.50 per 100. Large, field-grown plants, $15.00 per 100. Aurora Nurseries, Aurora, Ill.

5000 strong 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

3½-in. Brides and Gates, excellent stock, $30.00 1000; 2½-in. Maids, $20.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Crimson Rambler roses, 1-yr.-old, $6.00 100. Send for sample.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

Brides, Maids, Perles, Gates, Ivory, strong 3-in., $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Maids, Brides, Golden Gates, 4-in., $10.00 100. A. Mirring, East St. Louis, Ill.

All fancy and standard varieties of roses.
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Roses. Gates, Ivory and Brides, 2c.
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Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Ficus elastica, 4-in. pots, 25c; 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
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Ten large bushy rubber plants for sale, suitable for stock; cheap.
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Variegated ficus, $5.00 per doz. Ficus elastica (green), sold out till spring 1905 delivery.
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Rubbers, 4-in., 25c; 5-in., 35c; top stock, strong. Cash. Byer Bros., Chambersburg, Pa.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

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Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
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5000 Delphinium formosum and 5000 Lychnis chalcedonica seedlings, good strong plants, $1.00 per 100. Cash, please.
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SMILAX (new crop), 10c trade pkt.; 30c per oz.; $1.00 per ¼ lb.; $3.00 per lb. CINERARIA, PRIZE DWARF, mixed, 60c half trade pkt.; $1.00 whole trade pkt. Medium Tall, 60c half trade pkt.; $1.00 whole trade pkt. ASPARAGUS PLUMOSUS NANUS, 90c 100, $7.00 1000. ASPARAGUS SPRENGERI, 15c 100, $1.00 1000. CYCLAMEN GIGANTEUM, Michell's Fancy strain, white, pink, red, white with eye, $1.00 100; $9.00 1000. Mixed colors, 90c 100, $8.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

Asparagus Sprengeri, fresh, 15c 100, $1.00 1000, $4.00 5000. Cyclamen per. gig., sep. colors, 75c 100, $6.00 1000. Berger's Never Fail pansy, finest mixture, 25c 1000, $1.00 5000. Pandanus utilis, $1.00 100, $8.00 1000.
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Wholesale orders solicited.

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Selaginellas, 4-in., $6.00 per 100.
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2000 strong, 3-in. smilax, grown for my own use, $1.50 per 100. Changed plans necessitates disposing of them.
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Smilax plants, strong, bushy stock in 2½-in. pots, $15.00 per 1000. Cash with order.
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Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100; $9.00 per 1000.
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Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
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Smilax, 2½-in. pots, $1.75 100; $15.00 1000.
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200 smilax that is smilax. Make me an offer.
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2,000 smilax, 3 to 4-inch, $3.00 100, cash.
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Smilax, 2¼-in., $2.00 100; $15.00 1000.
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500 dwarf stevia from 3½-in. and 4-in. pots, stopped back, 4 to 8 branches, fine and stocky, $6.00 100, cash. F. C. Goble, Verona, N. J.

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Stocks, Boston Florists' and Princess Alice, strong plants from seed bed, 75c per 100; 2½-in. pots, $2.00 per 100.
Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000.
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Sumach, cut-leaved Stag-horn, new, very ornamental, large stock, 2 to 4 ft., 10c to 15c.
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Umbrella plants, good 4-inch stuff; 400 plants, 6c each. Cash.
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Umbrella plants. Nice 2¼-in., $2.00 per 100. Walnut Hill Greenhouses, Independence, Mo.

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CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Golden Self-Blanching, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants, 15c 100; $1.00 1000. Cabbage—Jersey Wakefield, Charleston Wakefield, Lupton. Lettuce—White Loaf, San Francisco Market.
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Several hundred fine sorts of rhubarb for immediate setting, $5.00 100, cash.
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Lorillard tomatoes, 3-in., $2.25 100. Cash. Satisfaction guaranteed.
Ray H. Palmer, Randolph, N. Y.

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J. C. Schmidt Co., Bristol, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $20.00 1000.
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Vinca variegata, strong plants, long vines as lifted from field, $5.00 per 100; $40.00 per 1000. C. M. Niuffer, Springfield, Ohio.

Vinca variegata, field-grown, fine, $1.00 per doz., $8.00 per 100. Cash or approved credit.
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Vinca variegata, strong field-grown plants, with long vines. $5.00 100; $40.00 1000, cash.
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Princess of Wales, fine, healthy stock, propagated from plants wintered in the open ground, a natural rest, you know what that means. 2-in., $2.00 per 100; $18.00 per 1000; 2¼-in., $2.25 per 100; $20.00 per 1000.
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10,000 violet clumps, field-grown, clean and healthy. Cash prices. L. H. Campbell, $4.00 per 100. Swanley White, $4.50 per 100. Princess of Wales, $5.00 per 100. The violet grower,
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Violets, Marie Louise and Princess of Wales, $4.00 per 100. Cash. Money returned if not all right. Frank Berry, Stillwater, Minn.

20,000 field-grown violet plants. Marie Louise, Farquhar and California; clean and healthy, $5.00 100; $45.00 1000.
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Field-grown, strong, healthy plants of Marie Louise violets, $5.00 100; California, $3.50 100. Cash. C. Adams, Helena, Ark.

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Violets, A1 stock from 3-in. pots; also field-grown Lady Campbell, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Violets, fine, field-grown, California, Princess of Wales, Lady Campbell, $4.00 per 100.
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500 Princess of Wales from field, $6.00 per 100. R. D. Kimball, Waban, Mass.

Marie Louise violets, strong, field-grown, $4.00 100. Davis Bros., Geneva, Ill.

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Violets Lady Campbell, field-grown, $4.00 100.
Converse Greenhouses, Webster, Mass.

Violets La France; fine, field clumps, 5c.
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Alternantheras, $3.00 per 100. Geraniums Mme. Sallerol, $6.00 per 100; Alp. Ricard, $6.00 per 100. Vincas and myrtle, creeping, field-grown, $5.00 per 100. Honeysuckles, $7.00 per 100. Feverfew, strong, bushy plants ready for 6-in. pots, $6.00 per 100. Cash with order.
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To Exchange—200 McGowan, 100 Hoosier Maid, field-grown, 4 weeks in pots, for pinks, or will sell at 4c each. J. Loehrer, Boone, Iowa.

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Galax leaves, fresh, extra fine. Write
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Peerless glazing points are the best.
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NICOTICIDE kills all greenhouse pests. Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

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Leaf-mold and orchid peat. Send for prices and samples. Chas. Wage, Ohioville, N. Y.

Leaf-mold and orchid peat. Write for prices.
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Kramer's pot hangers. Neat, simple, practical. Write.
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Red pots. Write for prices and sample pot.
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Sphagnum moss, clean and fresh, 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00.
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FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

When a flower bud is forming at the apex of each shoot on a chrysanthemum growth ceases for a brief period. In a few days each shoot will be bristling with new growths, especially immediately under the newly formed bud. When it can be determined that the bud is perfect in form, all these shoots should be removed. This is what is meant by the term "taking" the bud; really taking the bud in charge is what is meant.

Clerodendron fallax has on several occasions been strongly recommended for its usefulness for conservatory decoration during the summer months. The best way is to grow it in considerable numbers and to take the plants to the conservatory when coming into bloom.

Begonias contribute materially to the many attractions of the greenhouse in the Royal Gardens, Kew, and afford object lessons of much value to visitors. Especially noteworthy in the center of the house are the splendidly flowered examples of Begonia cocinea, a robust erect-growing species, bearing in profusion large clusters of bright coral-red flowers; and President Carnot, a magnificent variety, similar in character to the foregoing, but more robust in growth, and producing larger and more richly colored flowers. The specimens of the first-named are about four feet in height, while the examples of the latter range from four to six feet, and, with their numerous clusters of bright red flowers are very effective.

Spiraea Arguta.—The shrubby forms of spiræa are now innumerable, but however rigid a selection is carried out, this must on no account be omitted. It forms a dense bush about four feet to five feet high, and toward the end of April the slender, gracefully disposed branches are crowded with clusters of pure white blossoms. A great recommendation is its comparative indifference to frosts and cutting winds, which often play havoc with many early flowering shrubs. This spiræa is of hybrid origin, having been raised, on the Continent, between S. Thunbergi and S. multiflora. It is sometimes employed for flowering under glass, a purpose for which it is well suited.

Impatiens Oliveri is a handsome species that has the promise of proving of considerable value for decorative purposes. This species was discovered by the late Joseph Thomson, at Lykipia, Tropical East Africa, at elevations ranging from 6,000 to 8,000 feet, with flowers scarcely more than one and a half inches across. It is a point of some interest that while the flowers of the wild plants are white, the flowers of the plants under cultivation are of a rose-lilac hue.

Within the last fifty years great changes have taken place in plant culture, many subjects at one time popular having almost disappeared from cultivation, while, on the other hand, some (tuberous begonias, for instance), then completely unknown, are now met with in nearly every garden. Through all these vicissitudes the zonal pelargonium (geranium) has held its own as a general favorite, not, however, always represented by double-flowered forms, for these did not make their appearance till 1865.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

Amaryllises, when the bulbs are dried off and quite at rest, may be wintered in any structure where the temperature does not fall below 38 degrees. This may be considered a safe limit, although once in my experience a batch of bulbs which had commenced to throw up their young leaves were accidently subjected to a temperature which was one or two degrees below freezing point, without apparent injury to either leaves or bulbs.

The proper maintenance of hedges under any circumstances entails no small amount of labor, but by cutting at the right season, while the growth is soft, labor is considerably lessened as compared with that which is required to cut hardened growths. Moreover, winter or spring cut hedges frequently bulge out at the top and look unsightly all the year. The same thing may, of course, happen by cutting in August, but at that time the fault is more easy to remedy, and early autumn trimming produces a neat hedge during the greater part of the year—autumn, winter, spring, and part of summer. This cannot be said to be the case with pruning deferred to winter or spring.

Lonicera Hildebranti.—I lately visited Robert Veitch & Son's nursery at Exeter, and among many other interesting things saw this giant honeysuckle in fine bloom in a glasshouse. I cut a couple of bloom-trusses to take home with me, and found on measuring the perfect flowers that they were five inches in length, and nearly three inches across the open mouth. The blossoms are bright yellow in color and very fragrant.

Begonia Socotrana.—Prior to the introduction of the newer varieties of winter-flowering begonias, one was always endeavoring to induce this species to flower in the early part of the winter, but the necessity for this no longer exists, and it is now most useful when in bloom at its proper season, which is from about the middle to the end of winter. Let the clusters of bulbils be divided into smaller clusters of about six or eight, and pot these in loam, leaf-soil and sand, using small, well-drained pots. This begonia enjoys a high temperature and a moist atmosphere, and should be grown near to the glass, in order to prevent the flower-stems from becoming drawn. When the plants are well rooted they should be afforded a shift into 5-inch pots, which will be sufficiently large enough for all but very strong plants to flower in.

When the growths of peonies have withered, cut them off, and fork over the soil lightly, then apply a mulch of good rotten manure, and afford water afterwards if necessary. These remarks will apply to the Moutan as well as to herbaceous varieties. Remove all shoots from the stocks of Moutan peonies that appear below the grafts.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

MORE DETAILS NEEDED.

I have a plant heating two houses, which worked perfectly until last season. There is a separate flow and return for each house. Last winter one house would get too hot and the other too cold; not always the same house. When we start to fire one flow will get hot and the other stay cold, the return getting hot first, sometimes one and sometimes the other. No one seems to know what is the matter. Can you help me? W. T. S.

Without a definite plan or description of the arrangement of the pipes and boiler in your system it is impossible to suggest a solution for the trouble. There are numerous causes which might lead to the difficulty you describe, but without a full detail of the plant we can only guess at the real cause. Send a sketch of your plant, and a description, and we will endeavor to solve the problem. L. C. C.

WAPPINGER'S FALLS, N. Y.

F. R. Pierson, of Tarrytown acted as judge of the fourth annual show of the Wappingers Dahlia Society Sept. 16 and 17. It was a very successful exhibition, although many of the out-of-town exhibitors who had been expected sent word that their stock had been destroyed in the big storm the night before. Among the professional exhibitors were H. N. Cottam, Adam Laub & Son, H. A. Dreer Co., Henry Osterhout, gardener for W. P. Clyde, and John Galvin, gardener for Irving Grinnell, who won the silver cup for best display. Most of the exhibits were the work of the amateurs of the vicinity.

Fort Dodge, Ia.—Twenty-four hours after P. L. Larson's loss by hail the new glass was on the way from Chicago and repairs were being made.

HAMMOND'S SLUG SHOT
For Sow Bugs!

TESTIMONIAL:—We were simply being eaten up with sow bugs and could find nothing that would kill them off half as fast as they increased until about a year ago, when we tried Hammond's Slug Shot, and to-day our houses are almost clean of them and we have used less than 200 lbs. in eight greenhouses. That Slug Shot is good. Respectfully,

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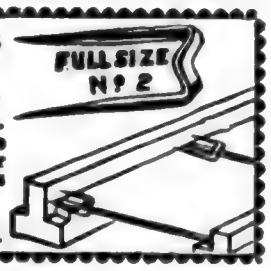
Little Rock, Ark., Sept. 24, 1904.

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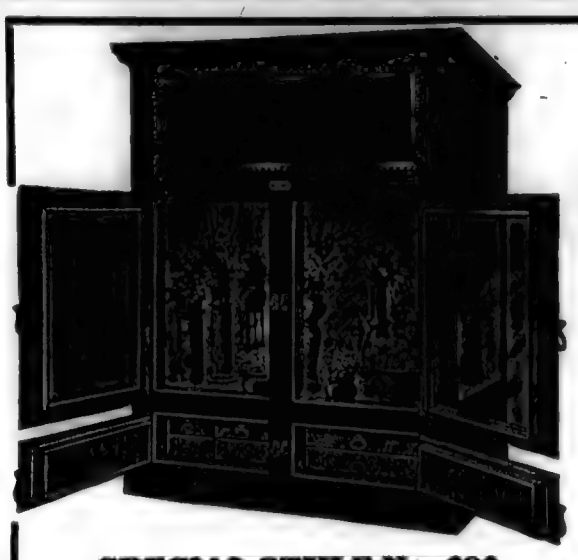
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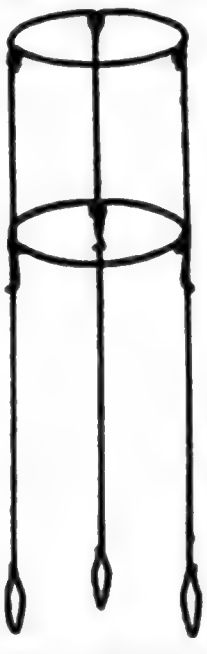
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Are all flower growers liars?

SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 975, 978, 979, 980, 981, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

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I have a ten-section Carmody boiler heating two houses 25x75, separated by a partition, two feet of glass in one side of each, south end glass, except two and one half feet, shed across north end. I was told when building to put in eight runs of 2-inch pipe and so put eight under each bench, thinking that was the meaning of my instructions. Judging by the answers to queries in the Review, I begin to think I have too much pipe, even for Nova Scotia. I want 56 to 60 degrees in one house and 45 to 50 degrees in the other.

I have to shift my boiler, as it is not deep enough. The top is now about eighteen inches above the level of the coils and the circulation is poor. The main flow and return are 4-inch, branching into 3-inch. In fitting the boiler hubs the maker used 3½-inch couplings in place of 4-inch nipples. I wrote to him about it and he said it would make no appreciable difference so near the boiler. Is the boiler large enough? How deep should it be set? W. C.

I do not have the rating of a ten-section Carmody boiler but the manufacturers will undoubtedly gladly give the radiation the boiler is supposed to carry. In your case a boiler with a capacity for heating at least 1,200 feet of radiation should be provided. The house to be run at 56 to 60 degrees should have twelve runs of 2-inch pipe the length of the house and the house to run at 45 to 50 degrees should be provided with ten runs of 2-inch pipe. The distribution of the pipes will depend upon the construction of the benches, which is not stated, as well as the direction of the prevailing winds. If it is possible to lower the boiler so as to bring the top of the boiler eighteen inches to two feet below the radiation pipes, the circulation will be quicker and the heating more satisfactory than it will be with less fall. One 3-inch riser should be sufficient to carry the radiation in either of these houses.

L. C. C.

Syracuse, N. Y.—P. R. Quinlan & Co. are adding two greenhouses and a propagating house to their plant at Onondaga Valley, pictured in a recent issue of this paper.

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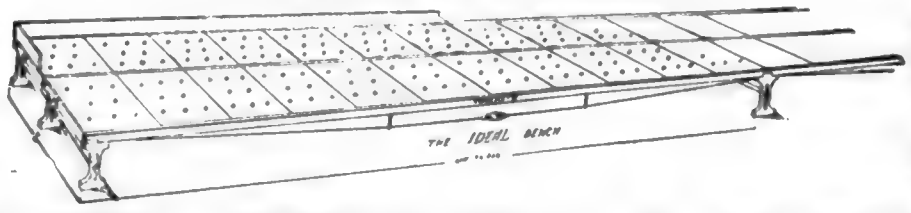
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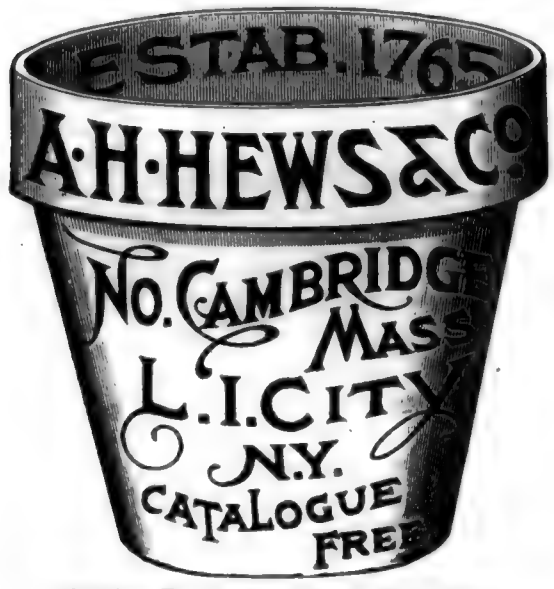
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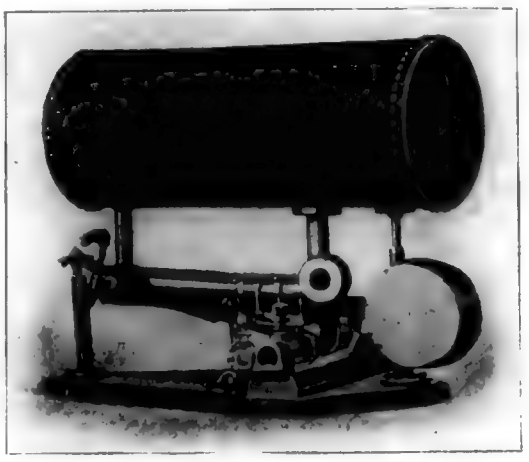
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TOO MUCH HEAT.

I have a ten-section Carmody boiler heating two houses 25x75, separated by a partition, two feet of glass in one side of each, south end glass, except two and one half feet, shed across north end. I was told when building to put in eight runs of 2-inch pipe and so put eight under each bench, thinking that was the meaning of my instructions. Judging by the answers to queries in the Review, I begin to think I have too much pipe, even for Nova Scotia. I want 56 to 60 degrees in one house and 45 to 50 degrees in the other.

I have to shift my boiler, as it is not deep enough. The top is now about eighteen inches above the level of the coils and the circulation is poor. The main flow and return are 4-inch, branching into 3-inch. In fitting the boiler nubs the maker used 3½-inch couplings in place of 4-inch nipples. I wrote to him about it and he said it would make no appreciable difference so near the boiler. Is the boiler large enough? How deep should it be set? W. C.

I do not have the rating of a ten-section Carmody boiler but the manufacturers will undoubtedly gladly give the radiation the boiler is supposed to carry. In your case a boiler with a capacity for heating at least 1,200 feet of radiation should be provided. The house to be run at 56 to 60 degrees should have twelve runs of 2-inch pipe the length of the house and the house to run at 45 to 50 degrees should be provided with ten runs of 2-inch pipe. The distribution of the pipes will depend upon the construction of the benches, which is not stated, as well as the direction of the prevailing winds. If it is possible to lower the boiler so as to bring the top of the boiler eighteen inches to two feet below the radiation pipes, the circulation will be quicker and the heating more satisfactory than it will be with less fall. One 3-inch riser should be sufficient to carry the radiation in either of these houses.

L. C. C.

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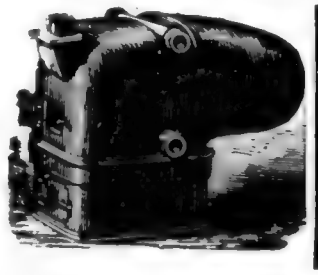
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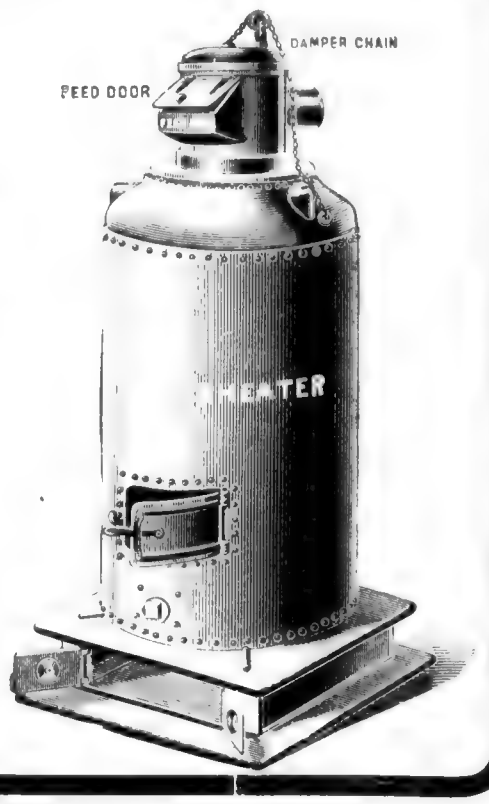
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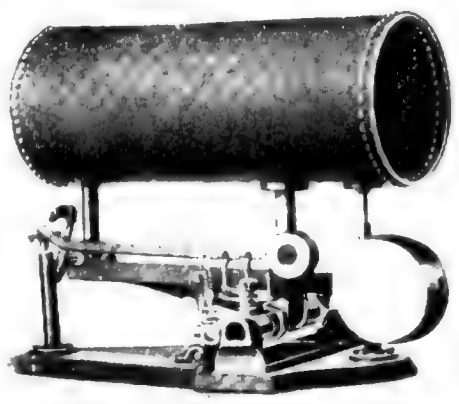
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G. L. GRANT, Editor and Manager.

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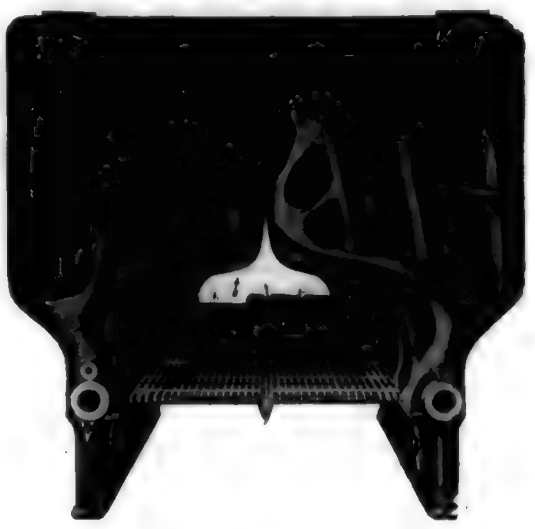
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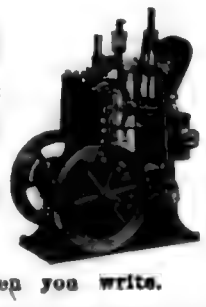
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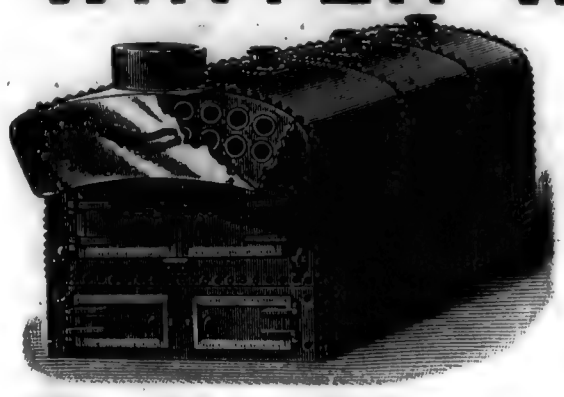
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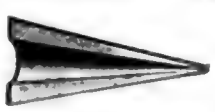
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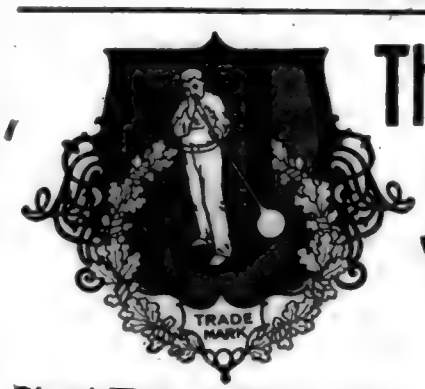
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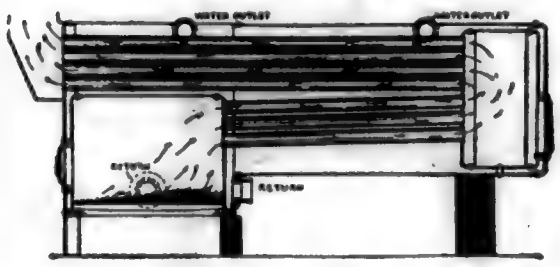
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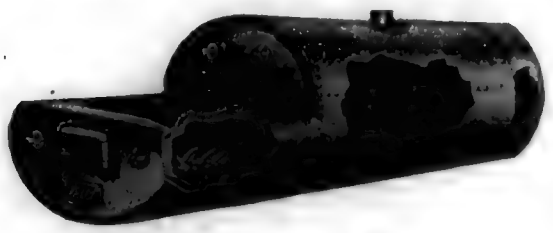
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Steel HEATING BOILERS.

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Let us hear from you to-day. All sizes in stock.

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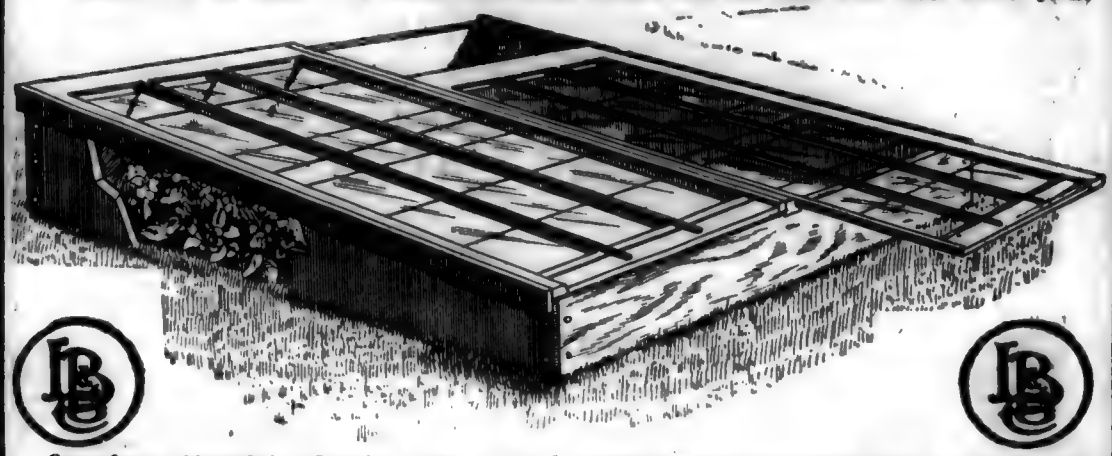
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Greenhouse Material, "Special Putty" and Greenhouse Glass always carried in stock.

Send ten cents to our New York Office for Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue, five cents postage for each.

Write to-day for Price List of Hotbeds.

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Galvanized Steel Patent "U" Bar Greenhouses.

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Structures erected complete or material furnished with plans ready for erection.

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40	boxes	8x10	50	boxes	10x18	25	boxes	12x18	35 boxes 14x18	200 boxes 16x18
11	"	12	25	"	24	40	"	24	40 " 20	50 " 20
200	"	10x12	25	"	12x12	20	"	25	20 " 24	200 " 24
25	"	14	25	"	14	100	"	14x16	100 " 16x16	

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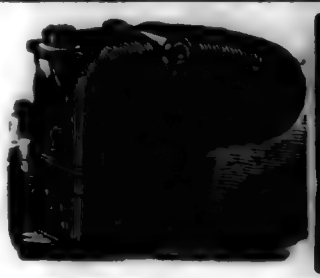
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FLORISTS' PUBLISHING CO., 530-538 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, OCTOBER 13, 1904. No. 359.

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Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
Bulbs 7 to 9 " "	200	"	8.00	75.00
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Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

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75c a hundred; $6.00 a thousand.
5000 for $25.00.

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AMERICAN BEAUTIES, two years old, for forcing, $8 per 100.
CARNATIONS, FIELD-GROWN, Harlowarden, crimson, extra strong, 4c; Alba, white, 4c; Reliance, 6c; Prosperity, 4c; Nelson, 4c.

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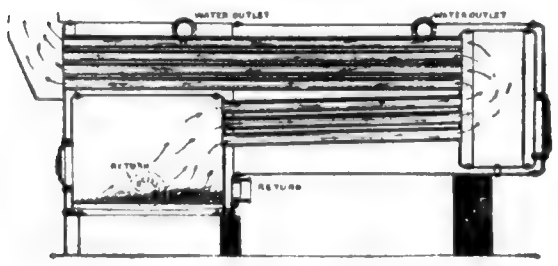
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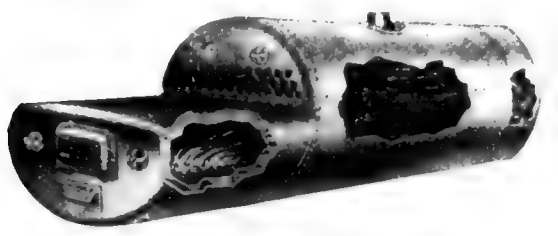
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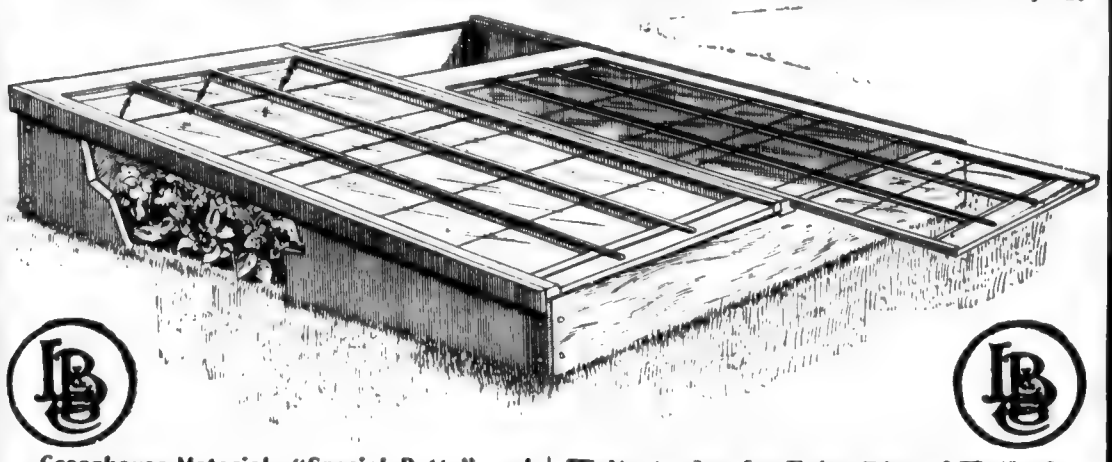
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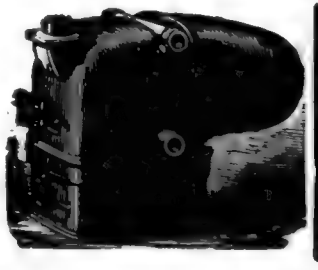
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Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00		
" "	6	22-24	6-7	1.50		
" "	7	30-34	6	2.00		
" "	7	32-34	6	2.50		
" "	8	34-38	5	3.00		
" "	9	34-40	6	6 00		
" "	10	40-46	6-7	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00		
" " made up.	7	30-36		1.50		
" " single.	7	32-36	5	2.00		
" " single.	7	34-38		2.50		
" " made up.	8	42-48		3.00		
" " single.	8	36-40	5	3.00		
" " single.	10	58-64	6-7	8.00		
Areca Lutescens	4	14-16			3.00	
" "	5	20-26			5.00	
" "	6	26-30			9.00	
" "	7	32-36		1.00		
" "	8	34-38		2.50		
Latania Borbonica	2					5.00
" "	3					7.00
" "	4	12-14			1.50	12.00
" "	5	14-16	5-6		3.00	25.00
" "	6	16-18	5-6		6.00	45.00
" "	7	18-20	7-8		12.00	75.00
Phoenix Canariensis	4				2.50	20.00
" "	8			2.50		
" "	12	46-52		5.00		
Ficus Elastica	4	10-12			3.00	
" "	5	14-18		.50	4.00	
" " Branched	5				6.00	
" "	6				9.00	
" "	7			1.00		
Araucaria Excelsa	4	tiers	2-3		6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddeliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00		
" "	6			1.25		
" "	7			2.00		

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus' Utilis	3				$2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					$4.00
" "	5				3.00	
" "	6				5.00	
" "	7				9.00	
Nephrolepis Piersoni	6				6.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50		
Adiantum Cuneatum	2					3.00
" "	3				1.00	8.00
" "	4				1.50	
" "	5				2.00	
Ferns for Dishes	2	fine assortment				3.00
" "	4				1.50	
Dracaena Indivisa	4				1.25	10.00
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangena	5			1.00	12.00	
Dracaena Terminalis	4				3.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	
" "	5				2.50	
" "	6				4.00	
Asparagus Sprengeri	2					3.00
" "	3				.75	6 00
" "	4				1.50	10.00
" "	5				2.00	20.00
Asparagus Decumbens	2					4.00
" "	3				1.00	5 00
Asparagus Scandens	3				1.00	8.00
Fittonia Verschaffeltii	6	beautiful foliage plants			4.00	
Fittonia White	6	" " "			4.00	
Maranta Massangeana	6	" " "			4.00	
Maranta Lietzii	4	" " "			3.00	
Crotons	3	" " "			1.00	8.00
Crotons	4	" " "			3.00	
Poa Trivialis Var	3					6.00

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Roman Hyacinths, 12x15	$24.00
Dutch Hyacinths, mammoth, to name	65.00
Dutch Hyacinths, No. 2, to name	35.00
Narcissus Von Sion, double nose, The Champion	18.00
Narcissus Von Sion, single, mammoth	15.00
Freesia Refracta Alba, mammoth	7.50

Prices on all other bulbs — **Tulips, Azaleas, Rhododendrons, Roses, Spiraeas, etc.**, given by writing to

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Bale of 300 lbs., $1.50.

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Paper White True Grandiflora, 1400 to case, 13 cms. up. French stock, not the **cheap Italian.** 100, $1.00; 1000, $8 50; case 1400, $12.00.

	100	1000
Von Sion, mammoth double nose	$2.00	$19.00
Von Sion, very large, select	1.50	13.00
Von Sion, good flowering, strong bulbs	1.25	10.00
Bicolor grande, the finest, largest trumpet for late Easter forcing, 25c doz	1.75	15.00

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White Roman, 11x13	2.50	22.00
White Roman, 12x15	2.75	25.00
Dutch, finest named, first size	6.50	60.00
Dutch, " " second size	5.00	45.00
Dutch, fancy grade, 17 cms., separate colors	3.50	33.00
Dutch, 15 cms., separate colors	2.75	25.00

TULIPS.	12	100	1000
Belle Alliance, scarlet	30c	$2.00	$18.00
Cottage Maid, white and rose	15c	.90	8.00
Duc Van Thol, scarlet	15c	1.00	9.50
Keizerskroon, red and yellow	20c	1.10	10 00
L'Immaculee, white	15c	.75	6 50
La Reine, white	15c	.75	6.50
Pottebakker, scarlet	25c	1 50	14 50
Vermilion Brilliant, finest scarlet	40c	3.00	27.00
Yellow Prince	20c	.85	7.50
Superfine Mixed, single	15c	.75	6.50
Dbl. Gloria Solis, red brown	20c	1.25	12.00
Dbl. La Candeur, white	15c	1.00	9.00
Dbl. Duc Van Thol, red and yellow	15c	.75	7.00
Dbl. Imperator Rubrorum, scarlet	30c	2.00	19.00
Dbl. Rex Rubrorum, scarlet	25c	1.25	12.00
Tournesol, red and yellow	20c	1 50	14.00
Superfine double mixed	15c	.75	7.00

CALLA ETHIOPICA.	100	1000
3x5 inches circumference	$3.00	$25.00
4x6 " "	5.00	45.00
5x7 " "	7.50	70.00

All have sound, fine center shoots.

GLADIOLI COLVILLEI ALBA. (The Bride.) Indispensable to every florist.
Pure white, strong bulbs, 100, 70c; 1000, $6.00
Rosy red, strong bulbs 100, 65c; 1000, 5.50

CYCLAMEN PERSICUM GIGANTEUM in all colors, bulbs 1½ to 3 inches, superb, per doz., $1.00; 100, $7.00.

GERMAN IRIS.

Are splendid for forcing or outdoors. Named choicest sorts (Send for list), doz., 75c; 100, $5.00 All sorts, mixed in the most brilliant colors, doz., 40c; 100, $3.00.

SPANISH IRIS.

Named sorts or to color, separate, white, blue, yellow, purple, 100, 40c; 1000, $3.50. Mixed, all colors, 100, 30c; 1000, $2.00.

FREESIA REFRACTA ALBA.

We offer to close out a surplus stock. French and California stock.
⅜—½ 100, 30c; 1000, $2.75; 5000, $12.50
½—¾ 100, 50c; 1000, 4.50; 5000, 20.00

OXALIS Grande Duchesse, Giant Flowers, white or rose, or lavender ..... 100, 75c; 1000, $6.00; 5000, $25.00.

LILIES.

Harrisii, latest dug stock. **SEMPER IDEM BRAND.** Unexcelled. Special Clearance Offer for Seasdn.

5x7	per case of 400,	$10.00;	100, $3.00
6x7	" " 800,	10.00;	100, 4.00
7x9	" " 200,	12.00;	100, 6.50

CHINESE SACRED LILIES.

Per basket, 30 bulbs $1.50
Per mat of 4 baskets, 120 bulbs 4 50

LILIUM LONGIFLORUM—JAPAN.

7x9-inch, extra fine stock, 100, $4.00; 1000, $35.00
9x10-inch ..... " 7.50; " 70.00

NOTE—All bulbs are 20 at 100 rate; 200 at 1000 rate.

FERNS for Fern Dishes, from 2¼-inch pots.
FINEST ASSORTMENT 100, $3.00; 1000, $25.00
FERNS from Flats, grand assortment 100, 1.50; 1000, 12.00

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WHEAT SHEAVES,
Wicker Pot Covers, Plant Stands.
Mention The Review when you write.

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SUPPLYING SOIL ELEMENTS.

Stock which has been growing freely since planting time should now have the soil well filled with roots, the small feeders of which will now be so close to the surface that further cultivation will be sure to destroy or injure them, and ought therefore to be discontinued.

To provide sufficient food for coming crops and to supply the elements which have already been absorbed a light mulch should be applied as often as the plants require it. To obtain the full benefit of a mulch it is not necessary to put it on thick, as this excludes the sun's rays from the soil and prevents the beneficial action of the air on its surface, an inch thick being amply sufficient at this season. Besides, small and frequent applications are better and safer than to take any risks by giving an over-dose.

There is no better or safer material for this purpose than decomposed cow manure, and to render this fit for immediate use it should be passed through a screen of ¾-inch mesh and about one-third of its bulk of good fibrous loam added. This gives it weight and helps retain it in its place on the bench when water is applied. To this compost can be added a 6-inch pot of desiccated bone meal to each bushel. The whole should be thoroughly incorporated before being spread evenly over the surface.

For some weeks after applying the mulch a careful inspection of the benches each day will be necessary, as appearances are very deceptive. The manure in the mulch absorbs and retains the moisture, giving the bench the appearance of being moist enough, when a careful examination may disclose the fact that the soil underneath the mulch may be bone dry.

When the mulch has become partly exhausted a top dressing of unleached wood ashes will greatly benefit both foliage, stem and color of bloom. This being a very concentrated form of food, will require to be used with caution, as an over-dose will quickly sicken the plants and cause the young wood to wilt. For a first application one bushel will be sufficient to cover 100 square yards of bench. After the plants get accustomed to this kind of food they will thrive on double the quantity.

Most of our rose soils are deficient in calcareous matter as regards culture under glass and, where that element is also low in the water supply, means should be taken to supply this want from time to time. This can be supplied in the form of air-slaked lime, a generous sprinkling of which can be given at least once a month all the year around.

A serviceable fact to bear in mind is that bone meal and lime in combination release so much ammonia that no rose will succeed where it is used, the foliage being sure to suffer from even a slight application.

Beauties, being gross feeders, require more attention in respect to food than Brides and other teas, but the fact that they are heavy feeders does not warrant us in giving them an extra heavy mulch, as they are just as susceptible to overfeeding as are our most delicate varieties of teas. Also, if they are once sickened it takes them a much longer time to recover. RIBES.

PLANTS FROM FIELD.

We would like some information on roses. Can we take tea roses from the field into the greenhouse with any success and how should we treat them? They are about the size of 4-inch pot roses and have been in the field since last spring, set out from 2½-inch pots. Can we take up tea roses and make dormant plants of them, and how shall we treat them? A. T. B.

It is an easy matter to bring tea roses to a dormant condition and transplant into the house with success. This is being done quite frequently with Californian stock. I, however, think it would be a losing transaction to lift such small roses from the field and plant at this late season, as it is an established fact that roses are rarely a success financially unless we can get them into crop about the holiday season, and these plants can hardly be in condition to bear a crop till spring.

To get them to make a start in the house they should be lifted when the soil is dry and transplanted into good, rich soil. Give one good watering around the roots, keep the house cool and moist until root action commences, shade the house lightly for a week and syringe once a day during bright weather. As root action commences, which will be indicated by the eyes beginning to swell, gradually increase the supply of water and give air more freely. Remove the shading as soon as the eyes begin to break. Until the leaves develop and young shoots begin to appear the temperature should be kept at about 50 degrees at night, not to exceed 55 degrees during the day, if possible.

This method of culture has been tried by many experts during the last ten years, but that they do not follow it up is a sure indication that it is not a wholly satisfactory one. RIBES.

MISCELLANEOUS SEASONABLE HINTS.

The Dutch Bulbs.

You will find time now to get all the Dutch bulbs into flats, reserving enough for your bedding trade, and let me say just here that there is no hurry about planting hyacinths and tulips for next spring's outdoor display. The very best display of tulips we ever saw were put into the ground near the end of November when it was very wet. No need to wait quite so late or to have the ground unpleasant to work on, yet it is well known that late planting of these bulbs gives a better and more lasting show in the spring than those planted early. To be definite, say, the middle of November will be right.

Outdoor Bulb Displays.

Be sure and plant deep enough. Six inches is not too deep. The bulbs will work up toward the surface during early spring. And plant thick enough. If you have a customer who wants a twelve-foot circular bed of tulips and can only afford to buy 200 bulbs, persuade him to make the bed only six feet across, or, better still, prove to him that a twelve-foot bed needs about 450 tulips to be really handsome. About six inches apart is a good distance for tulips and the same for hyacinths. Where large quantities, say 5,000 or 6,000 in one bed, are used the inner rows can be planted thinner with just as good effect, because you look over them and if they were one foot apart they would still look a dense mass of bloom. Yet a small bed sparsely planted is a chilly looking object and some nice green grass is pleasanter to look upon.

While on this subject it is as well to say that a covering of four or five inches of stable litter should be spread over the beds after real winter has set in, not so much to keep out frost, for it's doubtful if the hardest freezing does them any harm, but toward spring the alternate freezing and thawing brings the bulbs to the surface and injures the buds which are already peeping through the ground. Remove the winter covering as soon as hard frosts are over or before much top growth is made.

Bulbs for Forcing.

To return to the forcing operation, there is nothing new to add to what already has been so often told. Briefly, use flats three inches deep and always a uniform size. A light soil, or the old

carnation soil that you threw out last summer will do. Put the bulbs in thickly, almost touching, and you will save space, time and labor. Soak the soil in the flats and then lay some old boards down on the open ground and place the flats on them. We don't mean a whole floor of boards, but a strip at each end of the flats, so that they lift up clean when you want to bring them in to force.

After the first thorough watering has soaked in, cover with three inches of soil. Some use tanbark. And that's all that's needed unless the weather is dry. If so, you must give these beds a thorough watering once a week or the soil in the flats will be dry and little root growth will occur and they will be in poor condition to force. After the soil covering the flats has an inch or so of frost in it, cover the beds with six inches of stable litter.

Now we have never failed to have good tulips and daffodils with these methods, yet our winters vary so much in duration, severity and amount of snow that I have seen us have to actually chop the flats out with an ax. At other times the snow was so constant and heavy that frost never even entered the soil or tanbark covering the flats and by April 1 you would see the green leaves of Yellow Prince shoving up through soil and litter into daylight. That's not good. It does not often occur, but to keep the top growth dwarf until forcing time is desirable.

Bulb Stock in Pans.

Bulbs that we grow in pots or pans we prefer to put into frames or where, in addition to the covering of soil, we can protect them with sash or shutters, because if frost should reach the pots and pans there would be a good deal of breakage. Many growers of hyacinths put them in flats as you would tulips or Roman hyacinths for cutting. Then at forcing time they lift them carefully out of the flats without losing any of their roots and make them up into pans or single pots; they flower just about as well as those put into the pots or pans in October.

We constantly during winter make up 8 to 12-inch pans of single tulips taken from flats in full flower and there is no fraud or harm in doing so, for the customer has just as much pleasure from them. Yet there are some bulbs that we grow especially for Easter that we much prefer to put into the pans now, viz., Von Sion narcissus, Murillo and Tournesol tulips and first-class Dutch hyacinths.

Storing Canna Roots.

Our late heavy frost has killed the cannas almost to the ground, so at the first opportunity dig them up, shake off most of the earth, cut off the stems five or six inches above the roots and lay them under a bench where there is little or no drip. We often learn how to do things right by observing cases where "how not to do it" was the method. A bench where pot plants are used and where the drip through is copious is the worst possible place for these roots. A carnation or rose bench, where little drip should occur during winter, is a good place for them, but don't put them on the ground. Lay down some boards to keep moisture away from them or the eyes will start growing, which will be a loss. Do your best to keep the varieties apart, so that there is no risk of their getting mixed. The roots are not so distinguishable to the average florist as Enchantress and Lawson carnations and when a bed of Tarrytown produces a few plants of Kate Gray or David Harum they are out of place.

Caladium Esculentum.

The Caladium esculentum is so cheap that it does not pay to go to much trouble over them, still if you have a lot of medium size corms it will cost little to dig them, cut the stem off nine or ten inches above the root and lay them under a warm, dry bench. These you need not put on boards, as the slight moisture arising from the ground keeps them just right.

Dahlias.

We have been more encouraged with dahlias this summer than for many years past. In August and September they flowered finely and sold well. Cut the stems off a few inches above the ground, shake off the soil and store them anywhere that the temperature is about 40 degrees. Where potatoes will keep is a good place for the dahlia tubers.

Make up your mind to grow some dahlias this winter. What little I know will be told later. It is easy to do very satisfactorily and profitably. The roots now dug up and that have flowered this fall may be all right for starting at New Year's for an Easter crop, but I would rather depend on roots especially prepared for the purpose, that is, grown in pots during the summer and ripened off early, so that they would be more willing to start. A low bench where you have grown chrysanthemums and can keep a night temperature of 50 to 55 degrees is the place and the cactus and pompon varieties are the types to grow. There is no "crop" about them. They will flower from April to July. We considered our 100 plants of dahlias last spring a decided ten-strike.

Gladioli.

Wherever potatoes will keep, so will gladioli. The gentlemen who grow ninety acres, or one-third of it, must have cellars or cool houses especially adapted for their purpose. A dry basement where there is a furnace is too dry for these roots and corms. But laid out in shallow flats or boxes, beneath a bench in a cool house, will do very well.

Cyclamen.

This is the time to sow cyclamen if you want fine plants for Christmas, 1905. They can be sown from September 1 to New Year's. This month is all right. Keep in a temperature of 55 to 60 degrees and keep moderately moist. Cyclamen seed is rather slow to germinate, so have patience and keep the weeds picked out. Now here is a case where baking the soil that is to be used to cover the seed is most beneficial. It may be nearly three months before the little plants are ready to transplant. In that time you may have a botanic garden on the surface of the soil. A few minutes roasting of this small quantity of soil will kill seeds of all the coarser weeds, as well as the many species of minute plant life that quickly infest any vacant territory. William Scott.

THE RETAIL FLORIST.....

GIVE A MUM SHOW.

Why don't you wake things up a bit this fall? It isn't so very difficult and usually it's quite worth while in point of profit. Besides, have you no pride in having your place known, in seeing your business grow, not only for the money there may be in it but for the pure joy of doing things? By the way, did you ever notice that the fellow who does rational things for the mere joy of doing is usually the one who has all the money he needs to do things with? No, it isn't the money that does the things; it's doing the things that makes the money, usually.

There are not many florists so slovenly that they wouldn't do more business if their places were better known. Get the people in, treat them politely, don't urge them, mark the prices on a few things and they'll buy. If not this time, they'll come again. But don't urge; nobody will come back to a place where he can't get away unless he makes a purchase or leaves his self respect.

But to get the people? That's not so hard. Give a chrysanthemum show. If you grow your own stuff it's easy. Clean up the greenhouses; fix up the store. Engage a couple of men to fiddle. Get a punch bowl, fill it with pink lemonade and get a pretty girl to serve. Possibly it will be worth while to give each lady a rose, each gentleman a carnation; but what will you give the children? That's always a problem when you begin to give things away.

Now don't forget the advertising. The smaller the town the easier this is. The average country editor is the nicest fellow in the world. Take him a box of flowers; he'll be very glad to hear that at last the town is going to have a flower show to which he and his wife are specially invited. Don't forget to tell him about the fiddles and the punch bowl. In a bigger town you will have to pay for a small advertisement to get a bigger one free in the reading columns, and in a big city it's a case of cash with order if your standing isn't known. But it's worth it. If the city is too big to draw people from all parts of it, print some handbills and distribute them in your vicinity; or print a neat invitation and mail it, but stamps cost money.

If you are a retail florist and haven't any greenhouses you can have a show just the same. You can get all the stock you need in the wholesale markets. And

you can run your show in the evening, which the greenhouse man can't, for likely he hasn't light enough in his houses.

If you give a good show and treat the people right, don't be discouraged if the attendance isn't quite what you expected. The people will all come back next year and bring their friends. And while you have your store nicely trimmed up with wild smilax, asparagus, plants and cut flowers, see that the progressive dry goods man looks in; perhaps he will want to fix up a bit for his fall opening, or perhaps not until Easter.

A WEDDING ARCH.

The accompanying illustration is reproduced from a photograph showing an original idea in decorating, conceived by an amateur for his daughter's wedding and executed by himself as a part of the floral decorations. The arch is built upon a low radiator in front of a window, the native ferns pretty effectually screening the iron from view. The floral arch itself is of well-flowered sprays of Crimson Rambler rose and with the lace window draperies, as the illustration shows, makes an unusual and attractive background for the marriage service. The idea is that of W. W. Ainsworth, Des Moines, Ia.



An Arch of Sprays of Crimson Rambler Rose.

A GOOD CENTER-PIECE.

A dahlia not often seen in the western cut flower markets is Twentieth Century. It could not help but sell. It would be a profitable investment for anyone to grow a batch for his wholesale market and it would pay every retail florist who has a high-class trade to either grow a few for his own use or to arrange to have someone grow some for him. The flowers are large, single, white, with pink center. This fall they have been in very good demand in the large cities of the east, where moderate quantities have been offered. For dinner table centerpieces nothing is finer. Put them in bowls or baskets with Adiantum cuneatum, Croweanum or Farleyense.

MAKING MOTTOES.

Almost all of the motto making that is done is of either flowers or foliage. The former, of course, is the more elaborate and expensive, and the letters should be made, with few exceptions, after the style of the ordinary shallow floral design. Flowers of good keeping quality, uniform size and one color should be selected, and stemmed on half picks, and the letter frame filled according to the practice for the construction of other plain, solid designs. Special care should be exercised to have the letters proportioned correctly, and when fastened on the wall, placed in exact lines. Have as marked a contrast between the background and letters as the laws of color allow. No background but a plain one is fit for lettering. If the wall is figured substitute a temporary background of plain paper or fabric. Letters made on sphagnum-filled frames are too heavy and thick to tack or nail to the wall, but must be suspended like a picture, with wire, from the moulding above. It is a nice task to suspend the letters on a line and it is well in any case to mark off the line, carpenter-like, before beginning to hang the letters. Make plain capital letters all the way through the motto. Letters of nine to twelve inches in height and wide in proportion can be seen plainly in any ordinary hall or church.

More commonly used and easily made are letters of stiff cardboard covered with green or autumn foliage. According to the season, use lycopodium, arbor-vitæ clippings, oak, English ivy or brilliant red, bronze or yellow autumn leaves. draw out the cardboard letters free hand and cut with sharp knife or scissors. If you are a woman, you will naturally us the latter weapon, but if you belong to the sterner sex, of course you will never condescend to cut with anything but a knife. A very satisfactory letter covering for summer decorations is well-matured green oak leaves. Lay them end for end on the letter and sew through and through with silkaline. There is just enough fantastic variation in the outline of the oak leaf to give an ornamental touch to the letter. In some places, however, a little trimming of the edge of the leaf will be necessary. Letters so constructed are light and one tack in each will secure them in place on the wall. If letters must be made smaller than the above dimensions, trim the leaves to the exact size of the letter after they are sewed on. Unless kept very cool, green oak leaves and autumn foliage will begin to curl about the third day after cutting. In this and all other decorative work keep doors and windows closed to exclude draughts of air, for breezes are worse than heat on cut flowers.

For Christmas or later winter decorations, holly, arbor-vitæ or lycopodium mottoes are the most durable. Make holly letters like the oak, by sewing. Arbor-vitæ may be either sewed or wrapped on the letters. Small clippings are the most easily handled. If lycopodium is to be used, choose the sprays and construct letters as described above with the oak and arbor-vitæ. Scarlet immortelles make good motto material for winter occasions.

If the sentiment of a motto can be expressed by a good symbolic design, make that in preference to lettering.

If it becomes necessary to manufacture your own background, as is mentioned above, and there is enough foliage at hand, make a brilliant background of sumach, oak or maple leaves, and the lettering in green over it, or make a holly background and lettering of red immortelles. If plenty of space is available, and expense permits, letters might be made of smilax wrapped on the face of the letter forms with silkaline. Still other materials suitable for this work are galax leaves, leucothœ, laurel or other foliage of tough or woody structure.

Gertrude Blair.

FLOWERS BY TELEGRAPH.

Put a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the Review and select a man to whom to telegraph the order. You will find it a very satisfactory source of new business.

STORING CUT FERNS.

Please tell us how to put up common ferns so they will keep during the winter. I am new in the business and shall appreciate the information. M. G.

Although the correspondent does not say so, it is supposed from the fact that his letter is dated in northern Michigan, that he proposes to go into the woods and gather hardy ferns for his own use. This is done by many in that locality. E. E. Pieser, of the Kennicott Bros. Co., Chicago, says that so far as he knows they each have some sort of rough cellar in which the ferns may be kept just below freezing. They are gathered and packed in boxes, perhaps with a little sphagnum moss between the layers of ferns, although this is not necessary. The boxes usually have holes bored in the sides to admit air. The point is that the box must become frozen through and kept just below freezing until the stock is wanted; then the case is removed to a place where it will thaw out

very gradually. Alternate freezing and thawing spells ruin. As to keeping ferns in artificial cold storage, the wholesale florists, particularly in Chicago, have spent thousands of dollars in trying to find out how it should be done and have not yet discovered the way to insure success. Sometimes the ferns keep; sometimes they don't. It is a speculative proposition.

As to keeping ferns bought in moderate quantities from the wholesaler, as good a way as any is to put them in buckets of water, standing the ferns as many as will go in a bucket, with water two inches up the stems. Cover with damp cheesecloth and place in the room where carnations are ordinarily kept. See that the cloth is kept dampened and water in the bucket.



VARIETIES IN FLOWER.

The list of varieties ready for cutting is growing every day and now begins to include the big fellows. Lady Harriet, Alice Byron, Halliday, Mrs. Coombes, White Coombes, Mrs. T. W. Pockett and in a day or two more, Robinson.

Alice Byron as an early white is peerless and how this variety filtered into the trade and established itself as a top-notcher without any previous heralding is one of the mysteries that has never been satisfactorily explained. Byron has been planted largely this year by the commercial growers and is giving great satisfaction.

Mrs. Coombes is now quite largely grown as a pink and its white sport, which will be introduced next year, will undoubtedly be well received. As is often the case with a sport, it shows some rejuvenation and is a stronger grower than the parent, but otherwise is similar, in foliage and every other respect. This white sport appeared last year with President Arthur Herrington, of the C. S. A., at Madison, N. J. Whether it has appeared elsewhere through the country I have not heard, but it is quite possible.

Cutting and Shipping.

It is a very wrong practice, though quite common, to cut the flowers, pack them in boxes, and ship them to market without having them stand in water for some time. When one gets a rush order and has to ship at once, there is no help for it, but under ordinary conditions it is far better to cut the flowers one day and ship them the next. Twenty-four hours is not too long a time for the stems to be soaking up the water and if the shipper has ever seen the difference in the appearance of flowers so treated, and flowers shipped without having been in water, when they are unpacked, he will need no further advice on this subject. Let the receptacle in which the flowers are placed to soak up the water be large enough and deep enough so that the stems will be kept upright and not bent over. Then the water has a free passage direct to the flower.

In packing the flowers in the boxes do not be sparing of the tissue paper, as a mum badly bruised is a very hard proposition to sell at any price. Pack carefully and securely and have a little tissue paper between each flower to keep them from rubbing on each other. If the stems and foliage do not fill the box in the center, press them down and hold them fast by nailing a slat or two across inside the box, to prevent them from thrashing around.

A litte care spent in packing is time well spent, since the labor of months is represented in the flowers and if they get bruised and spoiled they may be set down as a dead loss. Brian Boru.

"TAKING" THE BUD.

"Taking the bud" of chrysanthemums is a technical term for the selection of buds likely to produce the finest blooms. There are many points to which the grower must give attention if he would achieve success in the cultivation of chrysanthemums, and one of the most, if not the most, important points is "taking" the bud, for, as all who have had experience with the culture of chrysanthemums know, the buds, to furnish first-class flowers, must be selected within a few days of the proper time for each variety, and more especially if required for exhibition. As so well known to experienced cultivators, the flower from a bud taken too early is rough and poor in color, whereas if the bud should be taken late, the flower will be of a good color, but greatly lacking in size. The buds of some varieties require to be taken early in August, while others, such as singles and pompons, as late as the end of September, but to know the varieties, and when the bud should be taken, also whether the crown or terminal bud is the best, can only really be learned by personal experience. To have first-class blooms the buds must be taken at the proper time, and the only way to bring this about is by studying the peculiarities of each individual variety that one is growing, i. e., the proper time the bud should be taken, also the length of time the plants take from their first natural break to the crown bud, and in some instances from the latter to the terminal. For example, the best colored flowers of Viviand-Morel are those from the terminal bud, and should be taken during the last week of August. To be able to do this, if the plants do not show their natural break by the first few days in May, the points should be taken out, which will cause the crown bud to show itself about July 20, and the terminal toward the end of August, this variety taking twelve weeks from first break to crown bud, and five weeks to the terminal, altogether seventeen weeks from its first break, or when it was stopped, to the terminal bud. "Taking the bud" is simply selecting the bud from which the bloom on each shoot is to be produced, and carefully removing the others.—Gardeners' Magazine.

CHRYSANTHEMUM SOCIETY.

In addition to the special premiums for the Boston exhibition published last week, as arranged for by the C. S. A., the following are arranged for by the Massachusetts Horticultural Society:

The Massachusetts Horticultural Society offers for the best fifty blooms of chrysanthemums of one or more varieties to be shown in the society's large china vases five special prizes, $60, $50, $40, $30 and $20.

The Gardeners' and Florists' Club, Boston, offers for twelve blooms of any chrysanthemum of current season's introduction in America, three special prizes, $25, $15 and $10.

William Nicholson, Framingham, Mass., offers for the best vase of 100 white carnations, a special prize of $10.

Patten & Co., Tewksbury, Mass., offer for the best vase of fifty blooms of Carnation Mrs. M. A. Patten, a special prize of $10.

Peter Fisher, Ellis, Mass., offers for the best vase of fifty blooms of Carnation Nelson Fisher, a special prize of $10.

Work of Committees.

There was one variety before the New York committee, Saturday, October 1, as follows: Merstham Yellow, exhibited by Wm. Duckham, Madison, N. J.; color canary yellow, Japanese, scored (new) commercial scale 90 points.

The variety, Mme. Clementine Touset, was exhibited by the E. G. Hill Co., Richmond, Ind., before the Cincinnati committee, Saturday, October 8; color white; Japanese, scored commercial scale, 90 points.

Fred H. Lemon, Sec'y.

THE READERS' CORNER.

Retrogression or Progression?

It was at Kansas City, was it not, in 1902 that John Thorpe reverted? That is, reverted to the antediluvian method of staging chrysanthemums on mossed boards, without stems. In the same year the silver tongued E. Gurney Hill induced the Chrysanthemum Society to afford the weak-stemmed progeny of European raisers the poor support of a bamboo plant stake re-enforcement, ill-concealed beneath the foliage. So much for retrogression.

In which direction is the C. S. A. headed with its new scale. Is it progression? Not being a chrysanthemum grower, I do not know. I have a notion there will be a difference of opinion among those whose opinion is entitled to some little consideration. Let us put the old scales and the new side by side for comparison. Here they are:

Commercial Scale.	New.	Old.
Color	20	25
Form	15	25
Fullness	10	15
Stem	15	
Foliage	15	10
Substance	15	10
Size	10	15
Total	100	100

Exhibition Scale.	New.	Old.
Color	10	15
Stem	5	10
Foliage	5	10
Fullness	15	10
Form	15	15
Depth	15	Dist 25
Size	35	15
Total	100	100

To one who looks at these scales from the vantage point of disinterestedness it seems that the new commercial scale is

an improvement over the old. It seems that the points taken from form and fullness, and possibly color and size, were well bestowed upon stem and foliage and particularly upon substance in a flower under judgment as to its usefulness to the cut flower trade.

Looking at the exhibition scale, distinctiveness has been dropped. Does that mean that, in the estimation of the committee, the whole gamut has been run? Have the mum growers ceased to strive for variety? Is a striking novelty no longer of value? Is size the one consideration? I see it gets thirty-five points. But no, size cannot be all; form, fullness and depth get a total of forty-five points. That would make the ideal mum a pretty nearly round, incurved flower, would it not? Five points for stem and five for foliage looks like the Thorpe and Hill ideas had prevailed, but not Hill's, either, for he needs foliage to hide his stick. Evidently color doesn't cut much ice if only your exhibition mum is big enough.

It is a good thing to get these scales before the interested parties prior to their final adoption. The executives of the C. S. A. took it upon themselves to do this in an effectual way. I only mention this in passing to say that had the committee "with power to add to its numbers" been responsible for the use of a scale before its formal adoption it would by now be time for a number of estimable gentlemen to let off steam.

PEONY.

WORLD'S FAIR FLOWER SHOW.

The management of the St. Louis World's Fair is very desirous of having a flower show on the exposition grounds before the close of the chrysanthemum season. Overtures were made to the St. Louis Florists' Club looking to its coperation with the Department of Horticulture in an exhibition which should be on a scale commensurate with the extent of the exposition, but the proposition was not favorably received. It was then suggested that the Chrysanthemum Society of America lend its name to the undertaking. The proposition is still under consideration. The idea is to conduct the show along the lines of the World's Fair flower show at Chicago in 1893. Whether this can be done inside the exposition grounds—for it necessitates charging an extra admission fee to the show—remains to be seen. Otherwise the finances would have to be provided wholly by the World's Fair management. There should be little difficulty in securing the co-operation of the C. S. A., through its officers and executive committee, to the extent desired for any exhibition which would redound to the credit of the flower it represents. But quick work is necessary as the time is short. In case the show eventuates P. J. Hauswirth, of Chicago, is spoken of as superintendent.

CATALOGUES RECEIVED.

Phoenix Nursery Co., Bloomington, Ill., trees and plants; C. & M. Wild, Sarcoxie, Mo., peonies and dahlias; John Lewis Childs, Floral Park, N. Y., gladioli and bulbs; Thaddeus N. Yates & Co., Philadelphia, nursery stock.

FORT SMITH, ARK.—This city now has six progressive florists, each doing a profitable business.



Alocasia Regina.

ALOCASIA REGINA.

This beautiful species can be called a true alocasia. The following from Bailey's Cyclopedia of American Horticulture will give you some idea of its coloring and markings: "Dark green above, with darker veins and brown purple beneath; petioles terete, pubescent, spotted purple."

There is a little more than color description in the quotation above. It is one of the most handsome species of these most ornamental foliage hothouse plants. As it is a native of that great Island of Borneo, which lies under the equator, little need be said regarding the temperature that suits it. All the alocasias are from the torrid zone, Sumatra, Java, Borneo and the Philippine islands supplying most of the species. These alocasias do not enter much into the florists' business, but in private collections of plants, in the hothouses of the wealthy and in botanical gardens, there are few more ornamental plants.

A. Regina is an evergreen species, but the growth is not active in winter. About 60 degrees during the dark winter months will do and as the season advances and growth commences, which is March or April, the night temperature should be raised to 70 degrees. The day temperature is hard to control, but if it goes to 85 or 90 degrees it will only be relished by these tropical plants. Such a summer as the last, when during July it was below 50 degrees several times, will not do for the alocasias and fire heat would be necessary. A light shade in spring and summer should be given them. A warm, moist heat with abundance of water at the roots is the great essential and during their most active growth weak liquid manure can be given with benefit.

The pots should be filled at least half their depth with clean broken crocks to insure the most perfect drainage. The compost should be two-thirds fibrous peat and one-third turfy loam, but both of these should be in lumps, not finely broken up or sifted. Add to this some fresh sphagnum moss and a few pieces of charcoal. When potting or shifting keep the rhizomes and compost raised two or three inches above the rim of the pot and surface the compost with fresh, live sphagnum. As will be seen from the description of the compost, it is very similar to that which suits many of our orchids. They do not draw their sustenance so much from the ingredients of the soil as most of our terrestrial plants are supposed to do, as from the moisture held in the compost and the humidity of the atmosphere.

WILLIAM SCOTT.

FLOWERS OR VEGETABLES.

The Rural New Yorker publishes the subjoined replies to the following question by a reader:

We sometimes hear of glass gardeners who change from flower culture to vegetables, or give up growing vegetables for flowers. There must be some good reason for such changes, and we would like to know why they are usually made.

All such cases which have come under my observation almost invariably apply to men who had never had a proper train-

ing in gardening matters. By the word gardening I mean in its full sense, viz., the cultivation of plants, fruits and flowers, both under glass and outdoors. It quite frequently happens that a man will make a start in the florists' business by growing vegetables under glass, principally lettuce, radishes, etc., knowing full well that such subjects are much more easily handled than flowering or foliage plants. If successful with the first he may add another house or two for the growing of the latter, and if he succeeds here he may be tempted to go still further and attempt the growing of cut flowers, and this is usually the rock upon which such men either go to pieces or decide to return to the growing of vegetables. With regard to the other side of the question, the turning from flowers to vegetables, I really cannot offer a satisfactory explanation, excepting that sometimes the flower market is overdone in certain localities, and a grower sees that he can do better at growing vegetables. But here is a little of my own experience which may throw some light on the subject:

Up to 1900 I had been growing violets successfully for a period of nearly twenty years, but at that time my stock became badly diseased with the so-called leaf-spot, and every season since it has been growing worse, until at last I realized that if I did not wish to lose any more money in violet growing I would have to grow something else in the same space; consequently I have decided to drop violets entirely (at least for a few years) and to grow lettuce in the same space, for there is a good local demand for choice lettuce, and I feel sure it will pay me to cater to it. Here is another illustration: We have one house (without benches) which we devote to chrysanthemums, and these are always followed up with cauliflower. Last winter a friend connected with one of the leading hotels in New York induced me to send to said hotel a box of three dozen heads of cauliflower. Immediately upon unpacking the same the proprietor telegraphed for more, and later by letter offered me $3.50 per dozen heads for all I could grow, a better price than I could get here at retail. Now I am considering the advisability of giving up chrysanthemums and devoting the house to cauliflower entirely, or of building another house for the cauliflower crop. In either case you see I am pretty sure of a good market for the cauliflower at remunerative prices.

Jesse Robbins.

The largest grower of cut flowers in the United States, Peter Reinberg, of Chicago, began business under glass as a grower of vegetables, and it was doubtless due to a belief that the cut flower business promised greater profits that he ultimately changed to cut flowers. This alert man of business now owns nearly or quite one million square feet of glass, and is a shining example of the success that sometimes smiles upon the florist. Many men who now grow flowers began with vegetables because they needed quick returns for the investment, and a ready-money crop could be had in vegetables in less time than in flowers, but no hard and fast rule can be laid down for the beginner from the fact that so much depends upon locality and the available market. The latter conditions are unquestionably the chief factors in making a choice between these two branches of horticulture, though where equal opportunities are offered for each, it is probable that the flower end would give the greater profit, but would require a larger outlay and be consequently a greater risk. There are some growers who combine the two branches profitably, for example, Robert Klagge, of Michigan, who grows both cucumbers and violets very well, but I am unable to say which end of his business Mr. Klagge finds most profitable in proportion to the space occupied. I cannot recall an example of a cut flower man who changed to vegetable growing entirely, but have known of several who combined carnations, mushrooms and tomatoes in one establishment, the object being to get a quicker and larger return from their glass than was possible by growing one crop only. W. H. Taplin.

THE POINSETTIA.

[A paper by Charles W. Reimers, of Louisville, read before the Kentucky Society of Florists, October 2, 1904.]

With its very bright and imposing bracts, Poinsettia pulcherrima is classed in botany as euphorbia, a genus named in honor of Dr. Euphorbus. Its native home is Central America. It is nature's Christmas flower, a button hole for Santa Claus, and a corsage for Kris Kringle, a flower that will remain with us as long as we observe Christmas; in time I feel assured that it will come more in prominence than holly is today. Nothing is brighter and more cheerful than a large vase bouquet arranged with scarlet bracts on stems four and a half or five feet long and set up in a church, or in a hall, or in some suitable residence. Short-stemmed flowers as well as short plants can be worked to a great advantage for a table center-piece. There are numerous ways of beautifying a window with small plants in fern pans or jardinieres. It is a flower of profit in a commercial way; no one has ever heard of a market being over-stocked; every season you can see a steady gain and wonderful increasing demand. It will never come amiss, and every grower, no matter how small he is in commercial life, should have a stock of them, it adds so much to the beauty of a greenhouse when in bloom.

The poinsettia is very easily grown. Old plants that have been from January to the middle of April on a high, dry shelf in your shed, heeled in with a little soil and in a temperature never less than 60 degrees, no water, kept perfectly dry, should by the end of April be potted in a suitable sized pot, all depending on the size of the plant. Use rose soil from a bench that you had forced roses on, to which add some old hot-bed manure and a little sand and a little bone. See that your plants are potted firmly and given good drainage. Give them a good watering and place in a warm, light house and syringe daily. Cut back the old, long canes that may be on the plants to two or three eyes from the main stem. In six weeks you will have a crop of cuttings. Never take a cutting less than three inches long. In making them see that you will have one or two leaves on the stem that you have taken the cutting off of, and in eighteen or twenty days you will have another batch of cuttings. Trim the lower leaves off your cutting so as to avoid touching the sand. They should be syringed daily. Give them bottom heat, lots of shade and air. On hot, bright days give them a soaking every day. Morning and noon throw the water all over the house, under the benches and on the glass. In twenty days they will have from one-half to a quarter-inch root, which is the best time to pot, as you will find the roots very tender and therefore very apt to break.

Pot them in 2½ or 3-inch pots. Give them new made soil that you have prepared for roses and add a little sand and a trifle bone; pulverize and mix your soil; don't have it soggy; see that the drain hole is open. Place the plants in a light house, but shade for four days should it be bright; otherwise omit the shading. Give them a good watering and syringe every day and from then on all the air and light you possibly can and you will never be troubled with mealy bugs.

Once out of the first pot you can feed freely; let the last of September be the final. Treat your plants on benches the same way. Temperature to have good flowers should never be less than 65 degress and 70 degrees will be much better. Never cultivate the soil in beds or pots and never disturb the roots in potting or planting them; don't loosen the roots as you would when you plant rose plants. Never let them get pot bound; disturbing the roots at any time is very fatal and it is very important for you to be careful. Plants for benches should be out of 2½ or 3-inch pots. Follow the above closely and I can assure bracts eighteen or twenty inches in diameter.

Don't plant in benches or solid beds later than the middle or end of June. This holds good for the plants you take your cuttings from, or plants out of small pots. You can take cuttings from



A St. Louis Florist's Wagon in a World's Fair Parade.

the old plants when planted in beds. Those taken middle of August to middle of September are the best cuttings for fern dishes and short pot plants. The canes off of the old plants can be made into cuttings, one eye at each end; place them in the sand firmly and water as you would your soft cuttings. It takes a little longer to root, but they make fine bracts.

To support the plants place two No. 18 galvanized wires one above the other, and right above the plants, with twenty-four inches space between them, running lengthwise with the bed. A few braces to stiffen the wire will be sufficient to hold your plants in position. Never use cane sticks, No. O wire for sticks in your pot plants is much better, as you will bruise some of the roots in doing this, and from the very start never bruise the bark of your plant or the roots, as the plant will bleed, which is very injurious at any stage of the game.

On December 10 stop watering and syringing; this hardens them and they will get into good shape to cut any time after December 20. If you want them sooner cease your watering accordingly. Don't take up your plants until January 1 and, whatever you do, don't give them any water, but have them perfectly dry. Take them up carefully, see that you don't bruise the roots, bunch them closely together and heel them in a bench in your shed.

Handling the Bracts.

I have tried every imaginable way of treating the cut bracts and I have obtained the best results, but with a little trouble. You have a small oil stove at the end of your greenhouse walk, with boiling water and cut your poinsettia the desired length. You want to be a little quick about this work as you want to get about three or four inches of the stem in the hot water; hold them in it about ten or fifteen seconds and take them right out into cold water. I find that by cutting just what one can handle, say six or eight of the long stems, you can have the ends together for the hot water. The idea is not to let your stems bleed, or as little as possible. Work this properly and your flower will not wilt.

Now, one other matter, and very important. If you cut a part of a stem after you have cured it, it will be necessary for you to go through the same process as you did when you cut them in the greenhouses. It would be well for all florists to remind cut flower buyers not to cut the poinsettia stem, or if they should, be sure to burn or boil three or four inches of the stem; also avoid a draught on them.

RUST ON CARNATIONS.

Will you kindly tell me of some remedy for rust on carnations. When I took the carnation plants from the field I found black spots on the leaves, which turn to a powder. I picked off all the diseased leaves before I benched the plants but have the same trouble again, especially on Flamingo, Enchantress and Wolcott. I am very careful in watering.

W. A.

I would advise you to keep the affected leaves picked off and dust the plants with air-slaked lime. Stop syringing except about once each week to keep down red spider. Do all you can to promote a strong, steady growth and your plants will soon be in shape to fight off the disease for themselves. This is not a dangerous disease like stem-rot or the leaf-spot but it is, of course, not desirable, either. A. F. J. Baur.



Lewis Ullrich.

LEWIS ULLRICH.

The subject of this brief sketch was born at Kerweiler, in Bavaria, in 1848, but was brought to America by his parents when he was in only his second year. The family resided at Monroeville, N. Y., for a time, but removed to Tiffin, Ohio, in 1862, and there Mr. Ullrich has made his home for forty-two years. He completed the public school course in 1866 and then went to Heidelberg, in Baden, to complete his education in the university founded in 1386 and restored in 1803, which is the oldest in Germany and one of the most famous in the world. Graduating there, he returned to Tiffin and devoted sixteen years to pharmacy. In 1874 he built his first greenhouse, a conservatory 15x20 for his mother's plants. At that time there was no florist in Tiffin and cut flowers were unknown to the many uses for which they are now so largelv employed. Six years later Mr. Ullrich bought a piece of ground in the suburbs and built two commercial houses, one 12x50, the other 25x50. Now he has about 50,000 feet of well kept glass, growing roses, carnations, violets, chrysanthemums and a few bedding plants. Ninety per cent of the product is sold wholesale to the florists of the vicinity. Mr. Ullrich is a participant in all local activities and has done much to widen the floricultural interests of his locality. At the same time he has earned for himself a place high in the regard of his neighbors, having served for several years as a member of the city council and three terms as county clerk. He has for years been an active member of the S. A. F. and of the American Carnation Society, so that he has a wider acquaintance in the trade than ordinarily falls to the lot of one whose business interests are so well centered. At the last meeting of the Carnation Society he delivered a speech at the banquet, to the toast "The Florist: He's a Jolly Good Fellow," which showed a rhetorical ability and a breadth of sentiment which placed the speaker in the front rank of our after-dinner orators.

A VISIT TO DUNLOP.

It was with pleasure that I read your article on John Dunlop's place, Toronto. Last winter, after leaving Detroit and the carnation show, I took a trip to Canada, visiting Toronto, Brampton and other places, and returning home via Buffalo and Cleveland. Yet my visit to Mr. Dunlop proved to be the star of the entire trip, this one being well worth the total cost of my travels. Mr. Dunlop proved so courteous, so obliging and his place so full of good points that a grower cannot leave him without acquiring material benefit. I would style him the prince of propagators, for he showed

me a bench of American Beauty cuttings, where there was by test not an unrooted one nor a yellow leaf, nor a black spot, nor a red spider; simply perfection. It was the same with carnation cuttings. I wish we could get Mr. Dunlop to write us an article on propagating. I was so impressed with his quality of cuttings that upon returning home I sent him an order for Beauties and carnations. The result is that at this writing we have a magnificent lot of Beauties from his stock and his carnation plants can be picked out by the lustre on their foliage; they are as glistening as an onion patch.

Fred Windmiller.

A PACIFIC COAST FIRM.

One of the most enterprising of the many progressive firms on the Pacific coast is Clarke Bros., of Portland, Ore. They have long had a thriving business in their home town, but six years ago came to the conclusion that conditions were more favorable for cut flower growing at Fruitvale, Cal., in Alameda county, several hundred miles to the south, where they also had the advantage of a contiguous market for whatever they could produce beyond the requirements of their own trade. The Southern Pacific gives them a direct line of communication between the two ranges, for they built at Fruitvale, one of the brothers, Ralph, being in charge there. This summer he visited the home plant for the first time in six years.

In this issue of the Review we reproduce photographs of each range and regret that no picture of the retail store in Portland was available, for it is one of the most attractive in the west. The Portland plant now consists of eleven houses, five of them 26x200 and six 22x125, running at right angles. A part of this glass was put up this summer. There is in all about 42,000 square feet of glass. This fall about 20,000 carnation plants will be on the benches, with about 10,000 chrysanthemums grown to single stem, together with large quantities of miscelleanous stock raised for the retail store and for a catalogue trade which covers the whole northwest corner of the country. The range is heated by one Kroeschell hot water boiler and one sixty horse-power steam boiler. Wood is used as fuel.

The California plant consists of three houses 26x175, three 16x175 and four 26x140, with a propagating house 12x100. This makes a total of about 38,000 square feet of ground covered. Seven houses are devoted to carnations, 26,000 being housed. The varieties are equally Estelle, Lawson, Hill, Prosperity, Enchantress and Scott, the latter being grown on account of its unequaled shipping and producing qualities. There are three houses of Brides and Bridesmaids. There is also a lath house, 40x40, devoted to smilax and asparagus, producing annually 6,000 strings. Nearly all the product from this place is shipped to the retail store at Portland. The plant is heated by two thirty horse-power steam boilers, with crude oil for fuel, it being much cheaper than coal, besides making little or no smoke or soot to obscure the glass.

A NEW ENGLAND ESTATE.

One of the finest of the many and ever increasing number of private estates in New England is that of Senator T. B. Aldrich, at Warwick Neck, R. I. This is about an hour's sail from Providence and close to Rocky Point, one of the most popular shore resorts on the Providence river, a place noted for clam bakes, blue point oysters and sundry other attractions of a fashionable nature. The estate at Warwick Neck is of comparatively new formation, only some half dozen years having elapsed since it was taken in hand. In that time an immense amount of building, planting, road making and grading has been done under the superintendence of Fred C. Green, who has charge of this beautiful estate. The grounds cover an area of 125 acres, of which 100 acres are in lawns, necessitating a great deal of mowing.

The grounds are well wooded and include some fine specimen trees, selections from those on the several old estates which were merged into the present one. An immense amount of planting has been done, including thousands of maximum and hybrid rhododendrons and an extensive assortment of taxus, thuya, retinospora, ilex, thuyopsis, picea and other evergreens and a large collection of deciduous trees and shrubs. Much of the stock was imported from Europe and it is all in fine shape.

In the extensive kitchen garden adjoining Mr. Green's residence pleasing features are the broad grass walks bordered with choice perennials and annuals, which divide the various quarters, and espalier-trained apples, pears, plums and other fruits lined on one or two walks. Storage pits for tender evergreens, hydrangeas, etc., are located here and a block of houses will later be erected on land being reserved for that purpose.

A good many interesting memorial trees are dotted about the grounds. A thrifty elm taken from George Washington's old elm in Cambridge, Mass., was planted by President Roosevelt in 1902 and there are many senatorial trees.

The buildings are practically all of stone blasted from ledges on the estate. They comprise handsome stone lodges at the entrance gates, a magnificent boat house, bowling alley, stables, etc. A fine sea wall runs the whole length of the water's edge. The views from all points of the estate are magnificent, but the best outlook is from the top of the lofty water tower, where the panorama over Narragansett bay is superb. The water supply is from driven wells, the water being pumped into a 50,000 gallon tank.

Those who would like to see a really princely New England estate should visit Senator Aldrich's beautiful Rhode Island home and they cannot fail to be delighted with what they see. In Mr. Green the estate has undoubtedly the right manager and he has many improvements still to make. We do not wonder that the senator, his unassuming son-in-law, John D. Rockefeller, Jr., and other members of his family find a delightful retirement from political and other cares at Warwick Neck.

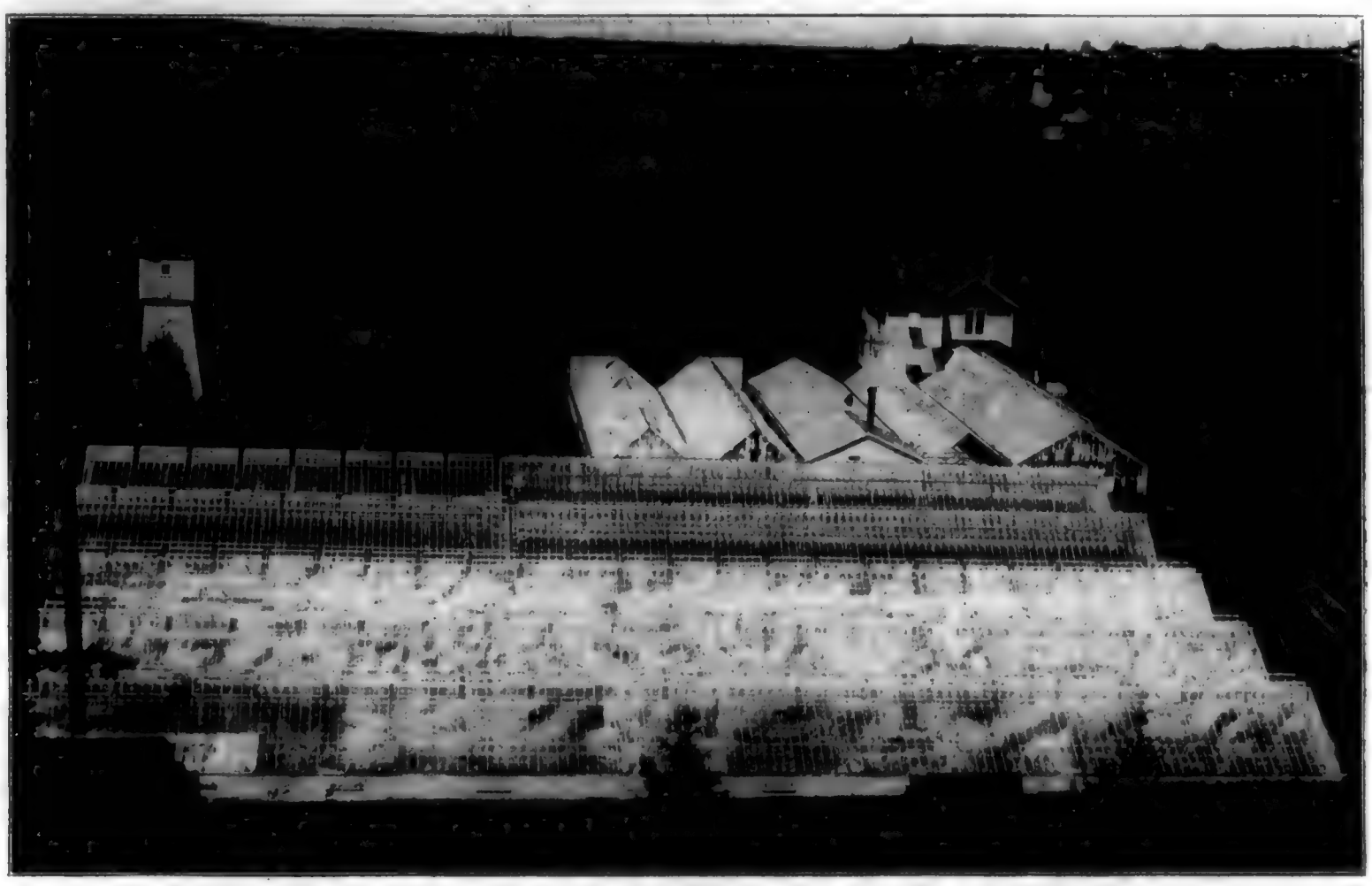
W. N. Craig.

Cleveland, O.—C. S. Fitz Simons, formerly of Lansing, Mich., is vice-president and manager of the Cleveland Floral Co., the concern organized by C. W. Fuller to take over the business of the insolvent Grant-Wilson Floral Co.

Hobart, Okla.—R. W. Aldrich has bought out Jones Bros. and will continue the greenhouse business. He is assistant cashier of the Hobart National Bank.



Establishment at Fruitvale, Cal., Operated by Clarke Bros., Portland, Ore.



Home Plant of Clarke Bros., with a Glimpse of Portland, Ore., in the Distance.

THE CALLA DISEASE.

The Bureau of Plant Industry of the Department of Agriculture has recently issued a bulletin on the soft rot of the calla lily which will be of interest to every calla grower, if not of as great practical assistance as had been hoped for by those who knew the work was in preparation. There is no doubt that the disease has brought great loss upon growers and it is to be regretted that four years of study by Prof. Townsend, much of his work being done in the greenhouses of A. B. Garden, at Anacostia, D. C., has not produced a more satisfactory result. "The successful treatment of the diseased plants was considered impracticable," writes the investigator, "and preventive measures were then resorted to. Fresh soil was obtained, also a new set of corms, but they were not planted directly in the bed. All that showed suspicious dark spots were discarded; the remainder were started in pots and transplanted. This made it possible to discard all plants which showed indications of disease after growth began.' That is simple but not eminently satisfactory to the grower who has paid good money for his bulbs and found the disease to develop in a very large proportion of them "after growth began."

There is, however, much of interest and value in the freely illustrated pamphlet of forty-four pages. The less technical parts follow:

Introduction.

Under favorable conditions the calla lily has heretofore been one of the most satisfactory plants produced either in the open or under glass. In most parts of the United States the calla will grow out of doors and will live and thrive from year to year even in the northern latitudes, especially if the corms (bulbs) are protected during the winter season. As a marketable product, however, it is more profitable if grown under glass, where under proper conditions the plants may be forced and the flowers consequently produced in great abundance at the time when they will be in greatest demand. It is under these conditions of forced growth that the plants seem to be most susceptible to disease.

The profits which arise from calla growing are derived either from the sale of the corms or of the flowers, or from both. A bed of a thousand corms, for example, will under normal conditions produce 5,000 flowers, which ordinarily will sell for about $1,000. (A very sanguine estimate.—Ed.) The corms are grown either in solid beds or in pots. As a rule the best results both as regards the size and number of flowers produced are obtained from the solid bed.

There are several diseases to which the calla is susceptible, but the most serious one with which the growers have had to contend is the soft rot that forms the subject of this bulletin. This disease has been reported from the Atlantic to the Pacific and has caused enormous losses to the growers, rendering the production of this hitherto profitable plant very uncertain. The soft rot of the calla was brought to the attention of the writer in the autumn of 1899, and it has been under his observation and study since that time.

Cause and Appearance.

Upon examining microscopically the decayed portions of the calla corms, myriads of bacteria were found to be present. These were separated in pure cultures and by repeated experiments were shown to be the cause of this destructive disease.

Several greenhouses where the disease was reported to be present were visited by the writer, who found the callas rotting off usually at or just below the surface of the ground, the disease sometimes extending down into the corm, sometimes upward into the leaves, and frequently in both directions. Occasionally the disease seemed to start in the edge of the leafstalk, in the flower stalk, or in some underground part of the corm, though as a rule it started at the top of the corm just above but near the surface of the ground. It was also noticed that the disease was worse and spread more rapidly in those houses where the callas were grown in solid beds.

When a diseased corm was cut open it was found that there was a distinct line between the healthy and the diseased portion of the corm. The healthy portion of the corm is firm and nearly white, while the diseased part has a decidedly brown color and is soft and watery. When the disease extends upward into the leaves it is the edge of the petiole that first becomes involved, the affected part becoming slimy without immediately losing its green color. As the disease progresses the edges of the leaf become pale, then brown. Pale spots becoming brown then appear in other parts of the leaf blade, and finally the whole leaf becomes brown and dead. Frequently the disease develops so rapidly that the leaf rots off at the base and falls over before it has time to lose its green color. When the disease has progressed far enough to attack the flower stalk, the flower turns brown and the stalk without having lost its color and frequently without having decayed upward more than a fraction of an inch, eventually falls over.

When the disease works downward through the corm it sooner or later reaches the roots, which become soft and slimy within, while the epidermis remains intact, thus presenting the appearance of thin-walled tubes filled with a soft substance. When the disease be-

gins its attack below the surface of the ground the lower portion of the corm frequently rots away, causing the plant to fall over without having previously given any indication of disease. An examination of the decayed corm shows that only a small part of the upper portion of the corm, with a few side roots, remains. The latter become less and less numerous as the disease advances, until at last they are unable to support the weight of the leaves and flower stalks.

Spread of the Disease.

If the conditions for the development of the disease are unfavorable after the corms are affected, the softened spots will dry down, sinking below the surrounding portion of the corm and becoming darker colored. In these spots the disease will often remain dormant until the conditions for the development of the organism again become favorable. In this way the disease is carried over from season to season, and it may be transported long distances.

The spread of the disease from plant to plant in the same house seems to be accomplished mainly through the soil. Usually the first season that the disease appears only a few of the plants are actually destroyed, but the millions of organisms which are produced during the process of decay remain in the soil, and some of them reach corms that were perfectly healthy when planted.

The nature of the soil apparently has much to do with the spread of the disease in the bed. A soil that is rich in vegetable matter is a better medium for the organism to grow and spread in than a soil that is poor in such material. Furthermore, a soil filled with humus retains the moisture better than one that is lacking in vegetable matter, a condition that greatly aids the multiplication of the organism. It often happens that the roots reach from corm to corm through the soil of the solid bed. Usually the corms are placed about twelve inches apart each way, and it is not uncommon for the plants to produce roots from six to twelve inches in length.

Remedies.

Various methods have been used with the hope of finding some remedy by which the progress of the disease could be stopped after the plants became infected. The partly decayed corms were treated with two parts air-slaked lime, with one part sulphur, Bordeaux mixture, copper sulphate solution, etc. None of the treatments, however, was entirely successful. The lime and the lime and sulphur retarded the progress of the disease, but in a few cases only did the disease seem to be entirely eradicated. The solutions used appeared to make no impression upon the disease unless they were of sufficient strength to kill the plant. A few of the plants that were scraped and left without further treatment did not suffer further decay, but the percentage of cases of this kind was very low.

The successful treatment of the diseased plants in the bed was considered impracticable, and preventive measures were then resorted to. The soil was all removed from the solid bed in which practically all the callas had decayed, and this was replaced with fresh soil. At the proper time a new set of corms was obtained, but they were not planted directly in the bed. They were first carefully examined and all that showed suspicious dark-colored spots were discarded. The remainder were started in pots and then transplanted. This made it possible to discard all plants which showed any indication of the rot after growth began. As a result no disease appeared in the bed of 1,000 callas during the entire season. The same soil was used the second and third years and the same precautions were taken in regard to putting into the bed only healthy bulbs, so far as possible, with the result that while a few diseased plants appeared successful crops of callas were grown. Very little of the disease has appeared owing to the precautions that were taken in changing the soil and in selecting healthy corms.

It is safe, therefore, to state that the soft rot of the calla may be prevented or held in check sufficiently for all practical purposes by changing the soil every third or fourth year, depending upon the number of cases of rot that appear, and by exercising due caution in selecting only healthy plants for the bed. Diseased corms may often be detected, even in the dormant state, by examining for discolored spots, but it is safer to start the plants in pots, even after the corms having discolored areas have been rejected, to insure getting as few diseased plants as possible in the bed, since experience shows that some corms are so slightly affected that the disease is not easly detected in the dormant state. Some growers prefer to keep their plants in pots throughout the season as a preventive measure against the rot, but as a rule callas grown in this manner do not produce as large flowers as when grown in a solid bed.



Boston Ferns at J. R. Johnson's, Passaic, N. J.

BOSTONS AT PASSAIC.

New Jersey is noted for its rose factories, but none the less worthy are its plant growing establishments from the fact that they are less frequently spoken of. At Passaic one of the most successful, if not one of the largest growers, is J. R. Johnson, who does the Boston fern in first-class style. The accompanying illustration shows one of his houses of this ever more popular plant.

PHILADELPHIA.

The Market.

The black frost which closed last week effectually settled dahlias for the season, leaving only cosmos and some field-grown carnations of the outdoor flowers. The demand this week has been good, both in and out of town. Chrysanthemums are increasing rapidly in numbers. Prices are lower, of course, but so far have held exceptionally well, owing to the brisk demand. Roses, carnations and valley are good sellers, but the sale of violets appears to depend on the weather. There are quite a lot of orchids in the market. They are very useful for the weddings; so also is cosmos in a more modest way. Gardenias have made their appearance in numbers, both west and east of Sixteenth street, while at No. 11 South they have sweet peas. A few other features are good shipping orders for wild smilax, valley, etc., reported by the Leo Niessen Co., and a good demand for Beauties and some remarkably well-grown Glory of Pacific reported at S. S. Pennock's.

The Flower Market.

The second annual meeting of the stockholders of the Philadelphia Wholesale Flower Market will be held in the secretary's room at Horticultural Hall, Broad street below Locust, at 10 a. m., on Monday, October 17. The statement by the treasurer of the Market's business for the past year will be made and the election of three directors for three years each will be part of the business meeting. The directors whose terms expire are Alfred Burton, David Rust and Herbert G. Tull. It is understood that all three are candidates for re-election.

Mr. Tull and Mr. Burton have worked hard for the Market. Mr. Rust, who was but recently elected to fill an unexpired term, has given valuable assistance. Immediately after the meeting the stalls will be sold at auction at the Market, 1235 to 1237 Filbert street. The rental of each stall is $60 a year. The leases will run from November 1, 1904, to July 15, 1905.

Kennett.

The Baltimore Central Railroad is blocking the Wilmington-Oxford trolley, so that the southern terminus is now a country road a couple of squares outside of Avondale. These trolleys run, or rather whizz, along every hour, an infrequent schedule, which compelled D. T. Conner and Phil to omit a number of places, notably Roney Bros. and Connell.

at West Grove, Joseph Renard & Sons, at Avondale, that the pair would like to have seen and to whizz past Isaac Larkins' and Bancroft's into the town of Kennett.

Kennett is famous as being the home of Bayard Taylor and of William Swayne. To the latter place the visitors at once repaired. There they found the genial Mr. Swayne, hard at work with his force of men in one of the carnation houses, looking not a day older than when Phil last saw him there ten years before. Well might he sing

"Men may come and men may go,
But I go on forever."

There have been changes at Kennett in these ten years. Some familiar faces have gone and some are here, but in other paths.

Mr. Swayne's place looked remarkably well. At that time some carnation houses were planted. Mrs. M. A. Patten and Boston Market were in excellent condition. Many of the other varieties were still in the field, awaiting a little drying out. They have since been planted and are now ready for their winter's work. A large number of the best varieties are grown, both for the flowers and for rooted cuttings, an important branch of the business.

There are a half dozen or more houses of chrysanthemums, chiefly early and midseason sorts, which can be marketed in time for other crops to follow. All the chrysanthemums were in fine condition. Kept apparently on the dry side, they were close-jointed, with foliage down to the ground and all neatly disbudded, a pretty sight. Mrs. Kalb, white, is the earliest sort here. It was cut September 28. Glory of Pacific with its sports, Estelle, Polly Rose and Cremo, new, are important factors. Ivory on the front benches, where there is little head room, is here in quantity. Then there are Colonel Appleton, white and yellow Bonnaffon and several others. An evener, healthier lot could not be desired. Mushrooms are grown and shipped to several eastern markets. There are also some violets.

After Mr. Conner had had a few words about the details of the new house which his company has furnished, and Mr. Swayne had said a few kind words about both the senior and junior partners of William J. Baker & Co., who handle his Philadelphia shipments, the visitors said farewell.

Next came a call on Hicks & Son. All the flowers cut on this thriving place are shipped to the Leo Niessen Co. The junior received his callers cordially and showed them the carnations and mushrooms, both just starting nicely. Mr. Hicks apologized for not having the newer and fancy carnations. Anybody who can grow Portia, McGowan, et al, so well need not apologize for sticking to them. Everybody can't. Show horses are all right; work horses are mighty useful. Both McGowan and Portia looked just as well here today as ten years ago; that is something to be proud of, too. A peep at the mushrooms, a word with Mr. Hicks, Sr., and the Philadelphians were off as the shadows lengthened to catch the late afternoon train for home. Success to Chester county and all its florists.

Doylestown.

Charles Fox and Fred Ehret spent a pleasant afternoon in the county seat of Buck's county last week. They spent a couple of hours with John F. Andre and report his Brides, Maids and Beauties in tip-top condition. They also visited E. B. Darlington's, of Burpee & Co., who has seven houses devoted to cut flowers and greens, and Nelson Snedeker, who grows roses and other flowers. The stock on both these places gave promise of good results.

Various Notes.

C. F. Edgar has resigned from the firm of Charles F. Edgar & Co. The business will be carried on with vigor by R. C. Hayden, who is secretary and treasurer, and William Muth, manager. Mr. Hayden has been in the firm since it was organized as C. A. Dunn & Co. His connection with the new firm is a guarantee of its financial responsibility. Mr. Muth has had experience and is a hustler who should make his mark. The name of the new firm is the Philadelphia Cut Flower Co.

An auction sale of foliage plants was held on Wednesday and Thursday at Forty-ninth and Market streets. John P. Cleary sold stock of Robert Craig & Son, William K. Harris and John and W. H. Westcott under the hammer. A number of out-of-town buyers were present.

L. R. Hancock, of Burlington, N. J., is sending fine Glory of Pacific and Polly Rose chrysanthemums to the Leo Niessen Co.

Casher and Geo. L. Pennock, of Lansdowne, are sending exceptionally fine Golden Gates to their brother, S. S. Pennock.

Henry J. Faust, of Merion, is sending fine Kaiserins and Adiantum Croweanum to Fred Ehret.

Jasper Lorimer, of Croydon, is sending giant daisies, both yellow and white, to the Flower Market.

Paul Richter, of the Henry F. Michell Co., states that John Kuhn, of Fifth and Tabor streets, has a fine lot of field-grown Dracæna indivisa.

A. J. Pennock has been sending some heavy shipments of his royal strain of valley to S. S. Pennock.

W. and Harry F. Evans, of Rowlandville, are sending four Cs, choice chrysanthemums, carnations, and Caiserins to the Leo Niessen Co.

J. J. Habermehl's Sons have been very busy with decorating lately.

Edward Reid is justly proud of several letters received from cities to which his flowers have been shipped. One from Charlotte, N. C., was very encouraging, another from Charleston, S. C., also most gratifying. Mr. Reid is receiving fine carnations, valley and chrysanthemums.

Eugene Bernheimer has been willing to talk yellow chrysanthemums to his chosen friends, a subject that very few wholesalers have found very interesting so far. He is also handling nice Polly Rose and Glory of Pacific.

William J. Baker's chrysanthemums sold so well on Saturday and Monday that he didn't have to unpack them. Just think of that!

Albert Woltemate read a paper on hardy herbaceous plants before the Germantown Horticultural Society in Association Hall on Monday evening.

"Germantown's Rare and Notable Plants" is the title of an attractive little booklet just published by E. C. Jellett. There are many good photographs, including a fine oak on Rabbit Lane, the late L. C. Baumann, Wakefield, and George Redles.

Nearly every man in town says he has seen "the rare bug" described in last week's REVIEW. It is not curious that some men should have seen, or should have thought they had seen, this bug or one of its kind, but that so many men should think they had seen it and say so is most remarkable. PHIL.

NEW YORK.

The Market.

This week opens with a return to almost summer temperature. The effect upon the market can easily be imagined. This, with the flood of chrysanthemums, makes a further postponement of the fall season inevitable.

The last week's business was rather more encouraging. The cooler weather, with its effect upon the outdoor flowers, made a shortage in supply that reflected favorably upon the rose and carnation demand. The retail windows are brilliant with chrysanthemums and autumn leaves and a general appreciation of the value of artistic decoration is evident in every part of the city. Asters, dahlias, and gladioli have departed. They certainly held the center of the stage beyond their allotted time and can well be spared.

Roses and carnations are coming in splendidly and the best stock is gradually appreciating in price. Orchids are again abundant but never in excess of the demand. Violets have improved in quality but the large shipments and the light call for them keep the price for the best down to 50 cents per 100.

Club Meeting.

The monthly meeting of the New York Florists's Club was held on Monday evening, President Traendly in the chair and over forty members present. The final report of the outing committee was read, showing a satisfactory balance. A belated report of transportation was made by Chairman O'Mara, who also read the elaborate reports upon the visits of the investigating committee at the establishments of the F. R. Pierson Co., of Tarrytown, A. L. Miller, of Brooklyn, and John Scott, of Flatbush. A discussion arose as to the granting of a gold medal to Mr. Scott, the recommendation of the committee granting the silver medal as the highest possible award of the club being finally adopted. A silver medal was also given to F. R. Pierson Co. for their sport of Piersoni.

Jos. Fenrich and J. H. Pepper were elected members of the club and John Scott proposed J. H. Kemper, Peter Wagner, F. A. Lord, Robert Wilson and Herman Dreyer. One of the members suggested an award of a gold medal to Mr. Scott for so creditable a demonstration of practical interest in the club's welfare.

Committees were appointed to draw up suitable resolutions on the deaths of three of the club's members, Dean Hole, an honorary member; John Reickert and J. B. Hyatt. The Vilmorin memorial in Paris was discussed by H. Beaulieu.

The exhibition of flowers was not as extensive as expected, no gladioli or asters being left. Mr. Beaulieu showed dahlias. A new fern was shown by Bruce Butterton, gardener for E. J. Berwin, of

Newport, an adiantum somewhat like Croweanum, a further exhibit being asked for by the committee and further inspection before an expression of opinion could be intelligently given. Wm. Duckham's exhibit of new chrysanthemums earned the thanks of the club. The committee of awards especially noted the earliness of the varieties and their great commercial value. Elsie Fulton is a French variety distributed in England, very early, of good size, twelve inches in diameter, extra heavy and of rare purity of color. The immense Merstham Yellow is from Australian seed raised in England, was perfectly formed and ready for exhibition as early as October 1. It has a perfect stem and foliage and the flowers exhibited were grown in 6-inch pots. The stock of both varieties will be distributed through C. H. Totty, of Madison, N. J.

The second Monday in November will be chrysanthemum night at the club rooms and the largest exhibit of the year should then be made. Special nights will continue until the end of the year, at one of which the ladies will again be welcome. The average attendance for 1904 to date has been about seventy-five, the best record in the club's history.

Various Notes.

William Siebrecht, of Astoria, whose son is an electrician, is quite in the fashion with his new automobile, rendered safe by the possession of a chauffeur in the family.

Much sympathy is felt for James Hammond in the loss of his only daughter. The funeral from St. Michael's church last Wednesday was largely attended and the floral offerings were numerous and beautiful, many of his brother wholesalers sending handsome remembrances.

Two very handsome windows of Scottii fern grace the entrance to the completed orchid emporium of James McManus.

C. W. Ward, of the Cottage Gardens Co., Queens, is expected home from Europe on Saturday.

M. A. Bowe had some fine designs at the reception to Mme. Schuman-Heink at the opening of the Broadway Theater last week. A star ten feet high of American Beauties on an easel, with a center crown of Liberties and white carnations; the German and American flags in scarlet carnations, lily of the valley and violets, also a laurel wreath, were conspicuous.

A visit to the immense palm factory at Carlton Hill, N. J., found the head of the house, Julius Roehrs, Sr., back from his European tour in splendid health and quite enthusiastic over recent importations, especially the new standard pyramid bays called Kaiser Kronen, a decided novelty. Twenty-seven houses are now devoted to orchids, of which Mr. Roehrs has several hundred varieties.

One of Reed & Keller's latest novelties is a small folding ball, for which a great demand is already developed.

Jos. Millang, manager of the New York Cut Flower Co., has been rearranging his floor space so that all offices are now located at the sides and the whole room is open, thus adding greatly to the efficiency of the service.

Wm. Ghormley is installing a new and much larger ice box fitted with electric lights and divided so that different temperatures are maintained in its separate compartments. Mr. Ghormley's health is greatly improved and he is on deck daily.

Young & Nugent's new store is now complete and its decorations and facilities are of the best and its window displays of orchids daily most attractive. A setting of 300 cattleyas last week was a feature. Mr. Nugent's father, John B. Nugent, Sr., has recovered from a serious illness.

"Jack" Gallatin, who was at one time in the florists' business on Fifth avenue, is now a full fledged actor in the Baroness Fiddlesticks company.

Last week in Dard's eight-story apartment house, 341 Madison avenue, the ground floor of which is occupied by his fine store, a gas explosion occurred that threatened serious consequences for a time.

Brooklyn's interest in floriculture seems to be increasing if one may judge by the number of new stores opening on Fulton street. At 5901 Phillips & Filchett have a very pretty place in the theater section and a few blocks above, Robert G. Wilson, at the corner of Greene avenue, has one of the largest and most artistically decorated establishments in the city. A new greenhouse is now being constructed at the back and the mirror effects, with birch bark trimmings covering the walls of the entire store, are a credit to Mr. Wilson's taste and originality.

The annual exhibition of the American Institue of New York, November 10 to 17, promises to be one of the greatest ever seen in this city. Great preparations are in progress and a large interest is developing, not only in this vicinity but in many adjoining states. With no conflicting dates, it should land at the head of the procession.

A live count from sunny Italy gives tone to the force in one of the wholesale and retail stores on Twenty-eighth street.

Guttman's and Weber's new red carnation, No. 3 seedling, has touched 6 cents during the past week. The supply is yet limited.

Geo. Cotsonas & Co. have moved to their main store, 45 West Twenty-ninth street, retaining their branch at 53 West Twenty-eighth street. They report a good trade and are much pleased with their new quarters.

Bowling.

The preliminary meeting of the New York Florists' Bowling Club took place on Friday evening and the attendance was quite encouraging. A permanent place of meeting has not yet been secured. The prospects for a large membership are good and the best possible selection of alleys and evening satisfactory to the majority will be made. The scores last week were:

Player.	1st	2d	3d	4th	T'l
Fenrich	162	185	148	168	663
Kessler	192	134	138	168	632
O'Mara	152	154	168	136	610
Shaw	166	158	167	110	601
Burns	150	142	146	155	593
Traendly	137	141	144	151	573
Marshall	110	108	153	135	506

Match games with Madison, Flatbush and Hoboken will shortly be arranged.

Bowling at Flatbush.

Last Thursday evening was a gala night at the Flatbush Bowling Club, the members of the plant investigating committee joining the local bowlers and making a hilarious night of it. The preliminary dinner of the committee, with champagne accompaniments, seemed to have contrary effects upon its members, some of the scores made being really "unfit for publication," but here they are:

Player.	1st	2d	T'l
Butterfield	171	151	322
Riley	165	151	316
Paul Dailledouze	126	156	382
Wocker	139	138	277
H. Dailledouze	123	141	264
Siebrecht	163	100	263
Traendly	115	137	252
Zeller	118	132	250
Wallace	125	124	249
Scott	109	105	214
Shaw	84	108	192
Langjahr	84	79	163
Lenker	94	57	151
Birnie	68	71	139

J. Austin Shaw.

NEW PLANTS.

When novelties in the plant line are exhibited before the New York Florists' Club a committee is appointed to visit the place where the plant may be seen growing before a final award is made. The committee, consisting of P. O'Mara, A. H. Langjahr, Chas. Lenker, W. H. Siebrecht, John Dowsett, A. L. Miller and John Birnie made the following reports at the club meeting October 10:

The Pierson Fern.

Pursuant to the request of the F. R. Pierson Co., of Tarrytown, N. Y., the committee of award visited the establishment of that firm on September 19 to inspect the stock of their new fern, the initial exhibit of this having been made at the June meeting of the club. Six members of the committee were in attendance, also the president, as ex-officio member.

The fern is as yet unnamed, so we cannot designate it in this report except as a sport from Nephrolepis Piersoni. The committee made a thorough examination of all the stock, both in pots and on the benches where it is planted out. It is essentially different from its parent. The fronds are shorter and broader, the habit is denser and more compact, and the general character of the plant is much superior to it.

The average width of the fronds in 8-inch pans is nine to ten inches at the widest point; the average length of the fronds being twenty-two to twenty-four inches. The number of character fronds per pan varied from twenty-two to twenty-four inches. The average number of pinnae per frond is forty-five. The width of the individual pinna is three and one-half inches. The length from tip to tip is four and one-half to five inches when fully developed. The details given were noted from plants which were about three months in the pans.

The greatest distinctive feature of this new fern are, first, the deeply cut formation of the individual pinna and the manner in which they are borne on the frond. Instead of being placed so that the edges are toward the surface of the ground, as is usual with ferns, and for the most part with Nephrolepis Piersoni, the pinnae on the new fern are so disposed that the surface is parallel with the ground surface when the fronds are erect. The result is that the fronds are equally ornate, whether viewed from the back or front, a very valuable characteristic.

The character of this variety seems to be well established, the tendency to reversion, although present, being scarcely noticeable. After carefully considering the variety the committee unanimously agreed that it was worthy of the club's silver medal, and herewith recommend that it be awarded.

The Scott Fern.

The committee of award visited the establishment of John Scott, of Flatbush, N. Y., on October 6, for the purpose of inspecting the stock of his new fern, Nephrolepis Scottii. Seven members of the committee attended, also the president and vice-president of the club.

The initial exhibit of this fern was made at the rooms of the club at the November meeting, 1903. The committee which examined it at that time was so favorably impressed by it that they unhesitatingly awarded it a certificate of merit and did not ask to see it growing. A request to examine the stock was only recently sent to the club by the exhibitor.

The committee made a thorough examination of the stock, both in pots and on the bench, and were highly pleased at its condition and character. It was growing in all sizes, from plants in 4-inch pots up to specimen plants in tubs, and it was absolutely uniform in all grades, the characteristics of the large specimen plants being evident in the smallest specimens on the place. The most careful examination failed to discover any tendency whatever toward reversion, and it seems as if the character of the plant is absolutely and indelibly fixed. It is in essence a condensed form

of the Boston fern with valuable characteristics added which are not evident in the parent. The committee took one plant in an 8-inch pot and found by actual count that there were 200 fronds on it, not counting the undeveloped and small ones which were in the center of the plant. The fronds on the plant in question averaged about twenty inches long and two inches wide at the widest point, so that the pinnae are very closely set, so that they overlap, making a more finished frond than the parent. The plant in question had a spread of three feet. Plants in 4-inch pots showed a spread of eighteen inches and a height of ten to twelve inches.

The committee was unanimously of the opinion that it is a most valuable introduction; that it will become a plant for the florists to grow universally. It has a crispness and hardness about it which is superior to the parent, and is one of its very valuable characteristics. It propagates very freely and because of the fact that its character is established in the smallest size it should find ready sale in all grades. After a thorough examination the committee unanimously agreed that it was worthy of the highest award by the club, and therefore voted that it be awarded the silver medal of the club, and herewith record same for your approval.

The Miller Dahlia.

The committee of award visited the establishment of A. L. Miller, Jamaica, N. Y., on September 28, on request of that gentleman, to inspect his stock of a white dahlia which he exhibited at the September meeting of the club. Four members of the committee were present. The committee was informed by the exhibitor that the variety was imported from Germany under the name of Kaiserin Augusta Victoria. The committee, under the rules, is not empowered to grant certificates of award or medals to any but new varieties, that is, varieties not yet in commerce. The members of the committee were pleased to see the variety growing and were unanimously of the opinion that it is a very valuable sort. It is a decorative dahlia of the purest white, size four to four and one-half inches in diameter, double, showing the center when fully expanded. The plant grows three to three and one-half feet high, sturdy, compact habit, does not require staking. The profusion of bloom is remarkable, the rows being one mass of flowers, far more per plant than any other sort in the field. It is unquestionably a valuable addition to the race and where white summer flowers are wanted will prove of great value.

COLUMBUS, OHIO.

A meeting of the Columbus Florists' Club was held October 4. The election of officers resulted: President, Sherman Stephans; secretary, James McKeller; treasurer, Gus Drobisch.

The committee of three, composed of Sherman Stephans, James McKeller and Albert Knopf, was instructed to make all arrangements necessary for an exhibition of chrysanthemums to be held in November, 1905. It was suggested that arrangements be made with some one of the large charitable institutions of the city for its aid in the exhibition, each organization to take half the profits. School children will be given plants to be grown on for exhibition. The Civic Improvement Society came in for commendation.

BOSTON.

The Market.

The market took on something like an old-time boom during the past week, the supply not being equal to the demand in some of the staples. An increasing quantity of stock is coming in but all good material is eagerly snapped up. American Beauties have brought $5 per dozen for the best. The quality of all roses is much improved. Best Brides and Maids have sold readily at $10. W. H. Elliott, Waban Conservatories and one or two other growers are sending in some grand Kaiserins and Carnots with splendid stems. These sell well. Carnations have advanced considerably, extra quality of Fair Maid, Enchantress and one or two other sorts going as high as $6. Quality of these now leaves little to be desired.

Chrysanthemums are not yet very plentiful. Most growers report their flowers a little later than usual. In addition to Fitzwygram, Bergmann and Girard several other sorts have appeared, including Monrovia, Glory of Pacific, Polly Rose, Miss Alice Byron, a very useful white; Ethel Fitzroy and Merry Monarch.

Violets improve in size and color as well as in quantity. All are yet Princess of Wales, although a few doubles are seen around the stores, looking very miserable alongside the singles. Lily of the valley holds former prices. A few tuberoses still come in, while new crop sweet peas have arrived. Asparagus, smilax and adiantum show a slightly hardening tendency.

THE WEEKLY FLORISTS' REVIEW

We have sold all our surplus of 4-inch Cyclamen giganteum through your advertisement; kindly discontinue same and oblige,

THADDEUS N. YATES & CO.

Philadelphia, Oct. 5, 1904.

Various Notes.

Hitchings & Co., 819 Tremont building, Boston, have recently closed contracts to build the following greenhouses: Miss Helen Holmes, Kingston, Mass., one house; G. S. Scott, Belmead, Newport, greenhouse and workroom; G. F. Falford, Brockville, Ont., one house; J. W. Gibbs, Brookline, Mass., conservatory; G. N. L. Abbott, Concord, Mass., one house; S. W. Robbins, Wethersfield, Conn., one house.

The Boston Flower Mission, which concluded its season's labors on October 7, distributed over 30,000 bouquets among the poor and sick of the city during the five months it was in active operation. The work this excellent body of lady workers performs each year helps to brighten many a poor home.

Intending exhibitors can obtain copies of the schedule of the Massachusetts Horticultural Society, with the list of the society's premiums for the coming chrysanthemum show from the secretary, W. P. Rich, 300 Massachusetts avenue, Boston. A list of special prizes is also issued. The full prize list of the society for the spring show of 1905, when the American Rose Society meets in Boston, may also be had upon application.

Weddings, funerals and receptions to the delegates of the International Peace Congress and the Episcopal Triennial Convention, in which latter the Archbishop of Canterbury was the most prominent figure, have helped to make a first-class market of late and prices are very much better than a year ago.

The Gardeners' and Florists' Club will assist in entertaining visiting members of the C. S. A. next month. All indications point to a splendid show. Some superb plants will be shown, while the prospects of entries for cut flowers from this section were never better. Boston means to eclipse the New York show of 1903.

No New England fair equals that annually given at Brockton. It is the Mecca for lovers of horse flesh and the triumphs of agriculture. Horticulture was this year but indifferently represented. Early frosts had destroyed nearly all dahlias, which usually make a star feature. Exhibits of these were made by F. L. Tinkham and A. G. Tinkham, of Brockton, and H. A. Jahn and A. C. Church, of New Bedford. Plants were not largely shown, M. Moir having the best display. In designs C. A. Reed took first and fourth, M. Moir second and Mrs. A. Younger third. A miserable pittance of less than $100 was this year allotted to plants and flowers, while horse flesh had over $25,000. In spite of wet weather on the principal day over 120,000 persons paid admission on the five days the fair was open, gate receipts alone exceeding $40,000.

The second cold snap of the season came on October 7, temperature falling to from 16 to 20 degrees above zero. Any remaining outdoor flowers in warm locations were wiped out.

The next meeting of the Gardeners' and Florists' Club occurs on Tuesday, October 18. As there will be much important business, all members are urged to attend.

J. W. Foote's new pink seedling carnation is commanding top prices at the new market. Robert Montgomery's roses at the same stand are extra fine.

E. W. Gilmore, who died at North Easton on October 9, aged 76 years, was at one time a very successful exhibitor of stove plants and orchids at the Boston shows. A dozen years ago he had the best masdevallias we have seen in America. He was also especially successful in the culture of odontoglossums and miltonias. Mr. Gilmore was a life member of the Massachusetts Horticultural Society. He leaves a widow, one daughter and four sons.

Not the least pleasing feature of the coming chryanthemum show will be a chrysanthemum dinner tendered by the Massachusetts Horticultural Society to the visiting members of the C. S. A. The committee of arrangements of the society has this matter in charge.

Warren W. Rawson, of Arlington, easily defeated his opponent in the preliminary contest in the third Massachusetts district, pulling nearly twice as many votes. His election would seem to be practically certain.

W. N. CRAIG.

CHICAGO.

The Market.

The weather for the past week has been unseasonably warm, the daily temperature from 15 to 20 degrees above the normal. The result has been that all stock has been forced along at a very rapid pace and accumulations have become burdensome in the wholesale houses. The demand is holding up to previous reports, but is not sufficient to consume the receipts in any line.

The Beauty growers are nearly all cutting first-class stock in all lengths of stem, although few shorts are seen. The

"Your Own Interests"

You want the best flowers your money will buy, of course, and you want to know beforehand that your order will bring them to you: Not once in a while, but any time and every time. We are that kind of a house; dependable, responsible growers and shippers of cut flowers. We can prove it by the number of our customers or by any one of that number. You will never be disappointed by us in not getting what you want, as you want it and when you want it.

We don't quote prices here for good reasons, but we issue a regular weekly price list that's full of profitable suggestions and profit possibilities for you. If you'll tell us what your name is we'll send it forever.

WEILAND & RISCH,

LEADING WESTERN GROWERS AND SHIPPERS OF CUT FLOWERS. 59 Wabash Ave., CHICAGO.

LONG DISTANCE TELEPHONE CENTRAL 879.

Mention The Review when you write.

best grade goes as high as $3 to $4 per dozen, but averages are not nearly so good as a week ago. There are plenty of good Brides, Maids, Liberty and Chatenay for all needs, also some extra good Kaiserin. Some of the extra select are bringing above quoted rates, but there is a large proportion of each day's receipts which are very near rubbish and must be sold in quantity at prices to bring down the average to a very low figure.

Carnations seem to be holding their own better than any other flower. Receipts are large, but some days demand is active and the stock is cleaned out to better results than the rest of the staples.

Chrysanthemums are coming in heavily and the wholesalers find it difficult to move them all. The result is that prices on good stock are going down considerably faster than is usual at the opening of the season.

There are large quantities of Campbell violets and it is almost impossible to move them. The retailers say that they can be used only in funeral work and average returns to the growers are in keeping with the very poor results obtained last year. Singles do only a little better. New York violets again have the call.

The absence of frost has resulted in some very fine dahlias and these are doing as well as could be expected with the market so heavily burdened with other material. There are also large quantities of cosmos of very fine quality, which is a good seller for decorations, although prices must necessarily be low. The fall openings have made a very good demand for long strings of asparagus and the fall weddings are calling for smilax, which is very plentiful.

Tuesday was cool and wet, a very dull day. The weather man predicts cold weather, which will shorten receipts and stiffen prices.

Flower Show Matters.

There was a meeting of the executive committee of the Horticultural Society and the Chicago Florists' Club at the Union Saturday evening, at which flower show matters were talked over and a number of committees appointed to further the work. A successful exhibition November 15 to 19 now seems assured. It was announced that the following slate of officers had been determined upon for the Horticultural Society: President, Edward G. Uihlein; chairman finance committee, Charles A. Hutchinson; vice-presidents, H. G. Selfridge and Ernst Wienhoeber; secretary and treasurer, Willis N. Rudd. These officers were duly elected at a meeting of the Horticultural Society at the Auditorium on Tuesday afternoon.

There is much renewed discussion for a permanent horticultural hall and a possibility that it may be eventually attained on the lake front.

Carnation Convention.

The Florists' Club will hold its regular meeting this evening and President Rudd will announce the general committee on entertainment of the Carnation Society, as follows: J. C. Vaughan, P. J. Hauswirth and Leonard Kill. They have authority to appoint all necessary sub-committees. The management of the exhibition will probably be placed in the hands of Mr. Hauswirth by the officers of the Carnation Society.

Various Notes.

The Geo. Wittbold Co. has had a busy season. At their city establishment they have built a large new house for decorative plants, that end of their business having grown to large proportions. They have also rebuilt their Buckingham place store and put it in first-class shape. They recently purchased a battery of five steam boilers taken from the Woman's Temple and are installing two at Edgebrook and two at the city place. Not only is retail trade good with them, but Louis Wittbold says that the wholesale plant business for the past three months has been the largest in the history of the concern. Next year they propose to rebuild another large section of the city range.

E. S. Thompson, of South Haven, Mich., is sending J. A. Budlong a large cut of very fine dahlias. The season has been most favorable on the Michigan shore and Mr. Thompson says that not in years has he had such good results.

The Kennicott Bros. Co. is receiving white orchids which are in good demand for choice wedding and funeral work.

Frank Garland has given up his city wholesale store and M. Winandy now is the only occupant of room 218, 52 Wabash avenue. Mr. Garland's crops are going to Percy Jones in the Growers' Market.

Weiland & Risch have been expending a considerable sum of money in building sewers to take care of the water at their boiler rooms. Quicksand has been giving them a great deal of trouble.

E. F. Winterson Co. is making a specialty of autumn foliage, which the retailers are using in window decorations with chrysanthemums. They have a soft ilex, well berried, which is very useful. Mr. Winterson spent Sunday at Dubuque and Des Moines.

Vaughan & Sperry are receiving large quantities of chrysanthemums and violets from Grand Rapids. The mums have sold well but buyers have to be coaxed to take violets.

Peter Reinberg is erecting a fine new residence adjoining his present home on Robey street. The removal of two greenhouses was necessary to make room.

Thomas Allen, out Bowmanville way, is not a large grower in comparison to the establishments of some of his neighbors, but there is none of them who can give him points on growing Beauties. He is cutting practically no short stems and a great many which are five feet long, with buds in proportion. J. A. Budlong sells his cut.

Edgar Sanders was 78 years of age on Monday. His health is generally good, although he does not go far from the house.

Lubliner & Trinz have abandoned their place on Jackson boulevard. Graff & Trinz have opened a store at 90 Washington street.

Mrs. Fred Stollery has returned from a visit of several weeks with relatives in California.

Singler Bros. are building a new brick stack to take the place of the one destroyed by the big storm last spring.

Mr. Jahn, of New York, imported by O. J. Friedman, has resigned, having married Miss Butler, formerly Friedman's right hand man and now in business for herself on Dearborn street.

W. E. Lynch, of E. H. Hunt's, is on a trip to eastern sources of supply.

A. L. Randall and family are home from Michigan, where they spent the summer on their fruit farm.

Kring Bros., Fairbury, Ill., are send-

We are always at **Your Service.**

Let us hear from you, whatever your wants may be in the line of Seasonable Cut Flowers. Choice stock in all departments and a skillful force of people glad to serve you.

Inexhaustible Supply of Mums.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem....$3.00 to $4.00 per 100.	

	Per 100	
Brides and Maids	$2.00 to	$6.00
Meteors and Gates	2.00 to	6.00
Liberty	3.00 to	6.00
Carnations, select, all colors	1.00 to	1.50
" large and fancy	2.00 to	3.00
Mums, large, per doz., $2.50 to $3		
" medium " 1.50 to 2		
" our selection		15.00
Violets	.50 to	1.00
Valley	2.00 to	4.00
Tuberoses ..per doz, 35c to 50c		
Longiflorums " 1.50		
Asparagus, per string, 35 to 50c.		
Asparagus Sprengeri	2.00 to	3.00
Ferns ....per 1000, $1.25		.15
Galax....per 1000, $1.25		.15
Leucothoe		.75
Adiantum		.75
Adiantum Croweanum		1.50
Smilax....per doz., $1.50		10.00

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ing E. C. Amling some very well grown Enchantress, stem and color very good for the season.

Wietor Bros. are pretty well cut out on the early mums and will be getting the mid-season sorts in a day or two. Their carnations are in fine shape.

Massachusetts ferns are coming in hot.

There have been a large number of visitors in town this week. Among them are Fred Dorner, Jr., of Lafayette, Ind.; Wm. H. Evans, of Colorado Springs, Colo.; J. F. Wilcox, of Council Bluffs, Ia., returning from a trip to New York; W. P. Craig, of Philadelphia, with samples; E. S. Thompson, of South Haven, Mich.; Mr. Walgreen, of Dixon, Ill.

Bowling.

The bowlers have received a challenge to play at Joliet on the Saturday of the Joliet flower show. The invitation will be accepted.

The bowlers had another practice meeting Tuesday night. They propose to keep it up each week all winter.

The following are the scores made at Bensinger's October 11:

Player.	1st	2d	3d	4th	5th
Manheim	61	100	67		
Zappe	143	118	114	97	136
Beamer	147	147	171	137	182
Scott	138	151	133	179	142
Asmus	117	193	148	137	180
Lambros	176	160	173	130	131
Hauswirth	138	155	195	145	203
Degnan	133	154	97	141	158
Balluff	175	138	153	205	181
Winterson	108	121	100	109	108
Victor Kreitling	130	130			

LADIES' GAME.

Player.	1st	2d
Mrs. Kreitling	93	108
Mrs. John Lambros	31	33
Mrs. George Asmus	96	110
Mrs. E. F. Winterson	71	64
Mrs. George Scott	39	71
Mrs. Phil. Hauswirth	85	68

ST. LOUIS.

The Market.

The past week the wholesale houses had plenty of cut stock for all demands. The warm weather combined with dull trade was responsible for this big increase and small glut. We need much cooler weather to stimulate retail activity in the cut flower trade. Of course, there is a big lot of decorating going on every day about town and at the World's Fair, which keeps some of the boys busy, especially those who make a specialty of that kind of work.

We are pleased to note more activity at the wholesale house and the store men are buying more than usual. There is a good demand for all kinds of roses, especially Beauties with medium stems, which seem quite plentiful at $1 and $2 per dozen. Extra long-stemmed Beauties are also good sellers but scarce at $4 per dozen. Carnations are in strong demand and first-class blooms are being offered. Fancy stock is now up to $2 per 100, fair stock $1.50 and common $1 per 100. Enchantress is coming in fine and so is Boston Market. In pink Joost is best. Lawson is good in flower but very short in stem.

Chrysanthemum blooms are somewhat late, still a few are coming in every day, but not near enough to supply the wants. The best of these brought $3 per dozen, small white $1 and $2 per dozen. By the end of this week the market will be in good supply of all varieties. Cosmos now brightens the show windows of the florists, though the demand is not very brisk. The price is 25 and 35 cents per 100. Lily of the valley is in good supply at $3 and $4 per 100. Violets are coming in more plentifully every day, but of poor quality at 25 and 35 cents per 100. Tuberose stalks are still selling well at 3 and 4 cents. Some very fine pink and yellow dahlias are in the market at $1 and $2 per 100. There are plenty of greens.

Various Notes.

We had with us the past week Harry May and sister, son and daughter of John N. May, of Summit, N. J. They will remain ten days and then visit Chicago. Mr. and Mrs. Peter Reinberg were down for Chicago Day at the World's Fair. J. D. Preussner, of Galveston, Texas, and C. H. Foreman, of Louisiana, Mo., also were recent visitors. Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, spent a week here and left Sunday for Pittsburg, taking with him a well filled order book.

Jabes Gadd, formerly with C. Young & Sons Co., is now with Theo. Miller, on Delmar boulevard.

Walter Sanders, son of C. C. Sanders, left last week for the west. Walter wants to see what the great west has in store for the young man. He has the best wishes of the trade, wherever he lands.

J. F. Ammann, of Edwardsville, E. W. Guy, of Belleville, and C. A. Kuehn, of St. Louis, visited the Springfield, Ill., fair a week ago. All made friendly calls on the trade at that place.

The Louisiana Purchase Exposition Co. report that they will not restore Forest Park at the close of the exposition, but will improve it to make it one of the finest pleasure grounds in the world. This decision was reached at a meeting of the directors and the city officials held last week.

Horticultural Day at the World's Fair last Tuesday attracted a great crowd. The big building was decorated in grand style. It was estimated that about 1,000 barrels of apples were given away. Mr. Hadkinson and Chief Taylor are greatly pleased at the reception given their department by the general public.

Henry G. Berning, who spent a week at Oakville, Ill., taking baths at this famous resort, has returned much improved in health.

A. Stonewall Tesson, brother of Robt. F. Tesson, died Saturday morning of heart failure. The funeral took place Sunday afternoon from the family residence in Clayton. Robert has the sympathy of his fellow craftsmen in the trade.

Fred Dorner, Jr., and Mrs. Dorner of Lafayette, Ind., have been taking in the World's Fair. Arthur Cowee, of Berlin, N. Y., is still here but will return home next week, having finished up his work at the World's Fair.

Bowling.

The florists continued their bowling on Monday night, with no handicaps. Good hard work through the winter should put them in good trim for the annual contest at Washington.

Player.	1st	2d	3d	T'l
J. J. Beneke	181	135	157	473
C. A. Kuehn	169	124	166	459
F. H. Meinhardt	152	160	132	444
F. M. Ellis	145	162	129	438
F. C. Weber	145	169	120	434
Theo. Miller	133	124	153	410
O. R. Beneke	114	126	150	390
Ed. Gerlach	94	76	119	289

J. J. B.

YOUNGSTOWN, O.—J. C. Schuffert began cutting mums October 8. His stock is in fine shape.

I AM well satisfied with the REVIEW and could not well get along without it. —E. JENSEN, West Superior, Wis.

A1 Dahlias

of all types, Fancy, Decorative, Show, Cactus and Single. The best product of E. S. Thompson, South Haven, Mich., the best grower. Also Thompson's Gladioli. Send us your orders.

Beauties, Roses, Carnations, Mums.

J.A.BUDLONG

37-39 Randolph Street, CHICAGO.

L. D. Phone, Central 3120. Automatic 9923.

WHOLSEALE GROWER of CUT FLOWERS

NOW CUTTING

FANCY MUMS.

	Pink.	Yellow.	White.
Large fancy.....per doz.,	$2.00 to	$3.00	
Good select.....	1.50 to	2.00	

BEAUTIES—

	Per doz.
Ex. long stem, large buds	$4.00
30-36-inch stem.....	$2.50 to 3 00
24-inch stem.....	2.00 to 2.50
20-inch stem.....	1.50 to 2.00
16-inch stem.....	1.25 to 1.50
12 inch stem.....	1.00

BRIDES AND MAIDS—	Per 100
Extra select.....	$5.00 to $8 00
Good stock.....	2.00 to 5.00

KAISERIN—	
Fancy.....	5.00 to 8.00
Good stock.....	3.00 to 5.00

METEOR, GATE, CHATENAY—	
Fancy.....	4.00 to 6 00
Good stock.....	2.00 to 4 00

CARNATIONS—	
Fancy.....	1.50 to 2.50
Select.....	1.00 to 1.50

VIOLETS—	
Home-grown.....	.40 to .75

All other stock at lowest market rates.

Mention The Review when you write.

CINCINNATI.

The Market.

Business during the past week was good in spots only. Mums are fast becoming the flower of the day. They are coming by the hundreds, but as yet there are no fancy ones and $2 per dozen is the top price. The varieties to bring this price were Estelle, which is very fine this year, and Omega, a first-class yellow, which holds up well and appears to be a very good sort for early. There are hundreds of Bergmann at $6 to $12.50 per 100. The coming week will see mums in great abundance and from present prospects there will be a very good market for them.

Carnations are just a trifle more plentiful and quality is good; $3 is obtained for the best, with $1 the lowest figure. Beauties are scarce. This is especially true of long-stemmed ones. Some very good Kaiserin are seen and a few first-class Brides and Maids, but outside of that the majority of the stock is medium and short-stemmed. Outdoor stock is about over. Lilies and valley are not very plentiful and sell well. Violets can be had at your own figures.

Club Meeting.

The monthly meeting of the Florists' Society was held Saturday evening and, while the attendance was not large, a very pleasant time was passed. The principal business was the adoption of a schedule for our flower shows. The first one will be a chrysanthemum show in the club rooms on Saturday afternoon and evening, November 12. Prizes are offered as follows: Best vase white mums, twelve blooms to vase, first, $6; second, $4; third, $3. Pink and yellow, same, each. Best vase twenty-five Bonnaffon, first, $10; second, $8; third, $6. Best general display, $10. Our mum shows in the past have always been very successful and a fine exhibition is looked forward to. All florists and private gardeners are invited to take part. All persons not members of the society or subscribers to the exhibition fund must pay $1 at each show for privilege of entry for prizes.

An invitation was read from the E. G. Hill Co., of Richmond, Ind., for the florists of this city to visit that firm's large plant the latter part of this month. It was accepted with thanks and a committee consisting of J. W. Rodgers and C. J. Ohmer was appointed to look after the details. The date of the trip will be announced next week.

Various Notes.

E. G. Hill was in the city Saturday and brought with him some blooms of his new white early mum, Clementine Touset, to be passed upon by the Chrysanthemum Society committee of this city. The variety was a great surprise to all who saw it, being so far ahead of all other early varieties we have ever seen. It might be described as an early Chadwick, as it greatly resembles this variety. The color is white with a faint cream tint in the center till fully developed. It ranks in size with the largest, and form, foliage and stem are first-class. Altogether it will make a commercial variety of the first order. Mr. Hill said it was a medium grower, very easily managed and was ready to cut from October 8 to 12.

George Murphy has just completed a new set of piping for his greenhouses. He wants to be sure of the required temperature during the coming winter. He has a large bench of Estelle mums which will be ready to cut soon. There are five to seven blooms to a plant and are a fine sight, as they made a very even growth.

Fred Gear had the Smith-Kasson opening, supplying over 10,000 roses, besides many plants.

W. K. Partridge opened his Fourth street store Saturday. An orchestra entertained the large crowd and the ladies received floral souvenirs. The store is modern in every detail and was beautifully decorated for the opening. The large show windows offered a liberal opportunity for tasty dressing, which was taken advantage of. Mr. Partridge deserves the best of success for his enterprise and has the good wishes of the trade.

William Murphy spent a few days last week visiting some of the florists of Indiana.

Thomas Windram and wife are at present busily engaged viewing the good things at the Fair. C. J. Ohmer.

SURPLUS BULBS

TO CLOSE OUT

AT

Special Low Prices

Send us a list of what you can use and we will quote by return mail.

ALL GUARANTEED STRICTLY FIRST SIZE BULBS.

SINGLE TULIPS.

7000 Yellow Prince, 8000 Artus. 1000 La Reine, 700 Cardinal's Hat, 1000 Duart.

DOUBLE TULIPS.

6 500 La Candeur.
2000 Tournesol, red and yellow,
3000 Imperator Rubrorum.

25 000 **Crocus,** separate colors.
10 000 " named varieties, all colors.
10 000 Miniature or Dutch Roman **Hyacinths,** in 8 best named varieties.
5 000 **Double Hyacinths,** separate colors.
2 000 **Single** " " " "
10 000 **Freesia Refracta Alba,** select.
5,000 **Lilium Longiflorum,** 7–9-inch. early multiflorum.

E. F. Winterson Co.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

WANTS IT AGAIN.

Have overlooked sending you payment for renewal of subscription to the Review, one of the best papers that comes to me. Being unable to do without it, I send you another dollar and ask you to enter my name and send me last week's copy, which I failed to get because I had not renewed in time. W. M. Lindsay.

Birmingham, Ala.

Findlay, O.—N. R. Swan took a great many premiums at the Wood county fair. His stock is in fine shape.

FANCY MUMS!

Yellow and White, strictly large and fancy, $3.00 per doz.

CHRYSANTHEMUMS!

Smaller grades, $10.00 to $12.50 per 100. All colors at all prices.

CARNATIONS,

ROSES, Beauties, Violets, VALLEY, and All Cut Flowers in season.

Smilax, Leucothoe, Galax, Sprengeri, Asparagus.

Our reputation has always been that we fill orders when others fail.

PRICE LIST.

AMERICAN BEAUTY—	Per doz.
30—36-inch stem	$3 00
24-inch stem	2 50
20-inch stem	2 00
16-inch stem	1 50
12-inch stem	1 00
Short stem, per 100	$3 00 to 5 00

	Per 100
Brides and Maids	$2 00 to $5 00
Meteors and Gates	2 00 to 5 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 8 00
Carnations, select, all colors	1 00 to 1 50
" large and fancy	2 00 to 3 00
Mums, large fancy, per doz.	$3
" medium, "	$1 50 to 2
Valley	2 00 to 4 00
Asparagus, per string, 40c to 50c.	
Asparagus Sprengeri	2 00 to 3 00
Ferns, per 1000	$1 25 — 15
Galax—Green, "	1 25 — 15
" Bronze, "	1 50
Leucothoe	75
Adiantum	75
Smilax, per doz.	$1 50

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DURING OCTOBER ONLY.

$15 Worth of Wire Work for $10

Special extra discount of 10 per cent on above rate for orders of $25.00 net to us.

Wheat Sheaves during OCTOBER ONLY 25 per cent off.

Cycas, all sizes (catalogue prices), 33⅓ per cent off.

The above offer is made on any catalogue issued in Chicago, our firm's or other's.

Best White Wax Paper, 24x36, Ream 400 count, $1.60 net.

KENNICOTT BROS. CO.

Wholesale Cut Flowers,

40, 42 and 44 Randolph Street, CHICAGO, ILL.

CHRYSANTHEMUMS!

A BIG CUT, ALL COLORS, AT ALL PRICES.

CURRENT PRICES, SUBJECT TO CHANGE.

AMERICAN BEAUTY.	Per doz.
30—36-inch stem	$2 50
24-inch stem	2 00
20-inch stem	1 50
16-inch stem	1 25
12-inch stem	1 00
Short stem	per 100, $3 00 to 4 00

ROSES.	Per 100
Brides and Maids	$2 00 to $6 00
Meteors and Gates	2 00 to 6 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 8 00
CARNATIONS—Good stock	1 00 to 1 50
" Large and fancy	2 00 to 3 00

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

Mention The Review when you write.

ORANGE, N. J.

The tenth anniversary of the foundations of the New Jersey Floricultural Society was observed in an appropriate manner on October 7. Short addresses were made by the charter members present and by Arthur Herrington and Chas. H. Totty, among the visitors. The floral and vegetables exhibits were choice and filled the tables in the center of the hall, while the decorations of palms and ferns were from the collections of John Crosby Brown and William Runkle. One specimen adiantum four feet across received 95 points at the hands of the judges.

Interest centered, however, in the rival display of orchids from Henry Graves and William Barr and the Cattleya labiata of Edwin Thomas and Arthur Bodwell were seen side by side. There were also several other interesting displays.

J. B. D.

TROUBLE WITH CIRCULATION.

We have six houses running east and west from a central boiler shed, three on each side. The houses are 125 feet long attached and each contains two four-foot benches and three walks. The side walls are eight feet high and the houses are well built. Each house has two flows, all 3-inch except those on the south side of the middle houses, which is 2½-inch. The returns are all 1½-inch, twelve under the benches in each south house, nine under the benches in each of the middle houses, five under the south bench and six on the north wall in each north house. The flows are close to the gutters. The main from the boilers is 6-inch until it passes the north house, 5-inch to the middle house, 4½-inch to the next flow and 3-inch to the last one. The whole system has a fall of one inch to twelve feet. The return at the boilers is a 6-inch and has four feet drop. The expansion tank is over the boilers, where, also, is the highest point in the flow. We use two eight-section cast iron boilers each with grate 40x38 inches and 352 square feet of fire surface. There appears to be a sluggish circulation through the entire system, although all coils heat up alike. Best gate valves with full openings are used. We must have 60 degrees when it is 20 degrees below zero outside. Can you suggest a remedy for the difficulty? H. R.

The system seems to be well arranged and the piping should be ample to maintain the temperature desired with a quick return of the water to the boilers. The only point which occurs to me as a drawback is the length of the flow and returns used. When the flow and return pipes exceed 100 feet in length, hot water on the gravity system is seldom altogether satisfactory. If the expansion tank were to be elevated several feet above the highest point in the heating system it would undoubtedly somewhat hasten the flow of water and would at the same time somewhat increase the temperature of the water as it leaves the boiler by placing the system under a higher pressure. If the boilers are set so as to have a good draft and good fuel is used they should be amply large to provide the desired temperature.

I am inclined to believe that by making the most distant point the highest point in the system, a slightly increased efficiency would be obtained but whether or not the added efficiency would repay the expense of the modification is a question I cannot answer. I am inclined to think it would not.

The one alternative which suggests itself in this connection is that of placing a circulating pump in the returns near the boiler and forcing the water through the system at the desired rate, depending upon the outside temperature.

L. C. C.

BEST FOR RETAILERS.

Enclosed is a dollar, for which send us the Review for one year. We think it the best paper for the retail trade.

M. N. Fielder & Co.

Baltimore, Oct. 5, 1904.

Needham, Mass.—Denys Zirngiebel says the demand for pansy seed has been very good and he is also practically sold out of pansy plants. He started the season with a large stock.

Indianapolis Floral Co.

839 Ft. Wayne Avenue, INDIANAPOLIS, IND.

WHOLESALE

Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED--BULBS.

We want to buy in lots of 1000 to 10,000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

Mention The Review when you write.

A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of

EVERGREENS



GALAX, Bronze or Green $1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, .75 "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 4009 R Madison Square.

Mention The Review when you write.

500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax, Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

WILLIAM CLARK,

COLORADO SPRINGS, COLO.

Mention The Review when you write.

FANCY MUMS!

Large and Fancy, all colors, $2.00 to $2.50 per doz.
Good stock, good size, - 1.25 to 1.50 per doz.
Small stock, - - - 5.00 to 8.00 per 100.

FANCY ROSES, extra fine - - - - - $4.00 to $5.00 per 100
CARNATIONS - - - - - - - - 1.00 to 2.00 per 100

A. L. RANDALL CO.

WHOLESALE FLORISTS

19 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

CHAMPAIGN, ILL.—Thomas Franks has made repairs and improvements on his houses and has the place in fine shape for winter.

NEW ORLEANS, LA.—J. William Bierhorst's place, known as the Blooming Nursery, 3116 St. Claude street, is doing a nice business in cut flowers.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By an experienced grower, propagator and capable of taking charge of a florist establishment; middle age; single; best of references. Address Florist, 78 Harrison Ave., Boston, Mass.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

SITUATION WANTED—By a good carnation grower; at liberty to come at once; state wages. Address No. 48, care Florists' Review, Chicago.

SITUATION WANTED—By a good grower of cut flowers, in vicinity of Chicago; married, best of references. Address No. 46, care Florists' Review, Chicago.

SITUATION WANTED—By man experienced in all branches; propagator, etc; quick, hard worker, taking interest in welfare of his employers' business; around Chicago. Address No. 45, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 44, care Florists' Review, Chicago.

WANTED—A good reliable German to grow bedding plants and take charge of small place in cemetery; state wages wanted. A. H. Schneider, Concordia Cemetery, Oak Park, Ill.

FOR SALE—200 feet of 4-inch cast iron pipes, at 10c per foot. Carl Rauth, Springfield, Ill.

SITUATION WANTED—By December 1st, by an all-round florist, 30 years of age, married, no family; would like position as foreman or assistant in a greenhouse or flower store; seven years at present place; can give good references at design work or general greenhouse work; please state wages when answering. Address R. H. M., Lock Box 79, Barre, Mass.

SITUATION WANTED—As foreman by a first class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner Address No. 50, care Florists' Review, Chicago.

WANTED—A good all-round gardener for a private place; must understand grape culture under glass and must be temperate; salary, $50.00 per month with 7 room house; Scotch or English preferred. Address, No. 49, care Florists' Review, Chicago.

WANTED—To exchange gilt-edge real estate, valued at $5 500, for greenhouse property in good order. Address No. 37, care Florists' Review, Chicago.

WANTED—To rent greenhouse, not more than 150 miles from Chicago; 3 000 to 5 000 feet glass; state terms. Address No. 42, care Florists' Review, Chicago.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

WANTED—An experienced grower of roses, carnations, mums, and bedding plants; steady work for a steady worker; must be sober and reliable man; well recommended; north of Chicago. Address No. 38, care of Florists' Review, Chicago.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, dwelling and 2¼ acres; best location in state; home water system; coal 50 cents per ton. G. L. Tyler, Dubois, Pa.

FOR SALE—Or rent, greenhouse of 1,300 sq. ft. of glass and 11 acres of land; 5-room house and all outbuildings. Address Box 34, Rogers, Ohio.

FOR SALE—Having changed our heating plant to steam, we offer about 800 feet of first-class 2-inch wrought iron pipe, mostly bought by us new; is clean and free from flaws and rust holes; price, 5 cts. per foot; f. o. b. Cedar Falls. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR RENT—5 000 feet of glass with stock for $100; in a good factory town of 5,000; no competition; not able to do the work; come and see it. James R. Johnston, Dunkirk, Ind.

FOR SALE OR RENT—15 acres land; ten-room house, partly furnished if wanted; new barn, 30 x 36; one greenhouse, 100 x 22; one greenhouse, 200 x 22; set with cucumber plants just coming into bearing; large lot of celery, single violets, and carnations in field if wanted. Inquire of W. E. Allen, Leominster, Mass.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6 000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

WANTED—Competent night fireman; must be strictly temperate and industrious; wages $45 per month. J. W. Dunford, Clayton, Mo.

FOR SALE—At a bargain; four greenhouses, well stocked; also cold frame sash; 2-room cottage, city water; houses heated by hot water; situated at Lynchburg, Virginia, a city of 25,000 inhabitants. Apply J. Palmer Gordon, Ashland, Virginia.

FOR SALE—A well-established, well-stocked, first-class retail florist store in the business center of one of the largest cities of the middle states; excellent patronage; handles the flowers of 100,000 sq. feet of glass. For full particulars address No. 27, care of Florists' Review, Chicago.

FOR SALE—Four acres of land all planted with good salable nursery stock and 900 feet of glass in good condition. Address G. Teufel, R. F. D. Portland, Ore.

PUBLIC SALE.

Will be sold at public sale on October 29 at 1 o'clock: 9 greenhouses containing 21,000 feet of glass, filled with carnations; 4 acres of land, hot water boilers, 35 miles from Philadelphia on P. S. V. R. R., near Parker Ford Station.

ESTATE OF AARON KEITER.

Wanted- A good, reliable young man, up to date in floral work of all kinds and must be a good salesman for a first-class retail store. Must be able to take care of small conservatory, etc.; state salary wanted and reference from last place; permanent position for right party. **Address No. 43, care Florists' Review, Chicago.**

Situation Wanted

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; can furnish good references.

Address **No. 47,** care Florists' Review, Chicago.

FOR SALE.

Our Greenhouses, planted in Chrysanthemums, Roses and Carnations, besides ferns and miscellaneous stock for propagating, flower pots, delivery wagon, horses, etc.; ground and residence and barn to be leased for ten years or more. The oldest and best established trade in our city of 25,000 people. Reason for selling; Father and Mother too old to carry their extensive retail store in this city, and I have to take charge. Immediate occupation given. Season open Oct. 20. Everything in fine shape. Cash or Credit. Address

A. A. PANTET, Ft. Smith, Ark.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25 900 square feet of glass from 50 to 60 degrees. For further particulars

Address **S. J. REUTER, WESTERLY, R. I.**

HARRISII
GUARANTEED SOUND BULBS
5 TO 7
400 IN A CASE for $6.00 CASH
W. ELLIOTT & SONS Auction Department NEW YORK
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

VISITED NEW YORK.—Wm. Rennie, of Rennie & Pino, Providence, R. I.

EVERETT B. CLARK, Milford, Conn., is visiting at Omaha, Neb., and calling on the trade in the west.

THE previous record for a late harvest of onion sets has been beaten by a Chicago grower who started in to finish up his last ten-acre patch October 10.

AT CHICAGO onion set orders for after January delivery are being booked now at $2.25 for red and yellow and $2.50 for white, for a thirty-two-pound bushel.

INDIANAPOLIS, IND.—Last week Huntington & Page gave a clam bake to the employes of their onion set farms, in celebration of the end of a harvest that had been unusually prolonged.

EUROPEAN aster seed crops have suffered severely all season but the aster has been taken up by many widely scattered growers, so that adequate supplies for the normal requirements are expected.

J. M. THORBURN & Co., New York, will this fall distribute a new potato, Noroton Beauty, said to be sixteen days earlier than Early Rose and a heavy producer. They regard this as their most important introduction in this line.

VISITED CHICAGO.—J. Simmers and Mrs. Simmers, of Toronto, Can., return from the St. Louis exposition; J. G. Purvis, representing Wm. Rennie, Toronto, on his way to Winnipeg, Manitoba, to open a branch distributing house at that point.

VERY discouraging reports are being received from the bean growing sections. The damp weather will not permit of threshing, and it is feared that a continuation of it will mold the beans in the stacks and spoil a large proportion of them.

THE directors of the Wholesale Seedsmen's League held the regular October meeting at New York last Friday. Various matters of trade interest were discussed and crop conditions canvassed. It is yet too early to fix prices on more than a few articles.

RELIABLE estimates of the probable harvest of sweet corn and cucumber seed are not likely to be had for some time to come. The fact that there has been plenty of corn fit for canning purposes and practically more than enough pickles for the salting vats does not insure either a good crop of corn seed nor any sort of a crop of cucumber seed.

Garden Seeds and Sweet Corn.
THE EVERETT B. CLARK CO., MILFORD, CONN.
Have just harvested of excellent quality and offer:
TURNIP—Red Flat Strap, Red Top Globe and P. T. Rutabaga.
PARSNIP—Long Smooth, and Hollow Crown.
BEET—Crosby's Egyptian, Edmands Impd., and Dewings B.T.
ONION—Southport Yellow and Red Globe and Selected Y. G. D.
FALL PRICES ON SWEET CORN NOW READY.
☞THE ABOVE IS ALL STRICTLY CONNECTICUT GROWN.
Mention The Review when you write.

CONTINENTAL Europe has suffered a visitation of vermin which has done much damage to all crops this season.

PHILIPPE DE VILMORIN, who has been serving on the international jury of awards at St. Louis, has returned to Paris.

THE government estimate of the year's corn crop is 2,315,000,000 bushels, a loss of 19,000,000 bushels from the September estimate.

QUEDLINBURG growers had an average crop of spinach, but demand has been active, so that stocks are largely distributed and prices strong.

CHICAGO ONION SET CROP.

The onion set crop at Chicago, now that the harvest is completed, pans out about sixty per cent of what the seed sown was expected to produce. The season began wrong, bad spring weather put the ground in poor shape for seeding and the cold weather that prevailed throughout the growing period kept the crop back. On sandy ground, where naturally crops mature early, the effect of the unseasonable weather was not so noticeable and the seed sown in this sort of land pushed along and made a fairly satisfactory crop of sets. The greater portion of the seed planted for sets, however, went into clay soil, where good growing weather is needed during June and the first half of July to mature a good crop of sets. This year unseasonable weather strung along throughout June and July, with rains at the wrong time, giving a second growth to at least a third of the crop, thereby lessening it just that much. The "evergreen" onion field is something that no onion grower likes. It makes the harvest more costly, shortens the crop and hurts the quality. A few of the Chicago growers experienced it this year, as did growers at other points. With a short set crop at Chicago and the dropping out of growers at points that formerly cut a figure as onion set sections, there is not likely to be any recession from prices now ruling.

MAILING CATALOGUES.

Apropos of an item in the REVIEW of October 6 I beg to say that we have not found the new postoffice regulations in regard to mailing catalogues in bulk unreasonable except in one particular; that we secured permit No. 2, having made application in July; that we have had the electrotype made, have placed an order with the paper bag manufacturers, who have the electro ere this and probably have it on the press. The Cleveland postoffice received advices on October 3 and we received our permit October 8. That hardly seems as though the obstacles were insurmountable.

It is reasonable that the certain words should be printed on the wrappers and that they should come within certain limitations as to size, the letters between 10-point and 24-point and the figure between 14-point and 36-point. It is reasonable also that the number at a time, 2,000 at least, should be prescribed.

It does seem unreasonable, however, that mail to Canada and Mexico must be sent in the usual way, and it will certainly add labor to have catalogues presented at the postoffice in packages of equal number that can be easily counted, but the American Seed Trade Association only asked that these regulations apply to third-class matter and they apply to fourth-class as well.

We believe that when the new order is understood everyone will realize that we have gained a long step toward second-class classification of catalogues and one or two other desirable things along these lines. C. E. KENDEL, Sec'y.

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

INDIANAPOLIS, IND.—Mrs. A. F. J. Baur has been quite ill for several weeks but is now happily on the road to recovery.

PEORIA, ILL.—George A. Kuhl decorated the Standard Theater October 10 for Miss Luppen's recital. It was one of the social events of the season.



Freesia Bulbs!

	100	1000		100	1000
First Size, 5/8-in. and up.	$0.75	$6.50	Mammoth.....	$1.00	$8.00
Extra " 3/4-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Thorburn's Bulbs

JAPAN
Lilium Longiflorum
NOW ON HAND.
— ALSO —
LILIUM HARRISII and
ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.
Areca Lutescens....at $3.00 per 1000
Kentia Forsteriana at 3.50 "
Kentia Belmoreana at 4.00 "

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

TUBEROUS BEGONIAS
OUR GOLD MEDAL STRAIN.
We are booking orders for the above, which gave such universal satisfaction last year. Ready for shipment about November 25th.
Write for prices and circular.
HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

Mention The Review when you write.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to
JULIUS HANSEN,
PINNEBERG, (Germany).

Mention The Review when you write.

LILY OF THE VALLEY
From cold storage, $1.50 per 100; $14.00 per 1000.
Headquarters for finest CUT VALLEY.
H. N. BRUNS,
1409 W. Madison St., CHICAGO.

Now Ready for Delivery
W. W. RAWSON & Co. Bringing Tested Seeds. BOSTON, MASS.
LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.
W. W. RAWSON & CO., Seedsmen.
12-13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SELECTED SINGLE DUTCH HYACINTHS 60 NAMED VARIETIES
Splendid Bulbs for Pot Forcing or Bedding.
65c. per doz.; $4.00 per 100; $37.00 per 1000.

SINGLE OR DOUBLE DUTCH HYACINTHS SEPARATE COLORS
Fine Bulbs, 15 centimeters and over, 40c. per doz.; $2.75 per 100; $25.00 per 1000

	Per doz.	Per 100	Per 1000
TULIPS, Superfine Single Mixed,	15c	75c	$6.50
" " Double "	15c	90c	7.50

Send for complete Bulb List.
JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Michell's Reliable Seeds

ASPARAGUS P. NANUS—90c per 100; $7.00 per 1000.
ASPARAGUS SPRENGERI—15c per 100; $1.00 per 1000.
CYCLAMEN GIGANTEUM—Michell's Fancy Strain; white, pink, red, white with eye. $1.00 per 100; $9.00 per 1000. Mixed colors, 90c per 100 seeds; $8.00 per 1000.
SMILAX—New Crop, 10c per trade packet; 80c per oz.; 1/4 lb., $1.00; $3.00 per lb.
CINERARIA—Prize Dwarf, mixed, 60c per half trade pkt.; $1.00 per whole trade pkt.
Medium Tall, 60c per half trade pkt.; $1.00 per whole trade pkt.
Let us quote prices on your Bulb order.
Henry F. Michell Co. 1018 Market St. Philadelphia

Mention The Review when you write.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Bamboo Plant Stakes, Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc.
5 feet and over, 1/4 to 3/8 inch, per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, 1/4 to 3/8 inch..... " 3.25; " 6.00; " 11.00.
FRESH CYCAS STEMS—Assorted sizes, 1 to 5 lbs., per 100 lbs., $7.00; per case (300 lbs.) $18.00.
FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.
C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

Burpee's Seeds Grow

Vegetable Forcing.

MUSHROOMS.

Mushrooms are by no means fastidious regarding the style or construction of the house nor the location in which they are grown. We have seen them grown successfully under greenhouse benches, in an empty corner of a coal cellar, in a root cellar and even in a disused ice house with just as little trouble as in an up-to-date mushroom house. In any or all of these situations the proper conditions for their development may be provided. These conditions comprise darkness, a moist atmosphere, a temperature of not less than 50 degrees and some means of ventilation when necessary.

It is, however, important that the situation be such that the fluctuations of the outdoor temperature will have little if any effect on the temperature inside the house. In this respect a frost-proof cellar is about as good as anything. While the temperature may be maintained by fire heat, if hard firing has to be resorted to, the drying influence on the beds is detrimental to the development of the crop and may necessitate the application of water to the beds, which should, if possible, be avoided. If conditions are provided so that the natural moisture of the bed can be maintained, that will be sufficient for the best development of the crop. Where it is intended to go into mushroom culture to any extent it will pay, however, to have a properly constructed house and in the making of such the above points should be taken into consideration.

Regarding the preparation of the material for making up the bed, in my notes of last year I tried to cover the matter pretty fully, and it seems like going over the same ground again, but for the benefit of beginners or others who may be looking for information on this point I will here give my ideas briefly. Instead of procuring fresh manure and keeping it turned frequently for eight or ten days until the heat is pretty well worked out, the custom now is to mix the fresh manure with soil or old rotted manure, or both, about one-half fresh manure and the other half old manure and soil in proportions of about two-thirds old manure to one of soil. After the first mushroom beds are past bearing the old material can be conveniently used for mixing with the fresh manure. But if soil has been employed in the first mixture, the additional soil used for covering the bed should be partly removed before the bed is disturbed to avoid getting too much soil in the mixture, which would render it too heavy. The great advantage of mixing the fresh manure with what might be called cooling material is that violent heating is avoided and a large percentage of the ammonia retained.

The best depth of bed is twelve inches. A bed of this depth is less liable to dry out and will continue to bear longer than one of eight or nine inches, which depth is sometimes recommended as best. In making the bed the material should be packed firmly and before the spawn is introduced the temperature of the bed (which will probably rise to over 100 degrees) should be allowed to fall to about 90 degrees. It is very important that the spawn be fresh to insure its running freely. Pieces about two inches square should be inserted in holes about three inches deep and five inches apart, the holes being again filled up to the level of the bed. In a week or ten days, when the temperature of the bed has fallen to about 75 degrees, the bed should be covered with soil to a depth of about two inches. This soil should be beaten down with the back of a spade so as to present a level surface, but not beaten too hard, especially if rather damp. After this covering the bed may rise in temperature, but after it has again dropped below 75 degrees a covering of clean straw should be given to help conserve both heat and moisture.

For the first week or ten days the temperature should be kept in the neighborhood of 70 degrees to insure the free diffusion of the spawn, but after that it should gradually recede until, when it comes into bearing, it should be only slightly above that of the atmosphere of the house. The best temperature for the house to be kept is not under 50 or above 55 degrees. If run much higher the quality of the product is apt to be poor. After the mushrooms begin to appear, which, under suitable conditions, should be in from six to seven weeks, the straw should be removed from the beds. This removal is necessary not only to allow freedom to gather the crop but also to avert damping off, which sometimes takes place if the surface of the bed is kept too damp. The length of time that the bed will continue to bear varies according to the quality or moisture conserving properties of the material used. But where a continuous supply is desired fresh beds should be made up at intervals of about three weeks. After the first crop is over, by giving a good watering with tepid water and covering over with an inch of fresh soil, a good second crop can often be had, but as this cannot be relied upon, where fresh material can conveniently be procured, it is better to make up a fresh bed rather than depend upon procuring a second crop from the old one.

W. S. Croydon.

CUCUMBERS UNDER GLASS.

An excellent treatise on this subject is published by Mr. Fabius, Redlands Nursery, Emsworth, Hants. To be a successful cucumber grower, says the author, all depends upon the man; no amount of advice, instruction, or assistance can be of any use in the absence of that one condition. The publication of this little book might therefore seem superfluous; but it is really far from being so, and the most severely practical man will derive many a hint from these pages. The whole routine of cultivation, from the sowing of the seed to the cutting of the fruit, is clearly expounded, and the questions relating to soil, heating, and other essentials are fully entered into. Hygiene and preventive measures are most important in cucumber growing, for if the soil contains eel-worms, or fungous spores are introduced with manure, the cultural conditions which suit the cucumber also favor the fungi. The soil should be sterilized by steam if possible; if not, by stacking the loam in layers with gas-lime intervening, and keeping it at least twelve months before using it. The close, stuffy atmosphere of a cucumber house is most favorable for the growth of fungous molds of all kinds; the importance of free ventilation is thus emphasized. Overcrowding the plants of course favors the spread of the fungus. The maintenance of an even temperature is also of primary importance, and the watering should be most carefully attended to. Think first, and water afterwards, is Mr. Fabius' advice, and excellent it is. Indeed, we have rarely seen a book in which science (that is, knowledge derived from careful observation) has been more judiciously applied to practice. If all "book-knowledge" were of this kind, we should not hear much about the uselessness of book-learning.—Gardeners' Chronicle.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

The high position to which horticulture has attained could not have been better attested than by the recent opening by the King and Queen of the new hall of the Royal Horticultural Society and the character of the assemblage which was privileged to witness it. After many vicissitudes the germ of that society, originating in the brain of its founder a century ago, has developed into a magnificent organization universally recognized as fully competent to deal with the varied phases and interests of horticulture as in the process of evolution they present themselves.

Every now and then some correspondent sends us specimens of gloxinias with a double bloom, a supplementary corolla emerging from the outer surface of the first. The condition is figured in Vegetable Teratology, page 451, and at the time of the publication of that volume the condition was so "fixed" that a "strain" of such flowers was produced and was offered in commerce. Since that time the strain has died out, save for the occasional occurrence of specimens such as we have alluded to. Messrs. Parsons, of Swansea, now send us pure white flowers of this character, which they tell us are reproduced from seed, and come very true and regular. No doubt by continued selection improvements will be effected.

Fort Smith, Ark.—The second annual flower show by the lady managers of Belle Point hospital will be held November 3 to 5, with A. A. Pantet manager. Last year's show was a great success and a liberal premium list has been issued.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

R. O. Graham is treasurer and manager of the Lilly Orchard Co., east of Bloomington, Ill.

Field-grown plants of Crimson Rambler rose are in active demand this fall and in short supply.

The Champaign Nursery Co., Champaign, Ill., has opened a sales ground in town for the fall season.

The P. J. Berckmans Co. says the Amoor river privet, Ligustrum Amurense, so largely planted for hedges in the south, has stood 20 degrees below zero.

There will be large plantings of June budded peach trees in the south again this fall.

Thomas J. Dwyer, Cornwall, N. Y., died October 4 of Bright's disease. He was 49 years of age and had spent his lifetime in the nursery business, his name being particularly associated with strawberries and small fruits.

The southern strawberry growers are buying very large quantities of plants of southeastern nurserymen. Plants set out after the fall rains will give a fair crop the next spring, but the real harvest comes the second season. Most growers plow up and replant half their field each year.

Apple orcharding is on the increase in the south, but northern winter varieties do not hold their fruit well. The Berckmans Co. recommends Hargrave, a fall variety which originated in North Carolina, and Poorhouse, a winter apple supposed to keep market growers away from the place of that name.

Orcharding in the Pacific northwest, and consequently the nursery business, should be largely stimulated by the new rate on apples put in effect October 8 on the Northern Pacific. It is 60 cents per hundred pounds with a 3,000-pound minimum, as against a former rate of 75 cents and a 24,000-pound minimum. This is to permit second-grade as well as first grade fruit to reach eastern markets.

PITCHER & MANDA AGAIN.

James R. Pitcher, manager at No. 46 Cedar street, New York, has filed a petition in bankruptcy, with liabilities $69,450 and no assets. Of the liabilities $12,237 are for goods sold to the firm of Pitcher & Martin, soap manufacturers, in 1897. Part of his debts were contracted in New York and part at Short Hills, N. J., and various other suburban places between 1892 and 1898. Mr. Pitcher was for twelve years manager of a mutual accident association, afterward was interested in the nursery business of Pitcher & Manda at Short Hills, and later was president of a soap manufacturing concern in New York.

TREES and SHRUBS
FINE VARIETIES. Low Prices.
For both wholesale and retail trade.
Send for catalogue.
PETERSON NURSERY,
LINCOLN and PETERSON AVES., CHICAGO, ILL.
Mention The Review when you write.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention The Review when you write.

EISELE'S PRIVET.
NONE BETTER

	Per 1000
20,000—3-year, cut back, heavy, 2½ to 3½ ft.	$30 00
25,000—2-year, 2 to 2½ ft., strong	20.00
30,000—1-year, 12 to 18 inches	12.00

	Per 1000
10,000—Golden Elder, 3-year	$60.00
10 000—Euonymus, 1-year, 12 to 15 in. high	60.00
10 000—Box Edging, 3 to 4 inches high	50.00
1,500—Hydrangea Rosea, 1-year cuttings	60.00

EISELE'S HARDY, LARGE, FIELD-GROWN PERENNIALS.
NONE BETTER

	Per 100
Achillea The Pearl	$5.00
Achillea Rosea	4.00
Aquilegia	5.00
Santolina, large	6.00
Clematis, white strong	6.00
Coreopsis Lanceolata	4.00
Dianthus Barbatus	5.00
Funkia Caerulea	4.00
Gaillardia Grandiflora	5.00
Helianthus Maximiliani	4.00

	Per 100
Delphinium, Formosum	$5.00
Hollyhocks, double, white, red, pink, yellow, 1 year	8 00
Hollyhocks, single, mixed	6.00
Golden Glow	3 00
Lychnis Haageana	5 00
Lychnis Chalcedonica	5 00
Monarda Rosea	5 00
Myosotis Palustris	3.00

	Per 100
Anthemis Tinctoria	$5 00
Heuchera Sanguinea	6 00
Stokesia Cyanea	5.00
Pyrethrum Roseum	5.00
Papaver Orientalis	5.00
Veronica Longifolia	8.00
Platycodon, blue	5.00
Digitalis Gloxinaeflora	6.00
Agrostemma Coronaria	5.00

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500 000 plants, all sizes up to 4½ feet. Fine, bushy plants. Large block must be cleared this fall. Will make very low prices on any quantity from 1000 to a carload. You can save lots of money by getting my prices.
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Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write
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For Fall planting and Spring sales. Buy now, plants are more select in the Fall and prices lower than in Spring. If not planted now these hardy plants keep well heeled in the open ground and are ready in spring when wanted. **Roses** fine 2-year field-grown Gen'l. Jacq and other best H. P. 12c. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX long canes for forcing 20c. **Large-flowered Clematis** finest purple, white, lavender, pink, named 2-year 18c; 1-year 9c; extra 3-year 30c. Clematis Paniculata 2-year, strong 8c. **Ampelopsis** Veitchii 2-year 10c; second size 6c. Hydrangea P. G. strong and bushy 10c.; splendid tree shaped specimens 30c. **Golden Glow** strong 4c.; **Iris** finest Japanese and German 10c. **Hardy Phlox** finest named sorts 8c. **Peonies** best varieties 12c. **Hardy Shrubs** strong 2-year field grown, leading sorts, Althea 10c. Deutzias 10c.; Japan Quince 8c.; Syringas 12c.; Spiraeas 10c.; Weigelias 10c; Cal. Privet extra strong 4c., etc., etc. Also Fruit and ornamental trees, etc., priced on application. Packing is free for cash, done in the best manner, and light as consistant with safety. No order accepted less than one dollar, unless for samples.
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Packing free.	Per 100	1000
50,000 3 years, 2½ to 3 feet	$3 00	$28.00
50.000 2 years, 3 to 4 feet	2.75	25.00
200 000 2 years, 2 to 3 feet	2 25	20.00
200.000 2 years, 20 to 24 inches	2.00	15.00
50,000 2 years, 15 to 20 inches	1.75	12.00
400,000 1 year, 12 to 18 inches	1.00	8.00
Cuttings, February and March, 8-inch		.75

200 Trees, 3 years, heads 4 to 5 feet.....20c each.
2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS.	Per 1000
Palmetto and Barr's Mammoth 2-year	$3.00
Palmetto and Barr's Mammoth, 1-year	2.50

Write for Trade List. Remember, packing free on Fall Delivery.
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KENTIA BELMOREANA.

Pots.	Leaves.	Inches high.	Per doz.	Per 100
3-in....	5	12 to 15	$2.00	$15 00
4-in....	5 to 6	15 to 18	4 50	35 00
5-in....	6 to 7	18 to 20	6.00	50 00
5-in....	6 to 7	20	9.00	70.00

			Each.	Per doz.
6-in....	6	20 to 24	$1.00	$12.00
6-in....	6 to 7	28 to 30	1 25	15 00
6-in....	6 to 7	30 to 36	1 50	18.00
8-in....	6 to 7	34 to 36	2.50	30.00

KENTIAS

QUALITY GUARANTEED

Joseph Heacock,
WYNCOTE, PA.

KENTIA FORSTERIANA.

Pots.	Leaves.	Inches high.	Each.	Per doz.
6-in....	5 to 6	28 to 30	$1.00	$12.00
6-in....	6	30 to 32	1 25	15.00
6-in....	6	32 to 36	1.50	18.00

Pots.	MADE UP PLANTS.	Each
7-in	...4 plants in pot, 32 in. high	$3.00
10-in	...4 " " 48 to 54 in. high	5 00
8-in	....4 " " 42 in. high	3.00
10-in	...4 " " 60 in. high	6.50

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PITTSBURG.

The Market.

Trade the past week has been exceptionally good for this season; stock of all kinds has shown an improvement. Roses are better in color and are beginning to get the usual size and length of stem. Carnations are not very plentiful, but chrysanthemums are becoming more plentiful every day, so that they will not be needed so badly, although since asters ran out the shortage was greatly felt.

J. B. Murdoch & Co., the new wholesale house, have opened their new store room, 545 Liberty Avenue, second floor, and are now ready for business.

Club Meeting.

The Florists' Club met last Tuesday evening. The subject for discussion was "Dahlias and Other Seasonable Flowers." R. Vincent, Jr., & Sons, White Marsh, Md., showed a lot of dahlias, some of which were very fine and received a great deal of praise from the members present. Mr. Zimmerman, the gardener at Dixmont, showed a number of things which he grows in quantity, such as gaillardias, dahlias, cosmos, mignonette, small hardy sunflowers and hardy asters. He explained that all of these are used to brighten the rooms of the lunatics, which was news to many, who thought the only thing they got was strait-jackets.

Julius Ludwig brought a bunch of native gentian, or closed gentian, which many present had never seen. The Pittsburg Cut Flower Co. showed some fine vases of early chrysanthemums, grown by the Pittsburg Rose and Carnation Co. All of these things came in for discussion and a very pleasant and profitable evening was spent, after which President Falconer called on John Bader to give us an account of his trip to California, and then we found out why John was so quiet while we were discussing dahlias. He said the ones we had were nothing, as he had seen some in California six times as large as the largest we had, which would make them about thirty inches in diameter. Pretty fair sized dahlias!

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Wholesale Commission Florists and Dealers in Florists' Supplies,

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All Cut Flowers at ruling market prices.

Fine Large CHRYSANTHEMUMS
Double and Single VIOLETS
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Write for special prices.

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Various Notes.

The Pittsburg Rose and Carnation Co., last week brought in its second gas well within a month. This well will be plugged for the present and Fred Burki will not lose any sleep for some time worrying about fuel, and he need not care how high coal goes, as they now have four flowing wells, two of which will be held in reserve, possibly not needed for a year or two. Just think of that, you eastern brothers!

Mrs. E. A. Williams made a trip east and purchased an immense stock of large palms, ferns and other decorative stock to fill up the new houses, as she closed out most of the old stock last spring to make room for rebuilding. Mrs. Williams is the only woman in the business in this city and she is capable of keeping the wisest of them on the jump as far as getting orders for decorations is concerned.

The new store of A. K. Hutchison, in Sewickley, opened last Thursday in a blaze of splendor and trade so far has exceeded all of Mr. Hutchison's anticipations.

T. P. Langhans paid a visit to Washington, D. C., last week on legal business and then ran around by way of Philadelphia.

The People's Store, one of the department houses in Pittsburg, has been making a run on Boston ferns. This is getting to be a fad with all the department stores.

Mrs. Elicker, of Homestead, Pa., has been offering her place for sale. It would be a great chance for anyone with the cash.

Walter Breitenstein, George and Ed. Blind are reported as St. Louis visitors.

Hoo-Hoo.

ANDERSON, IND.—C. H. Williams has bought the greenhouses and business of Mark Longfellow, who is preparing to move to Chattanooga.

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AMERICAN BEAUTIES—	Per doz.
30 to 36-inch stems	$3.00
24-inch stems	2.00
18-inch stems	1.50
12-inch stems	1.00
Short stems per 100, $4.00 to	6.00

	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00 to 6.00
" " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
GOLDEN GATES	2.00 to 4.00
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All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00

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Fine thrifty stock, 2-inch, per 100, $10.00.
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Prices of larger stock upon application.

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Wholesale Cut Flower Prices.

Philadelphia, Oct. 12.

	Per doz.
Beauties, Specials	$2.00 to 3.00
" Extra	1.50
" Medium	1.00
" Short	.50 to .75
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
" " Extra	1.50 to 2.00
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" " Specials	2.00 to 5.00
Kaiserin, Firsts	5.00 to 10.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Ideal	2.00 to 5.00
Golden Gate, Firsts	5.00 to 8.00
" Seconds	2.00 to 3.00
Cattleyas	50.00
Dendrobium Formosum	40.00
Carnations, Common	1.00
" Fancy	1.50 to 2.00
" Novelties	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Valley	2.00 to 4.00
Single Violets	.25 to .35
Double "	.50 to .75
Smilax	10 00 to 12.50
Yellow Daisies	.75 to 1.00
Chrysanthemums, Fancy per doz.	2.00 to 3.00
" Common "	1.00 to 1.50
Gardenias per 100	20.00 to 25.00

The First Steps!

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FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

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6-in. pots,	15 to 18 in.	high	above pot,	$12.00 doz
7-in. "	20 to 22 in.	"	" "	18.00 "
8-in. "	24 to 28 in.	"	" "	2.50 ea.
12-in. "	pedestal grown.			6.00 "

JOHN WELSH YOUNG,

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New York, Oct. 10.

		Per 100
Beauties,	Specials	$15.00 to $25.00
"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	3.00 to 5.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.50 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		2.00 to 5.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		40.00 to 60.00
Carnations, Common		.50 to .75
" Selects		1.00 to 1.50
" Fancies		1.50 to 2.00
" Novelties		2.00 to 3.00
Chrysanthemums, Fancy		15.00 to 35.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri	per bunch,	10.00 to 12.00
Asters		.50 to 1.50
Dahlias		1.00 to 5.00
Lilies		5.00 to 10.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 8.00
Violets		.25 to .50
Chrysanthemums		8.00 to 10.00
Tuberoses		1.00 to 2.00

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Galax—Bronze or Green	$1.00	per 1000
Ferns—Dagger or Fancy	.75	"
Ivy Leaves—English	5.00	"
Sphagnum Moss	.60	bbl. sack

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Wholesale Cut Flower Prices.

Boston, Oct. 10.

	Per 100
Beauties, Specials	$30.00 to $40.00
" Extra	15.00 to 25.00
" Short Stems	8.00 to 12.00
Brides, Specials	8.00 to 10.00
" Seconds	4.00 to 6.00
Bridesmaids, Specials	8.00 to 10.00
" Seconds	3.00 to 5.00
Carnots	5.00 to 8.00
Kaiserins, Specials	8.00 to 12.00
" Seconds	4.00 to 5.00
Carnations, Specials	4.00 to 6.00
" Select	2.50 to 3.00
Chrysanthemums	10.00 to 25.00
Violets, Single	.40 to .60
Lily of the Valley per 100,	5.00 to 8.00
Lilium Longiflorum	12.00
Asparagus Plumosus, Strings	50.00
" " Sprays, bunch	.50
Smilax	12.00
Adiantum	.50 to .75

Buffalo, Oct. 12.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	1.00 to 4.00
Chrysanthemums	5.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.30 to .60

WE find much valuable information in the REVIEW and would not care to do without it.—W. G. MOULTON & SON, York Village, Me.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

National Florists' Board of Trade
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56 Pine St., Wallace Bldg., Rooms 601-606 NEW YORK CITY
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53 W. 28th St., NEW YORK
Tel. No. 1214 Madison Square
Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.
Green and Bronze Galax Leaves,
75c. per 1000.

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WHOLESALE FLORISTS,
MILWAUKEE, -- WIS.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

Chicago, Oct. 12.

	Per doz.
Beauties, Long stems	$3.00 to $4.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $5.00	
	Per 100
Bridesmaids, Specials	$4.00 to $8.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 8.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Chatenay	3.00 to 6.00
Carnations, Select	1.00 to 1.50
" Fancy	2.00 to 3.00
Chrysanthemums, good...per doz.	1.50 to 2.00
" fancy... "	2.50 to 3.00
Violets	.20 to 1.00
Shasta Daisies	.50 to 1.00
Tuberoses	3.00 to 5.00
Easter Lilies ....per doz.	1.50
Gladioli	1.00 to 2.00
Dahlias	1.00 to 2.00
Asparagus, Strings	35.00 to 50.00
" Sprays. ... per bunch.	.25 to .35
Ferns....per 1,000, $1.25	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Sprengeri	.25 to .35
Smilax .... per doz.	1.50

We are very much pleased with the Review and always find much information in it.—D. A. Vincent, Ionia, Mich.

I would not think of doing without the Review. It is both practical and interesting and using its advertisements has been very satisfactory.—M. Magruder.

The Review is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSweeney.

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Wholesale Cut Flowers
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Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY
58-60 Wabash Ave. CHICAGO.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

Chas. W. McKellar,
WHOLESALE COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.
ORCHIDS A Specialty
Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.
Mention The Review when you write.

A Daily Cut from 40 Growers.
We can and will fill your Cut Flower wants to advantage.
Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.
Shipping orders our Specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Most complete line of
FLORISTS' SUPPLIES
IN THE WEST.
—— CATALOGUE FREE ——
E. F. WINTERSON CO.
Established 1894.
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SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
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GARDENIA Flowers ARE NOW BRINGING 20c each. Why not plant some at once? Good 6-in. plants, $6 00 doz.; $40.00 per 100.

Asparagus Plants--Extra Value, 2½-inch, $4.00 per 100; $35.00 per 1000.
3-inch, 6.00 " 55.00 "

Come and see the samples or send us your orders, large or small, and we will fill them promptly and carefully.

CUT FLOWERS.

VALLEY—Very fine stock in quantity.

BEAUTIES,

We have more of them and they are finer than can be found elsewhere in the city; and everything else a florist uses.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Oct. 12

		Per doz.
Beauties,	Specials	$3.00 to $5.00
"	Extra	1.50 to 2.00
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$5.00 to $8.00
" "	Extra	3.00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		5.00 to 8.00
Golden Gate		4.00 to 6.00
Kaiserin		5.00 to 6.00
Liberty		4.00 to 6.00
Meteor		4.00 to 6.00
Carnations,	Common	1.00 to 1.50
"	Select	2.00 to 2.50
"	Fancies	2.50 to 3.00
Adiantum		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 35.00
" "	Sprays	1.00 to 1.50
"	Sprengeri "	1.00 to 1.55
Asters		.75 to 2.00
Chrysanthemums,	Select	3.00
"	Fair	1.00 to 2.00
Gladiolus		2.00 to 3.00
Lily of the Valley		3.00 to 4 00
Smilax		12.50 to 15.00
Violets		.25 to .50
Dahlias		1.00 to 2.00

Milwaukee, Oct. 12.

		Per 100
Beauties,	Extra	$25.00
"	No. 1	$10.00 to 18.00
"	Shorts	4.00 to 8.00
Bride and Bridesmaid,	No. 1	6.00
" "	No. 2	4 00
Golden Gate		4.00 to 6.00
Kaiserin		4.00 to 6.00
Liberty		4.00 to 8.00
Mme. Chatenay		4.00 to 6.00
Meteors		4.00 to 6.00
Carnations		1.50 to 2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	35.00 to 50.00
" "	Sprays	2.00 to 3.00
"	Sprengeri "	3.00 to 4.00
Asters		1.00
Lily of the Valley		3.00 to 4.00
Smilax		12.00 to 15.00

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C. C. Pollworth Co.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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PERCY JONES, Manager.

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Wholesale Commission Dealer in

Cut Flowers and Florists' Supplies

ROSES, CARNATIONS, MUMS AND VIOLETS ARE NOW ARRIVING.

Special Attention to Shipping Orders.

If you are in the market to buy or sell write or wire

128 E. Third St., CINCINNATI, OHIO.

Telephone M 980. Night Messages W 1191 R.

WIRE WORK of all Kinds for Florists.

Mention The Review when you write.

C. E. Critchell,

Wholesale Commission Florist,

36 EAST THIRD STREET, CINCINNATI, OHIO.

All orders promptly filled in best possible manner. Consignments Solicited.

Prompt and liberal returns on all consignments.

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Seedsmen and Wholesale Florists.

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WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Wholesale Cut Flower Prices.

Cincinnati, Oct. 12.

			Per 100
Beauties,	Extra	$15.00 to	$25.00
"	No. 1	10.00 to	12.50
"	Shorts	4.00 to	8.00
Brides and Maids,	Extra		4.00
" "	No. 1		3.00
" "	No. 2		2.00
Golden Gate		2.00 to	4.00
Kaiserin		2.00 to	6.00
Liberty		2.00 to	5.00
Meteor		2.00 to	4.00
Perle and Sunrise		2.00 to	3.00
Carnations,	Common		1.00
"	Selects	1.50 to	2.00
"	Fancies	2.50 to	3.00
Asparagus Plumosus,	Strings	35.00 to	50.00
" "	Sprays	4.00 to	5.00
"	Sprengeri, "	2.00 to	3.00
Dahlias		2.00 to	4.00
Gladiolus		2.00 to	3.00
Lilium Longiflorum		8.00 to	12.50
Smilax		10 00 to	15.00
Lily of the Valley		3.00 to	4.00
Chrysanthemums		10.00 to	20.00
Violets		.35 to	.50

Pittsburg, Oct. 12.

			Per 100
Beauties,	Specials	$20.00 to	$25.00
"	Extra	12.00 to	15.00
"	No. 1	8.00 to	10.00
"	Shorts		5.00
Brides and Maids		2.00 to	6.00
Cusin		2.00 to	4.00
Kaiserin		2.00 to	10.00
Liberty		3.00 to	6.00
Mme. Chatenay		2.00 to	5.00
Carnations		1.00 to	3.00
Adiantum Cuneatum		1.00 to	1.50
Asparagus Plumosus,	Strings	25.00 to	50.00
" "	Sprays	1.00 to	3.00
"	Sprengeri "	2.00 to	4.00
Chrysanthemums		8.00 to	20.00
Lily of the Valley			4.00
Violets		.50 to	1.00
Smilax		12.50 to	15.00
Lilies		12.00 to	15.00

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

Solicits your orders with confidence that he can serve you to your entire satisfaction.

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THE FINEST OF EVERYTHING IN THE MARKET.

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Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

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227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

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RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

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ST. PAUL or MINNEAPOLIS.

Julius Baer,

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Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

FRED C. WEBER, FflorIST,

4326-28 Olive Street, St. Louis, Mo

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

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All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

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SEASON

..IS NOW..

At HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

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Cor. 45th St., N. W.

NEW YORK, CITY.

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Telephone Calls: 340 and 341 38th Street.

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WHOLESALE FLORISTS,
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will take proper care of your orders in

WISCONSIN

The Park Floral Co.

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David Clarke's Sons

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

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October, the wedding month, is a good time to place your order for RIGHT RIBBONS, with us. RIGHT RIBBONS add beauty to wedding and other decorations, because the colors blend with natures own flowers.
We weave the RIGHT RIBBONS specially for the florist trade. They are rich toned, high qualities and low priced. The RIGHT RIBBONS come direct to you from our mill, no middle profits to pay.

The Pine Tree Silk Mills Company
Philadelphia

Write for samples of our Wedding Ribbons; also other ribbon specialties. All widths, narrow and wide.

CONQUEROR—Taffeta—**CYCLONE.**
CLIMAX—Satin Taffeta—**MONARCH.**

OFFICE AND SALESROOMS:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

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HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

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NEW CROP SOUTHERN WILD SMILAX, best quality, 25-lb. case $3.50; 50-lb. case, $7.

DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1 00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2 00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Mention The Review when you write.

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.

WRITE FOR NEW CATALOGUE.

Mention The Review when you write.

L. BAUMANN & CO.

IMPORTERS AND MANUFACTURERS OF

Florists' Supplies

76-78 Wabash Ave., CHICAGO.

Write for our new catalogue F, our prices may interest you.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

NEWPORT, R. I.

Always at this season we have a period of quiet trade, for with us it is between times, so to speak. The summer business is on its last legs, and the regular autumn and winter trade has hardly begun. There is always the funeral work coming along regularly, and it is really the mainstay of the flower trade here. Prices are perhaps a little less stiff, for as the customers thin out we are all anxious to lose no one. The first violets of the season appeared this week.

The regular meeting of the Horticultural Society took place last Wednesday evening, with President James J. Sullivan in the chair. While all the reports of the recent annual exhibition are not in, enough is known to assure a most pronounced success financially. A. J. Pow exhibited Nerine Fothergilli major and received a silver medal. Colin Robertson showed his new seedling dahlia and got a silver medal. M. B. Faxon displayed a collection of assorted dahlias which received honorable mention. It was by far the best meeting held in a long time and much enjoyed by all present.

Leikens will open a very pretty winter store October 15 at 7 East Thirty-third street, New York City. Although this past summer has been Mr. Leikens' first season he has had a most successful one, and that his New York venture will be a success we feel assured.

Siebrecht & Son closed their summer store here last Saturday, having shipped previously all the palms and other plants remaining on hand to their nurseries at New Rochelle, N. Y. Mr. Armstrong, the manager, has returned to the New York store after a most successful season.

Dennis Leary, of J. M. Hodgson's, very prettily decorated the State Armory for the annual firemen's ball last Thursday evening.

Hitchings & Co. have finished the greenhouse at Sandy Point Farm, for Reginald C. Vanderbilt.

The dahlias here look much better now than they have any time this summer. The frosts still keep off, although we have had some cold nights, the glass showing as low as 36 degrees. Dahlias are the "hobby" here now. ZERO.

ROCHESTER, IND.—J. H. Shelton has had a great deal of funeral work lately. One of the finest floral pieces ever seen here was a forty-eight inch broken wheel made for the funeral of Valentine Zimmerman.

REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

Established 1881.
C. S. FORD,
1417 COLUMBIA AVE., PHILADELPHIA, PA.
LETTERING and
NOVELTIES IN IMMORTELLES, etc.
Representing A. Herrmann, Siebrecht & Son, L. H. Foster, D. B. Long.
CORRESPONDENCE SOLICITED.
Mention The Review when you write.

PACIFIC COAST.

Elsewhere in this issue will be found an account of the two establishments of Clarke Bros., of Portland, Ore., and Fruitvale, Cal., with illustrations showing both ranges.

LILIUM LONGIFLORUM.

The first bulbs of the season of L. longiflorum arrived in San Francisco the last week in September. The importers have been very anxious to dispose of them at $28 per thousand. Some of the growers who purchased heavily of these early imported bulbs during the last two seasons have been very slow this year to place their orders. The bulbs have not by any means come up to expectations and unless the coming season shows a larger percentage of sound flowering shoots the importers will have to look to other fields in which to dispose of their goods. The main trouble lies with the growers themselves. Knowing that the longiflorum does not force as easily or quickly as does L. Harrisii, they have been in a great hurry to get the bulbs planted and by their constant requests for early stock the Japanese growers have got into the habit of digging and shipping unripe bulbs to fill the demand. I think this trouble will right itself in a season or two and growers will become content to wait until the bulbs are in proper condition to handle.

Although the longiflorum does not force as easily as does the other variety, it is much hardier and will stand much more neglect. In planting now for Easter flowering there is no necessity for bringing the bulbs into the heat until early in the winter. They are easily handled in flats, planting about ten bulbs in a box about twelve inches wide, twenty inches long and five inches deep. In pots I force them in 6-inch and 7-inch sizes. I had a batch in boxes about three weeks before Easter last year and I undertook to transplant them into pots for retailing for church decoration. I found they could be handled all right provided they were placed on the floor of the greenhouse and watered and shaded heavily for about a week. In fact, it was impossible to tell the difference from the foliage as to whether they had grown in the pots or whether they were recently transplanted in them. I found this a good plan where the bulbs had flowered unevenly, as they often do, even in pots, and it is no trouble to get twice the price for an Easter lily in a pot that you obtain for the cut stem. G.

SAN FRANCISCO.

The Market.

The weather has turned cooler again. Business is only fair, very little doing except funeral work. For the first time in a month we are able to show a fair supply of flowers. Chrysanthemums are coming in large quantities. Carnations are daily more plentiful, a good many cut from young plants recently housed. Stems are short on such flowers, although blooms are good. Such varieties as Lawson, Enchantress, Estelle and Prosperity are selling at 40 cents per dozen. Flora Hill, Crocker, Schwerin and Triumph sell at three dozen for a dollar. There are quantities of short-stemmed Brides and Maids that do not bring more than $1.50 per hundred. There is a good demand for long-stemmed roses and few are to be seen. American Beauties fare about the worst of any, the flowers being very flat and stubby. This is caused by the heat of several weeks ago. The chrysanthemum is the florists' friend at this time of the year, and there is nothing at any season that can compare with it as a general utility flower. We are paying the growers from 15 cents to 35 cents a dozen for outdoor blooms and they retail readily at three times those prices. The inside mums are selling at from $1 to $2 per dozen. The early indoor blooms proved remunerative enough to the growers of mums and the extra late will sell well after the outside blooms are gone.

Various Notes.

Clarke Bros., of Portland, Ore., and Fruitvale, Cal., are erecting another large greenhouse at the latter place.

John Campiano has purchased the interest of his partner, N. Rolleri, in the Oakland Floral Company.

W. W. Hoogs, father of William Hoogs, of Sanborn's Floral Depot, Oakland, was buried last Saturday. Mr. Hoogs has the sympathies of his many friends in the craft.

W. W. Saunders, of Fresno, Cal., is in town on a few days' visit. G.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Conard & Jones Co., West Grove, Pa., submits for registration the following named new cannas: Improved Black Beauty; has a good flower and more luxuriant growth than Black Beauty; Chameleon, flowers golden orange overlaid wth stippled stripes of Indian red, later showing self yellow and pink, central petal red, height five feet; Indiana, flowers golden orange marked and striped red, single blooms often seven inches across, spikes five to six feet high, foliage green edged brown, three to four feet high; Wyoming, flowers orange, seven to seven and one-half inches across, foliage purple, height six to seven feet; Chappaqua, flowers scarlet blotched and spotted maroon, spikes four to five feet high, leaves broad, greenish bronze; Juniata, flowers chrome yellow, center tinged flesh pink, foliage dark green marked and veined deep bronze, four to five feet high.

Vaughan's Seed Store, Chicago, submits for registration Dahlia Sylvia; color pink. Wm. J. Stewart, Secy.

100,000 Carnation Rooted Cuttings

NOW READY.

	Per 100	Per 1000		Per 100	Per 1000
Lawson, pink	$1.00	$10.00	Golden Beauty, yellow	$1.00	$10.00
Mrs. Joost, pink	1.00	10.00	Harlowarden, crimson	1.00	10.00
Queen Louise, white	1.00	10.00	Norway, white	1.00	10.00
Wolcott, white	1.00	10.00	White Cloud, white	1.00	10.00
G. H. Crane, scarlet	1.00	10.00	Flora Hill, white	1.00	10.00
Estelle, scarlet	1.00	10.00	Genevieve Lord, light pink	1.00	10.00
Prosperity, fancy	1.00	10.00	Viola Allen, variegated	1.00	10.00

CASH or C. O. D., with privilege of examining. Express prepaid at above prices.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

Boston Ferns

Nice, clean stock, from 2½-inch pots, $5.00 per 100; 3-inch pots, $8.00 per 100.

Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at $15.00, $20.00 and $25.00 per 100.

Araucaria Excelsa,

5-in. pots, 3 to 4 tiers, 50c each or $5.00 per doz.

Ocean Park Floral Co.

E. J. VAWTER, President. **Ocean Park, Cal.**

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

Mention The Review when you write.

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

Mention The Review when you write.

El Paso, Tex.—I. A. Barnes says he is going out of business.

West Duluth, Minn.—Mrs. J. H. Bowne is going out of business at the West Duluth greenhouses.

50,000
EXTRA FINE, CLEAN, FIELD-GROWN

CARNATION PLANTS

While they last these will be shipped at the following low prices:

	Per 100	1000
Lawson, pink	$4 00	$35 00
Guardian Angel, pink	3 00	25 00
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 00	25 00
Queen Louise, white	4 00	35 00

George Reinberg
51 WABASH AVENUE,
CHICAGO.

Mention The Review when you write.

CARNATIONS
ON CREDIT

Cash or bank note with 2 good references. 1st size, Hill, Joost, Daybreak, $4.00 per 100. Medium size, Lawson, America, Prosperity, Hill, Joost, Queen Louise, Norway, Lord, Marquis, Crane, Crocker, Morning Glory, $2.50 per 100.

A. A. GANNETT, GENEVA, N. Y.

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

EXTRA STRONG, HEALTHY PLANTS

	100	1000
Boston Market	$6.00	$50 00
Fair Maid	6.00	50.00
Harlowarden	5.00	40.00

Backer & Co., Billerica, Mass.

Mention The Review when you write.

Joost, Hill, Daybreak, Eldorado. No. 1 plants, $4.50 per 100; $40.00 per 1000. Also several other varieties.

Write for list and prices.

Smith & Gannett,
GENEVA, N. Y.

Mention The Review when you write.

HURRY!! HURRY!!

SOUTH SUDBURY, MASS.

Hurry to me 150 lbs. Fumigating Kind. IT IS GREAT STUFF. GEO. HEMINGWAY.

See page 1047

Always Mention the....
Florists' Review
When Writing Advertisers.

Cattleya Trianae = IMPORTED PLANTS.

JUST ARRIVED FROM THE TROPICS IN Splendid Condition.

WRITE FOR SPECIAL PRICE STATING QUANTITY YOU CAN USE.

SEEDS, BULBS AND PLANTS.

Arthur T. Boddington, 342 West 14th St. New York

Mention The Review when you write.

TO CLOSE OUT.
Field-Grown Carnation Plants.

We offer the following at $40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, **1000 GOV. WOLCOTT,**
1000 MORNING GLORY, **1000 WHITE CLOUD.**

WILL BE SHIPPED FROM HINSDALE.

Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. Chicago.

Mention The Review when you write.

CARNATION PLANTS,

Field-grown, FINE, HEALTHY stock. No stem-rot.

		Per 100	Per 1,000
10 000	Lawson	$5.00	$45.00
10.000	White Cloud	5.00	45.00
1,500	Nelson	5 00	45 00
7.000	Prosperity	5.00	45.00
1,000	Glacier	5.00	45.00
600	Norway	5.00	45.00
300	Adonis	5.00	45 00
450	Fair Maid	5.00	45.00
500	Floriana	5.00	45 00
800	Dorothy	5.00	45.00
250	Elma	5.00	45.00
100	Gaiety	5.00	45.00
350	Mrs. Bradt	5.00	45.00
150	J. H. Manley	5.00	45 00
250	Harry Fenn	5 00	45.00
150	Pres. McKinley	5.00	45 00
350	Boston Market	5 00	45.00
350	Gov. Wolcott	5.00	45.00
	G. H. Crane	4 50	40 00
	Gen. Gomez	4.50	40 00
	Gen. Maceo	4.50	40.00

Ferns Piersoni, 2½-in., $8.00 per 100; Boston Ferns, 2½-in., $5.00 per 100; 3-in, $8.00 per 100; 4-in., $15.00 per 100. Ready to be shifted.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

CARNATIONS Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5 00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

Mention The Review when you write.

Fred Burki

is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA. **S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.**

Mention The Review when you write.

A'ways mention the Florists' Review when writing advertisers.

CARNATIONS. FIELD-GROWN PLANTS.

We have had an ideal growing season. Our stock is extra fine and healthy, ready for immediate shipment.

	Per 100	1000
New Daybreak, grand stock, very profitable	$12.00	$100.00
Reliance	12.00	.....
Genevieve Lord, extra size	8.00	.....
" " fine, 1st size	6.00	50.00
Enchantress, fine, 2nd size	6.00	50.00
Norway	6 00	.....
Prosperity fine, 2d size	5.00	.....
Gov. Lowndes	6.00	50.00
Enquirer, extra size	6 00	.....
Harlowarden, fine, 2d size	6.00	.....
Pres. McKinley, extra size	6.00	.....
Fragrance, extra size	6.00	.....
Lillian Pond	5.00	.....
Sybil	5.00	40.00
Mrs. Roosevelt	5.00	.....
Adonis, fine, 2d size	6.00	.....
Gov. Wolcott, small, healthy plants	4.00	.....

Varieties priced per 100 one cent less per plant on any order amounting to 500 plants or over, any varieties. Stock going rapidly. Order quick.

H. WEBER & SONS, - OAKLAND, MD.

Carnation Plants.

ETHEL CROCKER—Large first size plants, per 100, $4.50; per 1000, $40.00.

ELDORADO—Large first size plants, per 100, $4.50; per 1000, $40.00.

MRS. JOOST—Second size plants, short and bushy, per 100, $3.00; per 1000, $25.00.

SMILAX PLANTS,

2-inch, strong and bushy, $8.00 per 1000.

Lakeview Rose Gardens
JAMESTOWN, N. Y.

Mention The Review when you write.

Pansy Plants.

Large flowering, 60c per 100; $2.50 per 1000. CASH.

JOS. H. CUNNINGHAM, DELAWARE, O,

Mention The Review when you write.

MILWAUKEE.

At last week's meeting of the Florists' Club, a florists' bowling team was organized and the committees in charge will arrange for regular meetings and social sessions during the winter months. Papers will be read on various topics at each meeting of the Florists' Club hereafter and discussions will be held on subjects of interest to the trade.

Most growers have finished benching their carnations and the stock in general has done well in the field this summer. There will be a slight increase in stock over last season.

Frost and heavy rains have cut off all outdoor stock and demand is brisk now for all other lines. Trade in general has been good the past week. Mums and violets are in, the former selling well.

Seldom has a more magnificent display of flowers been seen than was seen at the funeral of Postmaster General H. C. Payne. Floral tributes from personal friends, business associates and other organizations were sent in from all over the country. The flowers which came from Washington with the body almost filled the car and they arrived in good condition. They were masterpieces of the florists' art. Among the most notable pieces were a wreath of orchids and valley sent by the President and his wife, a large wreath and mail pouch, a large wreath with large floral envelope bearing the inscription "His Last Letter," a lamp post with mail box attached, a street car sent by the Street Railway Co., an immense basket of American Beauties, also many pieces from civic organizations and newspaper associates. It took several wagons to convey the flowers to the cemetery. Incog.

The Holton & Hunkel greenhouses at 1200 Humboldt avenue were damaged by fire to the extent of $3,000 October 8. About 4:30 a. m. C. B. Whitnall, former owner of the greenhouses and who lives directly in front of them, discovered the fire and turned in an alarm. The flames had started in the boiler room, from which both old and new greenhouses extend toward the east and the west. In this center also are the barn and the work sheds, all of which were destroyed. The ends of the glass houses nearest the fire were also burned off and the stock damaged. The company has 25,000 square feet of glass, a quarter of which, it is estimated, was broken by fire and water. The buildings are insured but not the implements and tools. They had just received a consignment of palms from Holland, the duty and freight on which amounted to $1,000.

GRAND RAPIDS, MICH.

On the day that Charles Chadwick opened his new retail store at Fulton and La Grave streets he gave each visitor a rose or carnation. J. A. Creelman is the manager and is well known in the town. The attendance at the opening was large. The new store is handsomely fitted up. The greenhouse plant consists of twenty-six houses and the stock is looking good. Carnations and violets have been the special crops in the past but roses, particularly Beauties, will be grown in the future.

Allentown, Pa.—Geo. S. Peters will go into business, building two greenhouses at 706 N. Eighth street.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $15.00
Strong, 3-inch.....per 100, 3.00 per 1000, 22.00

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

Carnation Plants

Fine, large and healthy field-grown plants. Extra good. $5 00 per 100, $45 per 1000 lots. Terms CASH at these prices.

1000 Scott 500 Flora Hill. 500 Glacier.
500 Marquis—(if sold alone $6.00 per 100).
600 Crane, 500 Morning Glory.
Perhaps a few more than the above number.

J. C. Rennison, Sioux City, Ia.

Mention The Review when you write.

MUM

time will soon be here. Keep in touch with us on NOVELTIES.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

GREENFLY KILLED FOR YEARS.

Middleboro, Mass.

I have used your Fumigating Powder to destroy greenfly several years and find it the most convenient and effective fumigator I have ever used. C. D. KINGMAN.

See page 1047

PANSY PLANTS.

50,000 pansy plants now ready No better to be had. Fine, strong, stocky plants $4.00 per 1000. Smaller plants of same strain $3 00 per 1000.

Forget-me-nots—Extra fine, grown from my own seed, 50c per 100. Hardy English primrose, mixed seedlings, strong one-year-old. Hardy daisies, white and red. Hardy poppy. Strong double white campanula

A. WENISCH, Florist, Duncombe av., Williamsbridge, New York City.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues Our Specialty. Get our figures.

83-91 Plymouth Place, CHICAGO.

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas 3-in., $4 00 per 100. Primula Sinensis, 3-in., $3 00 per 100; 4-in., $6.00 per 100

Boston Ferns, 5-in., strong plants, $20.00 per 100; 6-in., $25.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

Mention The Review when you write

Lockhaven, Pa.—E. W. Carlson has opened a down-town store at 6 Bellefonte avenue. He not only carries a nice stock of cut flowers and plants but also greenhouse vegetables.

A Rare Opportunity

To secure the following stock. Guaranteed first class. We need the room.

10,000 ASPARAGUS PLUMOSUS NANUS, strongly rooted plants from 2¼-inch pots, $2.00 per 100; $19.00 per 1000.

8,000 ASP. SPRENGERI, nice plants, from 2¼-in. pots, $1.25 per 100; $12.00 per 1000.

800 CARNATION PROSPERITY, strong plants, from the field, $3.00 per 100.

1,000 GERANIUMS J VIAUD, good plants from 2½-inch pots, $1 25 per 100 or the lot for $10.00. —CASH—

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

JUST TO HAND,
FINE IMPORTATION OF

Cattleya Percivaliana

85 per cent leaved bulbs.

Write for samples and prices at once.

JULIUS ROEHRS,

Importer and Grower of Orchids,

Exotic Nurseries, RUTHERFORD, N J.

Mention The Review when you write.

DRACAENA INDIVISA,

Strong, field-grown plants,
3-inch, $4.00 per 100; 4-inch, $6.00; 5-inch, $8.00.
Shipped from Lancaster, Pa.

S. S. SKIDELSKY,

824 N. 24th Street, PHILADELPHIA.

Mention The Review when you write.

VIOLETS

A 1 stock from 3-inch pots, also field grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Sweet Alyssum—for winter blooming, 2-inch, 3c.

Plumosus Nanus—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS,
ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

FIELD-GROWN CARNATIONS.

White:	Per 100	1000
Bride	$10.00	....
Queen Louise	6.00	50.00
Flora Hill	5.00	45.00

White:	Per 100	1000
McGowan	$4.00	$35.00
Pink		
Fair Maid	6.00	....
Pres. McKinley	6.00	....
Alpine Glow	6.00	....

Pink	Per 100	1000
Dean	$5.00	$40.00
Melba	5.00	40.00
Joost	5.00	40.00
Scott	4.00	...
Morning Glory	5.00	....

Miscellaneous;	Per 100	1000
Portia	$4.00	....
Prosperity	6.00	$50.00
Mrs. Bradt	6.00	...

Well grown, large, bushy plants free from all disease
We guarantee all the above stock to be in first-class condition.

The Leo Niessen Company, 1217 Arch St., Philadelphia, Pa.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red;		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
ESTELLE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

No. 1 FIELD-GROWN CARNATION PLANTS

Queen Louise	$4 00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

FIELD-GROWN CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Mrs. E. A. Nelson	pink	6c
Enchantress	light pink	10c	Floriana	pink	5c
Chicago	red	6c	Ethel Crocker	pink	5c
Flora Hill		6c	Eldorado	yellow	5c
Lorna		6c	Oriole	scarlet	5c
Harry Fenn		6c	Mermaid	pink	5c
Wm. Scott		5c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is ....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

Mention The Review when you write.

I HAVE 50,000

Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10 00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson pink	6.00
Prosperity variegated	6.00
Mrs. E. A. Nelson, pink	6 00
McKinley, pink	6 00
Adonis, red	10 00
Fair Maid, pink	6.00
Bradt, variegated	6 00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Ficus, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $5 00; Estelle, $5.00; Alba, $5.00; Enchantress, $6 00; Lawson, $5.00; Queen Louise, $4.00; Manley, $4.00; Lord, $4.00; Lorna $4.00; Glacier, $4.00; America, $4 00; Joost, $4.00; Red Wave $4 00 Gomez, $4.00; Marquis, $4.00; Mermaid, $4.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Field-Grown Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4 50	40.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
HIGINBOTHAM	4 50	40.00
LAWSON	6.00	.....

ROSE PLANTS.

	Per 1000
3½-in. **Gates and Brides**, fine stock	$30.00
2½-in. **Maids**, fine stock	20.00
2½-in. **Stevia**	18.00
2½ in. **Mums**	18.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Mention The Review when you write.

CARNATIONS As good as the best

Lawson, Louise, White Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c. **Princess of Wales Violet Plants**—Large clumps, 5c. **Asparagus Sprengeri**—From 2c to 6c. **Roses**—Gates, Ivory and Brides, 2c.

W. W. COLES, Kokomo, Ind.

Mention The Review when you write.

You will find **ALL** the **BEST** offers **ALL** the time IN THE Review's Classified Advs.

DES MOINES, IA.

Jacob F. Marshall has arranged for the construction of nearly 30,000 square feet of greenhouses on the river bottoms east of Main street and north of State. The greenhouses will be among the largest in the west and will be devoted almost exclusively to forcing vegetables. The houses now used for this purpose will be put into good condition for use for plants and cut flowers, both branches of Mr. Marshall's business requiring additional supplies.

BEST IN CIRCULATION.

Enclosed find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation; anything else I have you will do the job. Geo. Milne.

Winchester, Mass., Sept. 29, 1904.

TO WORLD'S FAIR VISITORS.

Certain other Chicago-St. Louis lines have advertised freely in Chicago and elsewhere that they land their passengers at the World's Fair grounds. Up to a short time ago they were using the Rock Island road to reach the Fair Grounds. A recent order of the United States court prohibits the Rock Island from handling the trains of other lines. The Wabash is, therefore, the only line that can handle World's Fair travel between Union Station, Page Avenue and the World's Fair grounds. The Chicago-St. Louis lines referred to have applied for permission to run their passengers over the Wabash tracks, which permission has been refused. They will be obliged to land their passengers at Union Station, which is over five miles from the World's Fair grounds.

All Wabash Trains

to and from St. Louis, both regular and special, pass and stop at the World's Fair main entrance, where the Wabash has its own magnificent passenger station, with every facility for rapid handling of passengers and baggage.

Between Chicago and St. Louis the Wabash has

Four Daily Trains

leaving Chicago at 8:45 a. m., 11:03 a. m., 9:17 p. m. and 11:30 p. m. The 11:03 a. m. train is the BANNER BLUE LIMITED, "the latest and only finest day train on earth." This train makes the run from Chicago to St. Louis in seven hours, reducing the usual running time by one hour.

World's Fair Excursion Rates

from Chicago are: For coach tickets (good only in coaches or free reclining chair cars) with return limit of seven days from date of sale, $6.00. These tickets are on sale every day except Friday and Saturday.

Ten-day tickets, good in coaches, chair cars and sleepers, $8.00. Sold only on October 12, 16 and 17.

Sixty-day tickets, good in coaches, chair cars or sleepers, $10.00. Sold every day.

Further information promptly furnished upon request.

City ticket office 97 Adams street, Chicago, Ill.

F. A. Palmer,
A. G. P. A., Chicago, Ill.

C. S. Crane,
G. P. & T. A., St. Louis, Mo.

Auction Sale

WEDNESDAY and THURSDAY,

OCTOBER 19 and 20, 1904,

Beginning at 11 a. m. each day.

Palms, Ferns, Ornamental Plants of every description

IN FINEST POSSIBLE CONDITION.

Also GREENHOUSES, SASH, BOILERS, PIPE, IMPLEMENTS, etc.

Prior to moving I will offer the above in lots to suit, on days mentioned above, rain or shine. Detailed catalogue in preparation. Will be mailed on request. Inspection Invited.

J. P. CLEARY, AUCTIONEER.

R. DREYER, WOODSIDE, L. I.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½ in., $3.00 per 100.
Violets, Marie Louise, strong field-grown plants, $4.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

ASPARAGUS SPRENGERI, Per 100
Good healthy stock, 2¼-in pots..... $2.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in..... 2.50
SMILAX PLANTS, strong bushy stock, in 2½-in. pots.....per 1000. 15.00
Boston Ferns, both 5 and 6-in., 25c and 35c each.
Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

NO AFTER EFFECTS BAD.

Hartford, Conn.

I enclose $2.00 for another 100 lbs. of the Fumigating Kind. I find it does the work to perfection and leaves no bad effects.

GEO. OSBORN.

See page 1047

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande, Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Cryptomeria Japonica

Japanese Pine.

Takes the place of the high price Araucaria Excelsa at a low price.

20 for $1; $5 per 100; $45 per 1000.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

S. A. Nutt, Mme. Landry, Alphonse Ricard, Mme. Charrotte, Mme. Canovas, Jean Viaud, Granville, (single), La Favorite, John Doyle, Double Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Glorie de France, Mme. Barney.
$2.00 per 100. Special prices on large lots.

	Per 100	1000
Alyssum, Giant Double	$2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Campanula (Canterbury Bell), double mixed	3.00	
Ficus, 4-in. pots, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Lemon Verbena	2.50	17.50
Lantanas 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Plumbago, blue and white, 3 in. pots	3.00	
Roses, Marechal Niel, 3 in. pots	5.00	
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

DAHLIA ROOTS

We are booking orders now for Fall delivery. First-class collection. List and prices sent on application. Send for trade price list. Cash with order.

R. Vincent, Jr. & Son

WHITE MARSH, MD.

Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pot, $18 per 1000;	$2.00
Sprengeri, 2¼-in. pots	2.00
Boston Ferns	5.00
Pansy Plants	$2.50 per 1000.. .60

ASPARAGUS PLUMOSUS NANUS SEED, new crop, $4.00 per 1000; 2000 seeds for $7.00.

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Your Opportunity.

SELECT STOCK AT

Bargain Prices.

Carnations—to plant after early Mums. Our plants were protected from frost. All first size bushy, healthy and full of buds that will at once give returns. 200 **Enchantress** at $7.00 per 100. The following choice varieties at $4.00 per 100; 1500 **Mrs. T. W. Lawson**, 750 **Mrs. Joost**, 500 **Avondale**, 225 **Norway**, 125 **Flora Hill**, 125 **Morning Glory**, 100 **W. Cloud**, 100 **Gov. Lowndes**, 50 **Sybil**, 50 **Mrs. Roosevelt**, 50 **Queen Louise**, 25 **Her Majesty**, 25 **Mrs. Nelson.**

Double Sweet Alyssum—Do not forget to plant some of this useful florists' flower. Strong, well branched plants from 2¼-inch pots, $2.50 per 100; $20.00 per 1000; 250 at 1000 rate.

Asparagus Sprengeri—(Field-grown). This stock is far superior to pot-grown, having extra strong roots and well set with dormant eyes which at once start into growth when housed. Try a few. Bushy plants to pot into 3's, $5 00 per 100; for 4-in. pots, $8.00 per 100; for 5-in. pots, $10 00 per 100; extra large for 6-in. and over, $12.00 per 100.

Violets—Princess of Wales, strong field clumps of this grand variety in bud and bloom $5.00 per 100. **Swanley White**, large, healthy plants from field, $4.00 per 100.

Vinca Major Variegata—We never had better plants. Unexcelled for winter decorations. Field-grown plants full of fine leads, $6.00 per 100.

Purchase your supply of Hardy Perennials before winter sets in.

We offer the best. Send for list.

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention the Review when you write

Aspidistras.

Large plants, 15 to 30 leaves in pot, 4c per leaf.

ALSO

Carnation Plants from Field:

1000 Lawson, 1000 G. Lord, 800 Joost, 600 Prosperity, $4.00 and $5.00 per 100. **In fine shape.**

THEO. E. EDWARDS,
BRIDGETON, N. J.
Mention The Review when you write.

GERANIUMS.

S. A. Nutt and La Favorite, 2½-inch pots, $1 50 per 100. Fine stock.

BOSTON FERNS.

From bench, strong runners, $2 00; 4-inch, $8 00; 5-inch, $10.00 per 100. CASH.

F. E. BONHAM, Macomb, Ill.
Mention The Review when you write.

Dracæna Indivisa

Field-Grown, Fine Shaped Plants.

Suitable for 6-inch pots .....$15.00 per 100
Suitable for 7-inch pots ..... 20.00 per 100

JOHN KUHN, 5th and Tabor Sts., **Olney, Phila., Pa**
Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.

Primula Sinensis—2¼-in., $2.00 per 100.
Cinerarias—2¼-in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4 in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1.75 per 100. **Violets**, Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.
Mention The Review when you write.

Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.	per 100,	$3.60	
Lilium Harrisii, 7-9-in.	"	8.00	
Lilium Candidum, 22 cms.	"	4.50	
Calla Æthiopica, 1⅜ to 1⅝ in.	"	6.00	
Hyacinths—Roman White, 12-15 cms	per 1000,	26.00	
Hyacinths—Single Dutch, named colors	"	26.00	
Narcissus—Paper White Grandiflora, 13 cms. and up	per 1000,	9.00	
Narcissus—Von Sion, select,	"	12.00	
Asparagus Plumosus Robustus	per 100,	4.00	
Asparagus Plumosus	"	3.00	
Asparagus Sprengeri	"	2.50	
Pteris Tremula	per 100,	$2.50	
Pteris Argyrea	"	2.50	

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes, 2½-inch pots, 6-8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8.00 per 100.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquiniæflora, grand for winter pot plants, 3-inch, $8.00 per 100. 4-in., $12.00 per 100.

Poinsettia, young fresh stock, just right for pans, 2½-in., $5.00 per 100.

Latania Borbonica—
24-in., 5 to 7 leaves, 7-in. pot...$1.00 each.
28-in., 6 to 8 leaves, 8-in. pot... 1.50 "
28 to 30-in., 7 to 9 lvs., 10-in. pot, 2.50 "

Cycas Revoluta, 8 to 10 leaves. .75 "
" " 10 to 12 " 1.00 "
" " 12 to 15 " 1.50 "

Deutzia Gracilis, for potting, 12 to 15 inch, $6.00 per 100; 15 to 18 inch, $8.00 per 100

Deutzia Lemoinei, grand for pots, 15 to 18 inch, $8.00 per 100; 18 to 24 inch, $10.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Mention The Review when you write.

FERNS.

Boston, Piersoni, Anna Foster and Scottii. The four best ferns grown. We have some special bargains to offer anybody on any of the above Ferns, Plumosus, and Sprengeri, and would like to tell you about them. If you are interested, write

GEO. A. KUHL, Pekin, Ill.

If you are shy of roses, anything in standard Teas, write us.

Mention The Review when you write.

TRIED BEFORE BUT FAILED.

CATSKILL, N. Y.

Please freight me 100 lbs. Fumigating Kind. I find it far ahead of anything I ever tried; it does the work and I am using nothing else.

HENRY HENSON.

See page 1047

PANSIES.

FINEST GIANTS, mixed, strong plants, good per cent. of Mme. Perrett, $3.00 per 1000.

CYCLAMEN GIGANTEUM SEED. Giant mixed, 200 seeds, $1.00; ⅛ packet, 50c.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

CHAS. GAY, The Rooted Cutting SPECIALIST.

READY NOW—Geraniums—S. A. Nutt, La Favorite, Jean Viaud, Perkins, Poitevine, Ricard. A. H. Trego.

Let me know what you want in Carnations, Feverfew, Fuchsias, Lantanas, Heliotropes, Marguerites, Salvias and Verbenas. Cash please.

Ingersoll Avenue Greenhouses,
DES MOINES, IOWA.

Mention The Review when you write.

Ferns - Xmas Peppers.

	Each	100
Pierson Ferns, 5-in.	$0.35	
" " 6-in.	.50	
" " 8-in.	1.50	
Selaginellas, 4-in.		$6 00
Xmas Peppers full of fruit, 6-in., doz.	2.00	
Jerusalem Cherries Dwarf, 4-in.		5.00
" " " 5-in.		10.00
" " " 6-in.		15.00
Primroses, 4 in.		6.00
Pelargoniums mixed, 3-in.		3.00
Asparagus Plumosus, 3-in		5.00

Pansies, Forget-me-nots and Bellis Perennis strong plants, per 1000, $3.00.

J. S. BLOOM, RIEGELSVILLE, PA.

Mention The Review when you write.

VIOLETS

Marie Louise, field-grown	per 100,	$5.00
" " pot-grown, 3-inch	"	3.00
Asparagus Plumosus, 2¼-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

Mention The Review when you write.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Plants from bench, ready for 4-in. pots, $4.00 per doz.; $25.00 per 100; $200.00 per 1000. Plants from bench, 5-in. pots, $5.00 per doz.; $35.00 per 100. Plants from bench, 6-in. pots, $9.00 per doz.; $60.00 per 100.

6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

GERANIUMS.

Double Gen. Grant, Mme. Landry,
Jean Viaud, Gloire de France,

$2.00 per 100, or we will send 1000, 250 each of these four varieties, for $15.00. Cash with order. Good, strong plants from 2¼-inch pots.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, extra large, well leaved, 2-in., 5c each. Cash.
Mayer & Son, Willowstreet, Pa.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum Farleyense, 2½-in. pots, strong, $15.00 per 100; 4-in., fine plants, $35.00 per 100. J. A. Peterson, Westwood, Cincinnati, O.

Adiantum cuneatum (maidenhair fern), bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ALTERNANTHERAS.

Alternantheras, red and yellow, 40c per 100, $3.50 per 1000. Will exchange for asparagus, cinerarias or primroses.
Victor H. Thomas, Box 82, Augusta, Ky.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

500 extra strong sweet allyssum, $2.00 per 100. Park Side Greenhouses, 746 E. 70th St., Chicago.

Double sweet alyssum, strong plants, 2¼-in., $2.50 100; $20.00 1000. 250 at 1000 rate.
Nathan Smith & Son, Adrian, Mich.

Double Giants, strong 2-in., 2c. R. C., 1c. Mail. Cash. Byer Floral Co., Shippensburg, Pa.

Alyssum dbl. giant, rooted cuttings, 75c 100.
J. H. Rainsbury, Bernardsville, N. J.

Alyssum, giant double, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 10c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus Sprengeri, field-grown, bushy plants, ready for 3-in., $5.00 100; for 4-in., $8.00 100; ready for 5-in., $10.00 100; extra large for 6-in. and over, $12.00 100.
Nathan Smith & Son, Adrian, Mich.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 100. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 100. Cash with order. John Brod, Niles Center, Ill.

10,000 Asparagus plumosus nanus, 2¼-in. pots, $2.00 100; $19.00 1000. 8000 Asparagus Sprengeri, 2¼-in. pots, $1.25 100; $12.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, from flats, $10.00 per 1000. From beds, ready for 3 to 4-in., $2.00 per 100; 5 to 6-in., $4.00 per 100.
J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus plants, extra value, 2½-in., $4.00 100, $35.00 1000; 3-in., $6.00 100, $55.00 1000.
Philadelphia Wholesale Flower Market, 1235 Filbert St., Philadelphia, Pa.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000; 3-in., $8.00 100; $70.00 1000. Cash.
Idlewild Greenhouses, 337 Main St., Memphis, Tenn.

Asparagus plumosus nanus, 2½-in., $2.50 per 100; $22.50 per 1000.
Fine stock—sure to please.
JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, extra large, bushy plants, from 3-inch pots, $5.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $18.00 1000. Cash.
Jos H. Cunningham, Delaware, O.

Field-grown Asparagus Sprengeri, 3-in. pots, $5.00; 4-in., $7.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, extra strong and bushy, 2¼-in., $2.50 per 100.
Williams Floral Co., Bedford, Ind.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 2-in., $2.50 per 100. White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. Scharff Bros., Van Wert, O.

Asparagus Sprengeri, strong 4-in., $4.00 per 100. Van Aken Bros., Coldwater, Mich.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus, 3-in., strong, $6.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
A. Mirring, East St. Louis, Ill.

Asparagus Sprengeri, 4-in., strong, $6.00 100.
Butz Bros., New Castle, Pa.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, fine plants, $5.00 100.
N. H. Sherwood, Southport, Conn.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus, 2-in., $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, 3-in., $5.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus Sprengeri from 2c to 6c.
W. W. Coles, Kokomo, Ind.

ASPIDISTRAS.

Aspidistras, large plants in pots, 15 to 30 leaves, 4c per leaf.
Theo. E. Edwards, Bridgeton, N. J.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

BEGONIAS.

BEGONIA GLOIRE DE LORRAINE. Per Doz.

5-inch pots, very strong stuff	$ 6.00
6-inch pots, extra heavy plants	9.00
7-inch pots, specimens	12.00
8-inch pots, specimens	18.00

4-inch pots, only a few hundred left, $30.00 per 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias, 10 unnamed varieties in 4 and 5-in. pots, fine bushy plants in bloom that retail at 25c; $10.00 100. Cash.
G. W. Renard & Bro., Avondale, Pa.

Begonias metallica and Pres. Carnot, 2½-in. pots, $3.00 per 100; $25.00 per 1000.
C. M. Niuffer, Springfield, Ohio.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias manicata, 2-in., $2.00 per 100. B. Rex, 2-in., $2.00 per 100.
E. B. Randolph, Delavan, Ill.

Rex begonias, 2¼-in., $3.00 per 100.
W. H. Parsil, Summit, N. J.

BERRIED PLANTS.

Jerusalem cherries, dwarf, large berried, strong, bushy, 4-in., 25 to 50 berries; strong 5-in., specimen plants, 50 to 100 berries to plant, $8.00 and $15.00 per 100; 6-in., $3.00 per doz. Cash.
Wm. S. Herzog, Morris Plains, N.J.

Christmas peppers, strong 4-in., ready for shift, full of flowers and berries, 75c to $1.00 per doz. Will exchange for red honeysuckles or peony roots.
W. P. Ranson, Junction City, Kan.

Christmas peppers, full of fruit, 6-in., $2.00 doz. Jerusalem cherries, 4-in., $5.00 100; 5-in., $10.00 100; 6-in., $15.00 100.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, 3-inch, 50c per doz., $3.00 per 100. Xmas (celestial) peppers, 75c per doz., $5.00 per 100.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

	100	1000
NARCISSUS paper white grandifl., 13 cms. up, 1400 to case, $12.00	$1.00	$8.50
Von Sion mammoth dbl. nose	2.00	19.00
" " very large select	1.50	13.00
" " good flowering, strong	1.25	10.00
Bicolor grande, 25c doz	1.75	15.00
HYACINTHS, white Roman—		
11x13 cms	2.50	22.00
12x15 cms	2.75	25.00
Dutch finest named, 1st size	6.50	60.00
" " " 2d "	5.00	45.00
" fancy grade, 17 cms	3.50	33.00
" 15 cms., sep. colors	2.75	25.00
CALLA Ethiopica, 3x5 inch	3.00	25.00
" " 4x6 "	5.00	45.00
" " 5x7 "	7.50	70.00
GLADIOLI Colvillei alba (The Bride), pure white	.70	6.00
Rosy red	.65	5.50
FREESIA refracta alba—		
⅜-½ 5000	$12.50	.30	2.75
½-¾ 5000	$20.00	.60	4.50
OXALIS grande Duchesse—		
5,000, $25.00		.75	6.00
HARRISII LILIES, Semper Idem—		
5x7, 400 to case, $10.00		3.00	
6x7, 300 to case, 10.00		4.00	
7x9, 200 to case, 12.00		6.50	
CHINESE SACRED LILY—			
Basket 30 bulbs, $1.50; mat of 4 baskets, 120 bulbs, $4.50.			
LILIUM LONGIFLORUM, 7-9 inch		4.00	35.00

TULIPS. All sorts. Send for list.
20 at 100 rate; 200 at 1000 rate.
H. H. Berger & Co., 47 Barclay St., N. Y.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Selected single Dutch hyacinths, 60 named varieties for pot forcing or bedding, 65c doz.; $4.00 100; $37.00 1000. Single or double, separate colors, 15 cms. and over, 40c doz.; $2.75 100; $25.00 1000.
Tulips, single mixed, 15c doz.; 75c 100; $6.50 1000. Double mixed, 15c doz.; 90c 100; $7.50 1000.
Johnson & Stokes, 217-219 Market St., Phila.

I have from 6,000 to 10,000 Lilium canadensis, good bulbs, which I am offering for $3.00 per 100; $20.00 per 1000. Lilium philadelphicum, $3.00 per 100; $20.00 per 1000.
L. E. Williams, Nottingham, N. H.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Lilium Harrisii, 5x7 in., $3.60 100; 7x9 in., 8.00 100. L. candidum, 22 cms., $4.50 100. Calla Ethiopica, 1⅜ to 1⅝ in., $6.00 100. Hyacinths, Roman white, 12 to 15 cms., $26.00 1000; single Dutch, $20.00 1000. Narcissus, Paper White, grand., 13 cms. and up $9.00 1000; Von Sion, $12.00 1000.
Storrs & Harrison Co., Painesville, Ohio.

Roman hyacinths, 12x15, $24.00 1000. Dutch hyacinths, mammoth, $65.00 1000; No. 2, $35.00 1000. Narcissus Von Sion, dbl. nose, $18.00 1000; single mammoth, $15.00 1000. Freesia refracta alba, mammoth, $7.50 1000. Write for prices on tulips, azaleas, rhododendrons, roses, spiraeas, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong. A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

Tuberous begonias. Our Gold Medal strain. Ready for shipment about Nov. 25. Write for prices and circular.
N. Le Page, U. S. representative of Hubert & Co., Guernsey, England, Mt. Vernon, N. Y.

SURPLUS BULBS. If you can use any of the varieties listed in our surplus offer (see display adv.), write us at once and we'll give you a bargain.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Our wholesale price list of high-class bulbs for florists is now ready. If you have not received a copy, kindly advise us.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Dutch and Roman hyacinths, tulips, narcissi, callas, freesia, Harrisii and longiflorum lilies. Write for prices.
W. C. Beckert, Allegheny, Pa.

Lilium Harrisii or longiflorum bulbs, Bermuda grown; 7 to 9 in., 200 in case, $10.00; regular price $16.00.
W. W. Rawson & Co., Boston, Mass.

Lilium Harrisii, 5-7 in., $4.00 100; $36.00 1000; 7-9 in., $8.00 100; $78.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Harrisii bulbs, 5 to 7, 400 in case, $6.00. Cash.
W. Elliott & Sons, Auction Dep't, New York.

CANNAS.

CHOICE NEW CANNAS. EXPRESS, the sensation at St. Louis, 5c each; only a few, speak quickly. VICTORY, another "shiner" there; very few, 8c. BUTTERCUP, best yellow, 3c. DUKE OF YORK, rare beauty; enormous, stiff carmine flower, edged yellow, 3c. DAVID HARUM, 2c. A small surplus, cheap to first callers. OTTO NORRIS, Winona Lake, Ind.

CARNATIONS.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Chicago	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Fair Maid	6.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Variegated.		Cash, please, or ref-	
Bradt	6.00	erence.	
Prosperity	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or.
John Murchie, Sharon, Pa.

Field-grown carnation plants.

White.	100	1000	Pink.	100	1000
Bride	$10.00	..	Dean	$5.00	$40
Q. Louise	6.00	$50	Melba	5.00	40
F. Hill	5.00	45	Joost	5.00	40
McGowan	4.00	35	Scott	4.00	..
Pink			Miscellaneous.		
Fair Maid	6.00	..	Portia	4.00	..
McKinley	6.00	..	Prosperity	6.00	50
Alpine Glow	6.00	..	Bradt	6.00	..
M. Glory	5.00	..			

We guarantee all of the above stock to be in first-class condition.
The Leo Niessen Co., Philadelphia, Pa.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Estelle	3.50	30
Mrs. Ine	3.50	30	Q. Louise	3.50	30
F. Hill	3.50	30	Harlowarden	4.50	40
Peru	3.50	30			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Carnations, fine, healthy, field-grown, New Daybreak, $12.00 100; $100.00 1000. Reliance, $12.00 100. Lord, extra size, $8.00; 1st size, $6.00 100; $50.00 1000. Enchantress, 2d size, G. Lowndes, $6.00 100; $50.00 1000. Norway, $6.00. Prosperity, 2d size, $5.00. Enquirer, extra size, Harlowarden, 2d size, McKinley, extra size, Fragrance, extra size, Adonis, 2d size, $6.00 100. L. Pond, Mrs. Roosevelt, $5.00 100. Wolcott, small, healthy plants, $4.00 100. Sybil, $5.00 100; $40.00 1000.
H. Weber & Sons, Oakland, Md.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$5.00	Marquis	$4.00
Estelle	5.00	Lorna	4.00
Alba	5.00	Glacier	4.00
Lawson	5.00	Mermaid	4.00
Q. Louise	4.00	America	4.00
Manley	4.00	Joost	4.00
Lord	4.00	Red Wave	4.00
Enchantress	6.00	Gomez	4.00

Cheap for cash.
Chas. T. Siebert, Sta. B, Pittsburg, Pa.

20,000 carnations, field-grown; our stock is very fine, large, clean and healthy. Per 100:

Morning Glory	$5	Flora Hill	$5
Apollo, red	6	Mrs. P. Palmer	6
Murphy's White	5	Glacier	6
Lillian Pond	6	Roosevelt	5
Queen Louise	6	America	5
F. Joost	5		

Evenden Bros., Williamsport, Pa.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	W. Cloud	$5.00	
Prosperity	5.00	45	M. Wood	4.50	$40
Palmer	5.00	45	Higinbotham	4.50	40
F. Hill	4.50		Lawson	6.00	
Joost	4.50	40			

Poehlmann Bros. Co., Morton Grove, Ill.

Our carnations were protected from frost. All first size, bushy and full of buds that will at once give returns. 200 Enchantress, $7.00 100. 1500 Lawson, 750 Joost, 500 Avondale, 225 Norway, 125 Hill, 125 Morning Glory, 100 White Cloud, 100 Lowndes, 50 Sybil, 50 Mrs. Roosevelt, 50 Q. Louise, 25 Majesty, 25 Mrs. Nelson, $4.00 100.
Nathan Smith & Son, Adrian, Mich.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Extra select field-grown carnations, large, healthy plants. Good as money will buy. To close out at the following prices:

Prosperity	Per 100	$6.00	Per 1000	$55.00
Mrs. Joost	"	5.00	"	45.00
John Young	"	5.00	"	45.00
Dana	"	4.00	"	35.00
Mrs. Fisher	"	4.00	"	35.00

Newton Floral Co., Inc., Norfolk, Va.

Carnations, field-grown, fine healthy stock, no stem-rot. Lawson, W. Cloud, Nelson, Prosperity, Glacier, Norway, Adonis, Fair Maid, Floriana, Dorothy, Elma, Gaiety, Bradt, Manley, H. Fenn, McKinley, B. Market, Wolcott, $5.00 100; $45.00 1000. Crane, Gomez, Maceo, $4.50 100; $40.00 1000. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Last call for carnations. F. Hill, M. Glory, Lillian Pond, Prosperity, Daybreak (Perfection), Marquis, Gomez, America, $3.50 per 100; $30.00 per 1000. The above and 10 other varieties mixed, $2.50 per 100; $20.00 per 1000.
W. H. Watson, Lapeer, Mich.

We have 2000 Wm. Scott, 2000 Lizzie McGowan and about 2000 Bondy, Portia, Mrs. Joost, Elbon, etc. Good field-grown carnation plants. As we wish to clean ground off, will take $25.00 per 1000. Cash must accompany order.
J. H. A. Hutchison, Oxford, Pa.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Marquis	$3	$25.00	Glacier	$3	$25.00
M. Glory	3		Peru	3	
White D'break	3		Lawson	3	

Blanksma Bros., R. F. D. 11, Grand Rapids, Mich.

A1 carnations, 10,000 plants, no disease.

	Per 100		Per 100
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

50,000 extra fine, clean, field-grown carnation plants. While they last they will be shipped at the following low prices:

	100	1000		100	1000
Lawson	$4	$35.00	G. Angel	$3	$25.00
Higinbotham	4	35.00	Hill	3	25.00
Q. Louise	4	35.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Choice field-grown carnations. We find Joost the most profitable pink. Our stock is excellent.

	100	1000		100	1000
Wolcott	$5.00	$45	Palmer	$4.00	$35
Joost	4.00	35	Glacier	4.00	35
McKinley	3.00	25			

A. C. Canfield, Springfield, Ill.

2000 Freedom, large white, $4.00 per 100, $33.00 per 1000; 1500 Joost, $4.00 per 100, $35.00 per 1000. Express paid any distance less than 500 miles. 200 Morning Glory, 200 Crimson King, 150 Queen Louise, 50 Mondell, 50 Estelle, $5.00 per 100, 300 for $4.00 per 100.
C. E. Allen, Brattleboro, Vt.

100,000 carnation rooted cuttings, now ready, $1.00 per 100; $10.00 per 1000. Lawson, Joost, Q. Louise, Wolcott, Crane, Estelle, Prosperity, G. Beauty, Harlowarden, Norway, White Cloud, F. Hill, Lord, Viola Allen. Cash or C. O. D. Express prepaid.
California Carnation Co., Loomis, Cal.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You'll not regret it.
W. E. Hall, Clyde, O.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Field-grown carnation plants. 2000 Flora Hill and 1000 Maceo left, which we will guarantee and will pay express on 1000 plants at $3.00 per 100 or $25.00 per 1000 or will exchange for Boston ferns or Asparagus plumosus.
Arlin & Arlin, Clyde, Ohio.

Fine large and healthy field-grown plants, extra good, $5.00 per 100, $45.00 per 1000. 1000 Scott, 500 Marquis (if sold alone, $6.00 per 100), 500 F. Hill, 500 Glacier, 600 Crane, 500 M. Glory. Cash.
J. C. Rennison, Sioux City, Iowa.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Strong, healthy, field-grown carnation plants.
Enchantress ....$8.00 per 100; $70.00 per 1000
Fair Maid .... 6.00 per 100; 50.00 per 1000
Queen .... 6.00 per 100.
Mrs. Lawson .... 6.00 per 100.
L. E. Small, Tewksbury, Mass.

Carnations. Healthy field-grown plants.

	100	1000
Flora Hill, extra fine	$4.00	$36.00
Cartledge, best prolific red	3.00	26.00
America	3.00	26.00

Dinstel Bros., No. 62nd Ave., Chicago.

Fine, strong and healthy field-grown carnation plants. Lawson, Guardian Angel, Nelson, Flora Hill, Queen Louise, White Cloud, America Elma, Cal. Gold, Gomez, Brilliantissima. $5.00 100; $40.00 1000. 500 at 1000 rate.
Lamprecht Bros., Ashland, O.

Carnation plants. Ethel Crocker, large, 1st size, $4.50 per 100; $40.00 per 1000. Eldorado, large, 1st size, $4.50 per 100; $40.00 per 1000. Mrs. Joost, 2d size, short and bushy, $8.00 per 1000.
Lakeview Rose Gardens, Jamestown, N. Y.

3000 Melba, in the open, $25.00 1000. Also 3000 of other varieties at same price. These plants are all in excellent condition. Must be sold within 10 days.
W. B. Hoyt, Fishkill Village, N. Y.

Fine field-grown carnation plants, Flora Hill, Queen Louise, Eldorado, $5.00 100. Cash.
N. H. Sherwood, Southport, Conn.

Carnations. 1500 Joost, 1000 Crocker, cheap to close out.
Richard Coombs, West Hartford, Conn.

CARNATIONS—Continued.

FIELD-GROWN CARNATION PLANTS.
3000 Flora Hill....$5.00 per 100; $40.00 per 1000
1000 Mrs. Joost.... 5.00 per 100; 40.00 per 1000
1000 Wm. Scott... 4.00 per 100; 35.00 per 1000
N. L. Wilson, Oxford, Pa.

10,000 field-grown carnations, clean and stocky. Queen Louise, F. Hill, Marquis, Uncle Walter, Peachblow, $5.00 100; $45.00 1000. Lawson, Wolcott, Roosevelt, $6.00 100; $55.00 1000. Butz Bros., New Castle, Pa.

Carnations. First size Hill, Joost, Daybreak, $4.00 100. Medium size Lawson, America, Prosperity, Hill, Joost, Q. Louise, Norway, Lord, Marquis, Crane, Crocker, M. Glory, $2.50 100. A. A. Gannett, Geneva, N. Y.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $6.00 per 100; $50.00 per 1000. 1000 Gov. Wolcott, $4.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations. Field-grown plants, ready now. 10,000 Norway, 5000 Flora Hill, 10,000 G. Lord, $2.50 per 100; $20.00 per 1000. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Carnations, surplus stock, fine, healthy plants, Joost, Marquis, White Cloud, Guardian Angel and a few others, at $4.00 per 100. Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

Fine, healthy field-grown carnation plants, cheap for cash. 3000 Flora Hill, 1000 Norway, 1000 Maceo, $3.00 per 100; $25.00 per 1000. Satisfaction guaranteed.
C. E. Critchell, 36 East 3rd St., Cincinnati, O.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Field-grown carnation plants. Fine lot of Joost, slightly mixed with Scott, 3c; 125 Prosperity, 4c; 50 Gomez, 3c; Scott, 3c. Cash with order. H. M. Woundy, New Canaan, Conn.

Field-grown carnations. Extra strong, healthy plants. B. Market, Fair Maid, $6.00 100; $50.00 1000. Harlowarden, $5.00 100; $40.00 1000.
Backer & Co., Billerica, Mass.

Scott, Fisher and 2nd Joost, $3.00 per 100, very large plants of Scott. 50 L. Pond, 4c. Will exchange for geranium cuttings.
W. H. Vance, Wilmington, Del.

Carnations. 200 good, strong E. A. Nelson, $4.00 100; 100 Morning Glory, $3.00 100; 200 T. W. Lawson, 2nd size, $3.00 100.
Harry White, North Manchester, Ind.

The best commercial scarlet carnation, CRISIS. $2.00 doz.; $12.00 100; $100.00 1000. $95.00 per 1000 in 5000 lots.
Davis Bros. Co., Bloomsburg, Pa.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
N. O. Caswell, Delavan, Ill.

Fine, healthy, field-grown carnations. 2000 Mrs. Joost, $30.00 1000, $4.00 100. 500 Queen Louise, $4.00 100. Cash.
T. Kraft, 135 Johnson Ave., Newark, N. J.

Carnations Joost, Hill, Daybreak, Eldorado, No. 1 plants, $4.00 100; $40.00 1000. Also several other varieties.
Smith & Gannett, Geneva, N. Y.

Carnations from field, in fine shape. 1000 Lawson, 1000 Lord, 800 Joost, 600 Prosperity, $4.00 and $5.00 100.
Theo. E. Edwards, Bridgeton, N. J.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Field-grown carnations, extra strong, no stem-rot. 3000 Flora Hill, $3.50 100. 500 Prosperity, $4.00 100. Cash.
F. P. Caird, 271 River St., Troy, N. Y.

Field-grown carnation plants. 6000 Lawson, 1000 M. Glory, 1000 Wolcott, 1000 W. Cloud at $40.00 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Carnation plants, first-class stock.
1000 Norway .....$4.00 per 100
2000 Mrs. Ine..... 4.00 per 100
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

Stock all sold except Boston Market. 1000 fine plants, $4.00 per 100. Speak quick. Cash.
Chas. H. Green, Spencer, Mass.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

1000 Norway, $30.00; 50 Hill, 65 Apollo and 500 Lawson, 3c each; 200 Crane, 2½c each.
Kring Bros., Fairbury, Ill.

Carnations Lawson, Louise, Cloud, Prosperity, Floriana, 5c; Estelle, 6c; Crocker, 3c.
W. W. Coles, Kokomo, Ind.

Carnations. 300 Lawson, 100 Crane, 100 Marquis, 100 Prosperity, first-class plants.
Crown Point Floral Co., Crown Point, Ind.

Strong, bushy plants, Wolcott, $4.00 per 100; Lord, $3.00 per 100. Cash.
Chas. Wiffin, Des Plaines, Ill.

5,000 extra fine Joost carnations, field-grown, $4.00 100; $35.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Field-grown carnations. Queen Louise, $4.50 100. Lawson, $5.00 100.
Scharff Bros., Van Wert, Ohio.

Carnations. 1000 Fair Maid and 500 Gov. Wolcott, $5.00 per 100.
A. Batley & Son, Maynard, Mass.

Carnations. 100 G. Lord at $4.00 100; 200 E. Crocker at $4.00 100.
A. R. Knowles, Bloomington, Ill.

I have left about 4000 Estelle and 200 Prosperity at 5c each.
D. R. Herron, Olean, N. Y.

800 Prosperity carnations, strong field-grown, $3.00 100. Cash.
W. T. Buckley Plant Co., Springfield, Ill.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

MONROVIA STOCK PLANTS.
Fine, true stock of the earliest and best yellow in the market; blooms cut Sept. 23rd fetching $4.00 per doz., wholesale, in Chicago. Price: 10c each, $1.00 per doz., $8.00 per 100. Also Omega, white and pink Pacific and Robt. Halliday at same price. Ready now.
Gunnar Tellmann, Marion, Ind.

Chrysanthemum stock plants. Alice Byron, Lady Harriett, Robt. Halliday, Monrovia, Mrs. Coombes, Fitzwygram, white and yellow, $1.00 per doz., $8.00 per 100.
F. C. Loeffler, Watertown, Wis.

Chrysanthemums. Stock plants of Willowbrook, best early white, strong and clean, $5.00 per 100, 75c per doz. Cash, please, or C. O. D.
A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemum stock plants. Opah, white, cut Sept. 30; Monrovia, Omega, Mrs. Coombes, 10c each, $1.00 doz.
W. Wyman, Swampscott, Mass.

Hardy pompon chrysanthemums, small-flowering or button variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Lady Fitzwygram chrysanthemum stock plants now ready. Write for prices.
W. F. Dunteman, Bensenville, Ill.

Chrysanthemum Clementine Touset, 50c each, $5.00 doz., $35.00 100.
The E. G. Hill Co., Richmond, Ind.

2½-in. mums, $18.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

CINERARIAS.

Cinerarias, prize, dwarf, 3-in., $3.00 100. Cash. Satisfaction guaranteed.
Ray H. Palmer, Randolph, N. Y.

Cinerarias, dwarf, 2-in., $2.00 per 100. Cash
J. W. Miller, R. D. 6, Carlisle, Pa.

Cinerarias, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

CLEMATIS.

Clematis, finest purple, white, lavender, pink, named, 2-yr., 18c; 1-yr., 9c; extra 3-yr., 30c. C. paniculata, 2-yr., strong, 8c.
W. H. Salter, Rochester, N. Y.

Clematis, strong, white, $6.00 100. Cash.
W. G. Eisele, West End, N. J.

COLEUS.

Coleus. Large rooted cuttings of Verschaffeltii, Golden Bedder and other choice varieties, $4.00 per 1000 by express; 50c per 100 by mail, postage paid. Contracts taken for winter or spring shipments. Cash with order.
Atlantic Coast Nurseries, Office 606, 4th Ave., Asbury Park, N. J.

CRYPTOMERIAS.

Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000.
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CYCAS.

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Iris, finest Japanese and German, 10c.
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3-in.	4 to 5	12 to 15 inches	$2.00	$15.00
4-in.	5 to 6	15 to 18 inches	4.50	35.00
5-in.	6 to 7	18 to 20 inches	6.00	50.00
5-in.	6 to 7	20 inches	9.00	70.00
			Each.	12
6-in	6	20 to 24 inches	$1.00	$12.00
6-in.	6 to 7	28 to 30 inches	1.25	15.00
6-in.	6 to 7	30 to 36 inches	1.50	18.00
8-in.	6 to 7	34 to 36 inches	2.50	30.00

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Pot.	Leaves.	High	Each.	12
6-in	5 to 6	28 to 30 inches	$1.00	$12.00
6-in	6	30 to 32 inches	1.25	15.00
6-in.	6	32 to 36 inches	1.50	18.00

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7-in.	4 plants	32 inches	$2.00
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10-in.	4 plants	48 to 54 inches	5.00
10-in.	4 plants	60 inches	6.50

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Small palms for center plants for dishes, 2½-in. pots, 6 to 8 in. high. Areca lutescens, $8.00 100. Kentia Belmoreana, $8.00 100. Latania borbonica, 24-in., 5 to 7 leaves, 7-in. pot, $1.00 each; 28-in., 6 to 8 leaves, 8-in. pot, $1.50 each; 28 to 30-in., 7 to 9 leaves, 10-in. pot, $2.50 each.
Storrs & Harrison Co., Painesville, Ohio.

Pandanus Veitchii.

Pots.	Above Pots.	
6-in.,	15 to 18 inches	$12.00 doz.
7-in.,	20 to 22 inches	18.00 doz.
8-in.,	24 to 28 inches	2.50 each
12-in.,	pedestal grown	6.00 each

J. Welsh Young, Germantown, Phila., Pa.

Pandanus Veitchii, 12 inches high, 75c each; 18 to 20 inches high, 90c each; 24 inches high, $1.25 each; 25 to 28 inches high, $2.00 each.
All of this stock are finely colored and shapely plants.
J. A. Peterson, Westwood, Cincinnati, O.

Kentia Belmoreana, 6 to 12 inches tall, 2½-in. pots, $6.00 per 100.
Kentia Forsteriana, 4 to 6-in., from flats, $3.00 per 100.
JACKSON & PERKINS CO., Newark, New York.

Kentia Belmoreana, strong plants from 3-in. pots, $10.00 per 100. Satisfaction guaranteed. Cash with order.
C. H. Kunzman, 3710 High Ave., Louisville, Ky.

Latania borbonica palms, fine, large plants, 12-in. tubs, price $2.00 each.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Palms. Dracaena terminalis, and other decorative plants. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Sago palms, 4 to 6 leaves, $3.00 doz. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Kentia palms, Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

500,000 pansy plants grown from my own seed; fine, stocky field-grown, seed-bed plants, sown thinly.
MY GIANT MARKET
are grown from seed selected from the finest varieties, $2.50 per 1000; $10.00 per 5000. By mail postpaid, 50c per 100.
GIANT STRAIN,
$2.00 per 1000; $8.00 per 5000. By mail postpaid, 40c per 100. Cash with order.
E. A. Blinn, Cromwell, Conn.

Over 200,000 Brown's extra select superb GIANT prize pansy plants, ready for shipment. By mail, 75c per 100; by express, $3.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

International pansy plants and all the best mixtures and named sorts, including the mammoth size, $2.50 per 1000. Cash with order.
Aurora Nurseries, Aurora, Ill.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000, 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansies, nice plants, in red, white, blue, black, yellow and purple, separate colors; also mixed kinds, $4.00 per 1000; by mail, 50c per 100. F. A. Baller, Bloomington, Ill.

Pansy plants, strong outdoor grown; high class mixture, 50c per 100 by mail; $3.00 per 1000 by express.
R. Kilbourn, Clinton, N. Y.

Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000. J. H. Rainsbury, Bernardsville, N. J.

Pansies. Mme. Perrett and from our own famous strains, 50c per 100; $3.00 per 1000. 2000 per $5.00. J. C. Schmidt Co., Bristol, Pa.

Snow's Sunbeam pansies, in bud and bloom, 75c per 100 postpaid; $3.00 per 1000 by express.
Harvey B. Snow, Camden, New York.

Giant pansy plants from fine seed, 50c per 100, prepaid; $2.25 per 1000; 5000 for $10.00. Cash. Byer Floral Co., Shippensburg, Pa.

Pansies, finest giants, mixed, strong plants, good per cent of Mme. Perrett, $3.00 1000.
John F. Rupp, Shiremanstown, Pa.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

Extra fine strain, stocky pansy plants, $3.00 1000; $25.00 10,000, cash with order.
J. Condon, 734 5th Ave., Brooklyn, N. Y.

Giant Trimardeau pansy plants, extra fine mixed, $4.00 1000. Cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Pansy plants, an extra strain, 60c 100; $4.00 1000. Cash.
O. H. House, Babylon, L. I., N. Y.

Finest giants mixed, large plants, $3.00 per 1000. W. H. Parsil, Summit, N. J.

Pansies, good strong plants, $3.00 per 1000.
George Rentschler, Madison, Wis.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansies, strong plants, $3.00 per 1000.
J. S. Bloom, Riegelsville, Pa.

PELARGONIUMS.

Pelargonium rooted cuttings, 10 best varieties, labeled, $2.25 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Pelargoniums, mixed, 3-in., $3.00 100.
J. S. Bloom, Riegelsville, Pa.

PEONIES.

100 peonies consisting of 25 extra fine white, 25 Miranda; 25 Rosea fragrans, fine clumps; 25 Louise Van Houtte, extra red. The lot of 100 just as dug from the rows where they bloomed this year and last for $18.00, cash.
J. W. Myer, Rosedale, Ind.

Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100, $75.00 1000. 500 at 1000 rate.
F. A. Baller, Bloomington, Ill.

Peony roots, large clumps, 7 years old, best varieties; single, to force in pots for Xmas.
Chicago Carnation Co., Joliet, Ill.

Ne Plus Ultra, fine for market purposes. 5,000 strong at 10c each. Send for list of others.
Edward Swayne, Westchester, Pa.

Peonies, 400 kinds, some of the finest. Send 30 cents for complete Peony Manual.
C. S. Harrison, York, Neb.

Fine collection of peonies including Festiva maxima. For prices write
Gilbert H. Wild, Sarcoxie, Mo.

300 peonies, mostly pink, to exchange for ferns and Sprengeri. Geo. Engel, Xenia, Ohio.

Peonies, best varieties, 12c.
W. H. Salter, Rochester, N. Y.

PLUMBAGOS.

Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

POINSETTIAS.

Poinsettias, strong 3-in. pot plants, just right for pans, fern dishes and jardinieres, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 3-in. pots, $6.00; 4-in. pots, $10.00; 6-in. pots, $20.00.
Chas. Long, 1820 Buckius St., Sta. F, Phila.

Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
John Ziegenthaler, 1865 Buckius St., Phila.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

Poinsettias, 2½-in., $5.00 100.
Storrs & Harrison Co., Painesville, Ohio.

PRIMULAS.

Chinese primroses, 3 and 4-in., will bloom soon, and obconica primroses, 3 and 4-in., mostly in bud and bloom, 3c each.
J. W. Myer, Rosedale, Ind.

Primula Chinese grandiflora fimbriata, prize strain, and obconica grandiflora, a superior strain of large, fringed flowers, all in choicest colors mixed. Chinese, strong 4-inch, $8.00; obconica, $6.00 per 100, equal to 5-inch; extra strong 5-inch in bud and flower, $2.00 per doz. All first-class stock. Cash.
Wm. S. Herzog, Morris Plains, N. J.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula obconica, 3-inch pots, $2.50 per 100; 2-inch, $2.00 per 100. Will exchange for ferns and Sprengeri. Geo. Engel, Xenia, Ohio.

Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Chinese primroses for Christmas blooming, 3-inch pots, strong, $3.00 per 100. Cash.
C. F. Krzysske, Sandusky, Ohio.

Primula chinensis for Xmas blooming, Rupp's best strain. 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula Forbesii, nice stock, 2-in., $1.75 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Primula chinensis, 3-in., $3.00 100; 4-in., $6.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primula chinensis, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

Primroses, 4-in., $6.00 100.
J. S. Bloom, Riegelsville, Pa.

PRIVET.

CALIFORNIA PRIVET.
Choice plants, well branched and stocky.

		100	1000
3 year, 3 to 4	feet	$3.00	$28.00
3 year, 2 to 3	feet	2.40	22.00
2 year, 3 to 3½	feet	2.50	23.00
2 year, 2 to 3	feet	2.25	20.00
2 year, 1 to 2	feet	1.75	14.00

Packing free. Cash with order.
Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

Eisele's privet, cut back, heavy, 2½ to 3½ ft., $30.00 1000. 2-yr., 2 to 2½ ft., strong, $20.00 1000. 1-yr., 12 to 18 in., $12.00 1000. Cash. W. G. Eisele, West End, N. J.

500,000 plants of privet, all sizes up to 4½ feet. Write for prices.
James McColgan, Red Bank, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

California privet, extra strong, 4c.
W. H. Salter, Rochester, N. Y.

ROSES.

Orders booked now for strong field rose bushes; will begin digging in about two weeks.
Maman Cochet $6.00 100; $50.00 1000
White Maman Cochet.... 7.00 100; 60.00 1000
Kaiserin 10.00 100; 80.00 1000
Cash with order.
C. Akehurst & Son, White Marsh, Md.

Roses, fine 2-yr., field-grown Gen. Jacq. and other best H. P.'s. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX, 20c.
W. H. Salter, Rochester, N. Y.

We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Crimson Ramblers, extra fine field-grown, 1-year, 2 to 3 ft., $8.00 per 100. D. Perkins, 3 to 4 ft., $10.00 per 100.
Tyler Bros., Du Bois, Pa.

Tea roses, nice 4-in., for benching, $1.00 per doz., or will exchange for red honeysuckles or peony roots.
W. P. Ranson, Junction City, Kan.

Hardy perpetual standard and dwarf roses. Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Roses, Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Roses. Gates, Ivory and Brides, 2c.
W. W. Coles, Kokomo, Ind.

10,000 Crimson Rambler roses from 2½-in. pots, $3.50 per 100. Large, field-grown plants, $15.00 per 100. Aurora Nurseries, Aurora, Ill.

5000 strong 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

3½-in. Brides and Gates, excellent stock, $30.00 1000; 2½-in. Maids, $20.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Crimson Rambler roses, 1-yr.-old, $6.00 100. Send for sample.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

Brides, Maids, Perles, Gates, Ivory, strong 3-in., $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

ROSE STOCKS.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 4-in. pots, 25c; 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
G. Aschmann, 1012 Ontario St., Phila.

Ten large bushy rubber plants for sale, suitable for stock; cheap.
C. L. Reese, 772 So. Limestone St., Springfield, O.

Rubbers, top layers, 12 to 15-in., $3.00 doz.; 15 to 18-in., $4.00; 18 to 24-in., $5.00.
Joseph Heinl & Sons, Jacksonville, Ill.

Rubbers, 4-in., 25c; 5-in., 35c; top stock, strong. Cash. Byer Bros., Chambersburg, Pa.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Ficus, 4-in. pots, 12 to 15 in. high, $2.00 doz.
R. Vincent, Jr. & Son, White Marsh, Md.

Ficus, 6-in., $40.00 100; 4-in., $22.50.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

SALVIAS.

Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
The E. G. Hill Co., Richmond, Ind.

SEEDLINGS.

5000 Delphinium formosum and 5000 Lychnis chalcedonica seedlings, good strong plants, $1.00 per 100. Cash, please.
Geo. Engel, Xenia, O.

SEEDS.

SMILAX (new crop), 10c trade pkt.; 30c per oz.; $1.00 per ¼ lb.; $3.00 per lb. CINERARIA, PRIZE DWARF, mixed, 60c half trade pkt.; $1.00 whole trade pkt. Medium Tall, 60c half trade pkt.; $1.00 whole trade pkt. ASPARAGUS PLUMOSUS NANUS, 90c 100, $7.00 1000. ASPARAGUS SPRENGERI, 15c 100, $1.00 1000. CYCLAMEN GIGANTEUM, Michell's Fancy strain, white, pink, red, white with eye, $1.00 100; $9.00 1000. Mixed colors, 90c 100, $8.00 1000.
H. F. Michell Co., 1018 Market St., Phila.

Asparagus Sprengeri, fresh, 15c 100, $1.00 1000, $4.00 5000. Cyclamen per. gig., sep. colors, 75c 100, $6.00 1000. Berger's Never Fail pansy, finest mixture, 25c 1000, $1.00 5000. Pandanus utilis, $1.00 100, $8.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Rocky Mountain tree seeds. Picea pungens, P. Engelmanni, Abies Douglasii, Pinus ponderosa, silver cedar, concolor, Juniperus monsperma. Write for prices.
Barteldes & Co., 1521 15th St., Denver, Colo.

FRESH SEEDS. Areca lutescens, $3.00 1000. Kentia Forsteriana, $3.50 1000; Kentia Belmoreana, $4.00 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

New crop Shasta daisy seed, trade pkt., 25c; 1 oz., $5.00; 1 lb., $50.00. Prepaid. Cash, or C. O. D. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.00 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Kentia Belmoreana seed, 50c for 100; $1.75 for 500; $3.25 for 1000; $6.00 for 2000.
The Livingston Seed Co., Columbus, Ohio.

Long Island cabbage seed and American cauliflower; also other special seed stocks.
Francis Brill, Hempstead, L. I., N. Y.

Turnip, parsnip, beet and onion seeds; also sweet corn. Write for prices.
Everett B. Clark Co., Milford, Conn.

Asparagus plumosus nanus seed, new crop, $4.00 1000; 2000 for $7.00.
Jos. H. Cunningham, Delaware, Ohio.

Cyclamen giganteum seed, mixed, 200 seeds, $1.00; one-half pkt., 50c.
John F. Rupp, Shiremanstown, Pa.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Rawson's Arlington tested seeds for florists. Catalogue free.
W. W. RAWSON & CO., Boston, Mass.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SELAGINELLAS.

Selaginellas, 4-in., $6.00 per 100.
J. S. Bloom, Riegelsville, Pa.

SMILAX.

2000 strong, 3-in. smilax, grown for my own use, $1.50 per 100. Changed plans necessitates disposing of them.
E. C. Keck, Washington, Iowa.

Smilax plants, strong, bushy stock in 2½-in. pots, $15.00 per 1000. Cash with order.
John Brod, Niles Center, Ill.

Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100; $9.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Smilax, large, healthy plants, 2-in., $1.25 per 100; $10.00 per 1000.
O. B. Stevens, Shenandoah, Iowa.

Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax seed, ¼ lb., 75c; ½ lb., $1.40; 1 lb., $2.50.
JACKSON & PERKINS CO., Newark, New York.

Smilax, fine plants out of 2½-in., $1.25 100; $10.00 1000. J. C. Schmidt Co., Bristol, Pa.

Smilax, 2½-in. pots, $1.75 100; $15.00 1000.
Converse Greenhouses, Webster, Mass.

2,000 smilax, 3 to 4-inch, $3.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

STEVIAS.

Stevia, 2½-in., strong, $18.00 per 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevia, 4-in. pots, $5.00 per 100.
Converse Greenhouses, Webster, Mass.

STOCKS.

Stocks, Boston Florists' and Princess Alice, strong plants from seed bed, 75c per 100; 2½-in. pots, $2.00 per 100.

Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000.

Alyssum, dbl. Giant, rooted cuttings, 75c per 100. J. H. Rainsbury, Bernardsville, N. J.

SUMACHS.

Sumach, cut-leaved Stag-horn, new, very ornamental, large stock, 2 to 4 ft., 10c to 15c.
Edward Teas, Joplin, Mo.

SWEET WILLIAMS.

Sweet williams, dbl. mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Umbrella plants, good 4-inch stuff; 400 plants, 6c each. Cash.
E. C. Boss, Honesdale, Pa.

Umbrella plants. Nice 2¾-in., $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants, 15c 100; $1.00 1000. Cabbage—Jersey Wakefield, Charleston Wakefield, Lupton. Lettuce—White Loaf, San Francisco Market.
Samuel W. Shanklin, White Marsh, Md.

Lettuce plants. Big Boston and Boston Market, strong transplanted, $1.50 per 1000; smaller, $1.00 per 1000. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Lettuce. Big Boston and Boston Market, $1.00 1000; strong parsley plants, $1.25 1000. Cash. O. H. House, Babylon, L. I., N. Y.

VEGETABLE PLANTS—Continued.

Asparagus roots, Palmetto and Barr's mammoth, 2-yr., $3.00 1000; 1-yr., $2.50 1000.
J. H. O'Hagan, Little Silver, N. J.

Lettuce plants, Grand Rapids, $1.25 1000. Parsley, extra double curled, $1.25 1000.
S. J. Perry, Lock Box 33, Grand Rapids, Mich.

Several hundred fine sorts of rhubarb for immediate setting, $5.00 100, cash.
F. Seth Wiard, Yalesville, Conn.

Parsley, moss curled, large, 25c; small, 15c per 100; all field-grown. Cash.
Mayer & Sons, Willowstreet, Pa.

Lorillard tomatoes, 3-in., $2.25 100. Cash. Satisfaction guaranteed.
Ray H. Palmer, Randolph, N. Y.

Parsley, large field-grown plants, 25c per 100; $1.25 per 1000.
J. C. Schmidt Co., Bristol, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vincas, field-grown, strong plants, $4.00 per 100. Nice young plants from 2½-in. pots, $2.50 per 100, $22.50 per 1000.
Geo. Baldwin, Linden Ave. & Superior St., Oak Park, Ill.

Vinca variegata, strong plants, long vines as lifted from field, $5.00 per 100; $40.00 per 1000. C. M. Niuffer, Springfield, Ohio.

Vinca variegata, strong field-grown plants, with long vines. $5.00 100; $40.00 1000, cash.
A. S. Wallace, Montclair, N. J.

2,000 Vinca variegata from ground, nice plants. 4 to 5-inch pots, $5.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

Vinca major variegata, field-grown, full of fine leads, $6.00 100.
Nathan Smith & Son, Adrian, Mich.

Vinca variegata, strong plants from field, $4.00 per 100.
Van Aken Bros., Coldwater, Mich.

VIOLETS.

10,000 field clumps, Campbell, Princess of Wales and California, all No. 1, $5.00 per 100; $45.00 per 1000. Campbell, Marie Louise and Swanley, 2½-in., strong, $3.00 per 100. California from flats, all summer, $1.50 per 100. See my fern adv. Cash.
Benj. Connell, West Grove, Pa.

10,000 violet clumps, field-grown, clean and healthy. Cash prices. L. H. Campbell, $4.00 per 100. Swanley White, $4.50 per 100. Princess of Wales, $5.00 per 100. The violet grower,
A. B. Campbell, Cochranville, Pa.

Field-grown California and Princess of Wales violets, strictly first-class stock, from sand-rooted cuttings, $5.00 per 100.
Fred E. Hollard, Highland, Ill.

Violets. Princess of Wales, field clumps, bud and bloom, $5.00 100. Swanley White, field plants, $4.00 100.
Nathan Smith & Son, Adrian, Mich.

Violets, Marie Louise and Princess of Wales, $4.00 per 100. Cash. Money returned if not all right. Frank Berry, Stillwater, Minn.

Marie Louise and Campbell violets, 3-in. pots, $3.00 per 100; 2-in., $2.00 per 100. Cash, please. Geo. Engel, Xenia, O.

Violets, A1 stock from 3-in. pots; also field-grown Lady Campbell, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Violets, fine, field-grown. California, Princess of Wales, Lady Campbell, $4.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Violets. Strong, healthy field-grown Campbell, $2.50 per 100; $20.00 per 1000.
Wm. H. Search, Avondale, Pa.

Maria Louise violets, field-grown, $5.00 per 100; pot-grown, 3-in., $3.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Violets. California and Louise, 3-in. pots, $3.00 per 100; ready for planting.
S. M. Harbison, Danville, Ky.

300 Princess of Wales violets, $4.00 per 100. Strong field-grown plants. Cash.
Chas. H. Green, Spencer, Mass.

Princess of Wales, 2-inch, $2.00 per 100, $18.00 per 1000.
Harmon & Henderson, Iola, Kan.

2000 strong, field-grown Lady Campbell, $3.50 per 100. Otto H. Bourdy, Lowell, Mass.

500 Princess of Wales from field, $6.00 per 100. R. D. Kimball, Waban, Mass.

Marie Louise violets, strong, field-grown, $4.00 100. Davis Bros., Geneva, Ill.

Princess of Wales violet plants; large clumps, 5c. W. W. Coles, Kokomo, Ind.

Violets Lady Campbell, field-grown, $4.00 100.
Converse Greenhouses, Webster, Mass.

Violets. 2½-in. Campbell, $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Violets La France; fine, field clumps, 5c.
Edward Teas, Joplin, Mo.

Fine plants of Marie Louise, $5.00 100.
N. H. Sherwood, Southport, Conn.

MISCELLANEOUS.

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PRUNING CLIMBING ROSES.

What are known as climbing roses, of which Crimson Rambler is perhaps the best known variety, should now receive attention in pruning (August 6). I know it is the accepted plan to defer the pruning of roses generally until March and April. Those who are thoroughly conversant with the needs and ways of climbing roses, know well that they are not like hybrid perpetuals or teas; they do not produce the bulk of their flowers upon growth of the current season, but from that which is made the previous one. This type of rose, then, comes under the head of plants requiring maturity of growth if a full crop is to be expected. How, then, is maturity of growth obtained? Not by the overcrowding of shoots, but by due exposure of growth to air and sunlight.

To obtain these results it does seem to be the most common-sense principle to remove the cause of want of maturity at the proper time, and that is directly the plants have given their crop of blossom. Why wait until March when the same thing can be done at once? Knowing so well that so many persons do not realize the requirements of this section—and a powerful one it is in the rose garden—I lay special emphasis upon this detail—its necessity, and the results accruing from it.

Taking the climbing or rambling varieties of roses generally, of which Euphrosyne, Electra and Leuchtstern are good examples, in addition to the old favorite named above, the finest trusses of flower are produced from the strong sucker-like growths made during the season of flowering. In many instances where the culture is of the best, these shoots reach a length of ten feet in one season. These are the growths to retain for next season's flower crop. In pruning, therefore, due attention should be given to removing weakly growths that have flowered this year, cutting them clean away from the base. Where a strong shoot of last year's growth has given a full crop of flower this, and there is space for it to remain, do not cut such away, but prune away all flower trusses back to a growth eye. Lay in all the sucker-like shoots, not overcrowding them, and do not top them, no matter how long they may be at present, as with a damp autumn some of the eyes near the apex might push into growth, and that is not desirable.

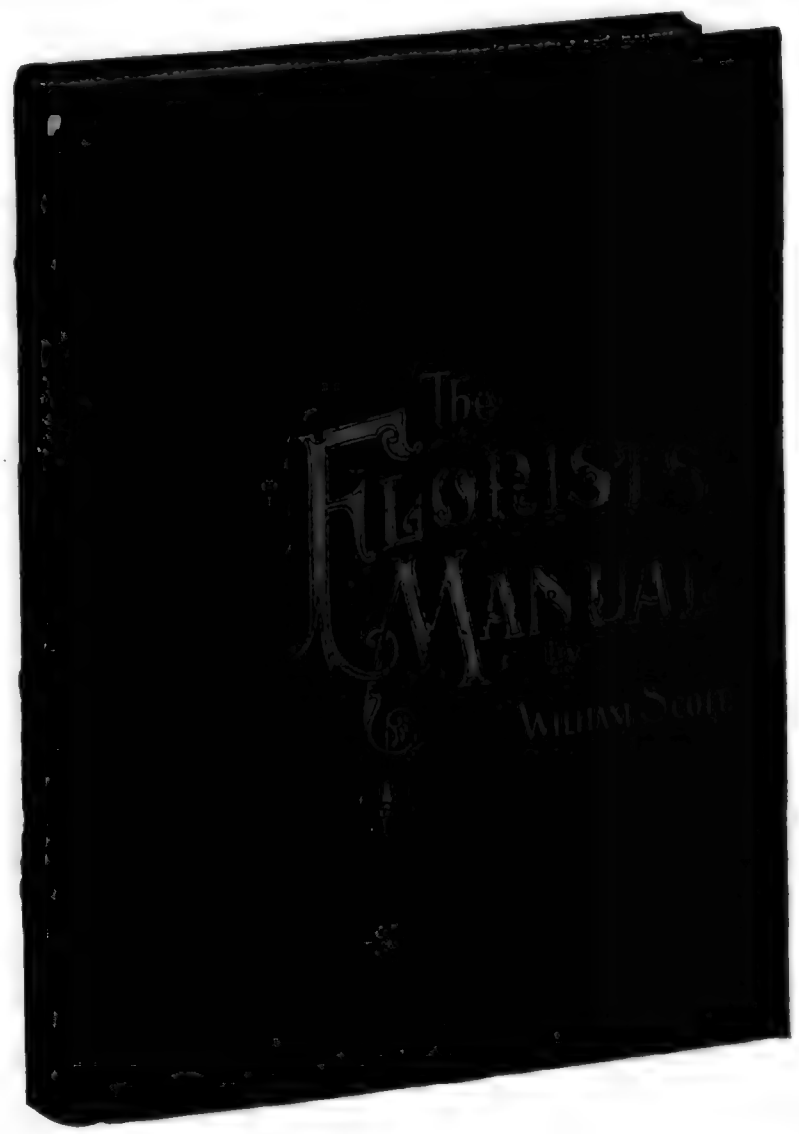
After pruning, prick up the soil about the plants, adding a little half-decayed farmyard manure if the growth is not satisfactory, and water copiously in dry weather. If the garden hose is used vigorously to moisten the foliage in the evening after a hot day, so much the better for the growth, as it washes off dust and insects, and in every way encourages freedom of growth.—E. MOLYNEUX, in Gardeners' Magazine.

PENTSTEMONS.

I must differ from anyone who deprecates raising pentstemons from seeds as compared with propagating by cuttings, says a writer in the Gardeners' Magazine. If you have named varieties, of course propagation by cuttings is absolutely indispensable to maintain the variety. That is, of course, one thing. But the raising of pentstemons from seed is so very much another thing, not only because all trouble of propagating by cuttings and wintering them securely is saved, but there is from seedlings the certainty of securing great variety in colors of flowers, and that is a great gain. So far as the securing of size and quality of flower is concerned, I have always found, and my experience extended over many years and to thousands of plants, that seed saved from a good stock will reproduce all the best qualities of that stock, with the advantage that greater variety of color results also. I have found few hardy plants, such as the pentstemon may be regarded, that reproduces high-class quality so well.

It is so easy to sow seed in a cold house or frame in February or March, doing so in a shallow pan, to obtain plenty of strong plants to dibble into the open ground at the end of May, and then have them to bloom profusely through the autumn. Shortened back in the winter, and induced to break low down, they will the following summer make large and most attractive plants, carrying bloom until the early spring sowing comes in. To myriads of flower lovers such a method of dealing with the pentstemon is a great gain.

While one of the worst of flowers to travel well in a cut state, generally being so shown at a disadvantage, it is in the garden one of the most charming, and will give, apart from external color and size of flower, very beautiful inner markings. After all, to myriads who devote attention to gardening, plants that can be easily raised have much more value than have choice-named or florists' varieties.



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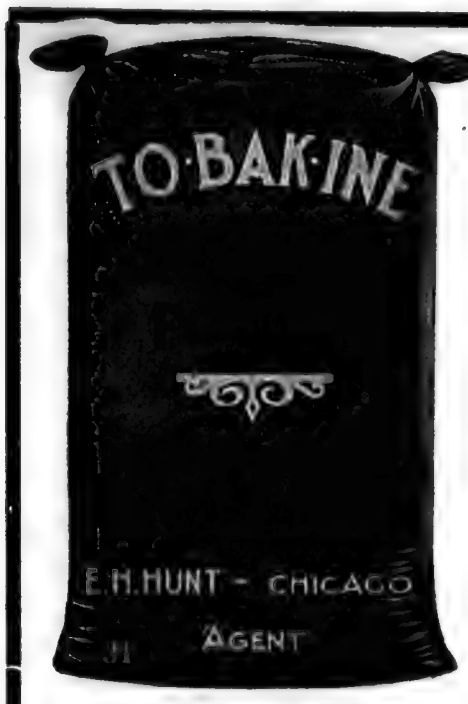
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GINSENG.

Can some reader of the REVIEW give me information about ginseng? What is it used for and what is the culture?

R. V.

The ginseng of commerce is Panax quinquefolium of botany. The name panax would indicate that it is for its curative properties that it is valued and as a matter of fact by some it is regarded as the panacea for all ills that human flesh is heir to. It is not largely used in America except as a demulcent. In China, however, it is regarded as having properties which could only be attributed to it by superstition. The large sale for the roots in that country has led to the exportation of the American root until the plant in a wild state is now seldom met with. It is cultivated, but a large majority of those who undertake the industry meet with failure because of ignorance of the plant's many peculiarities. It may be propagated from seeds, germinating the first or second year, according to whether they are fresh or dry. The soil must be light, rich and well drained.

Because of the high price at which ginseng roots have sold it has been made the means of swindling a large number of credulous persons, and glowing descriptions of the profits to be made by purchasing from any of the numerous ginseng companies are to be taken with a very large grain of allowance. For further information on this plant and its culture write to the Department of Agriculture, Washington, D. C., for bulletin No. 16 of the Division of Botany.

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See page 1047

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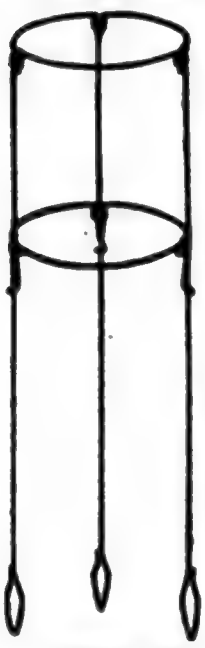
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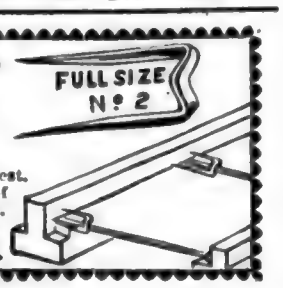
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" No. 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
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" No. 7	6x16x20	5.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
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L. C. C.

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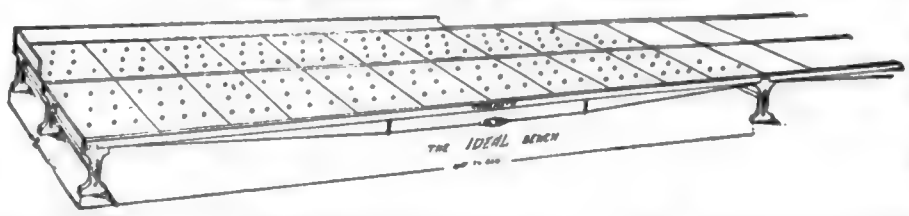
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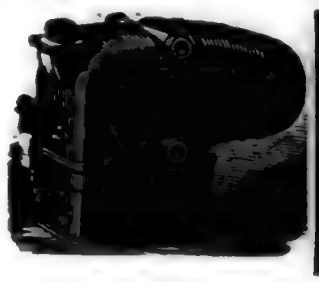
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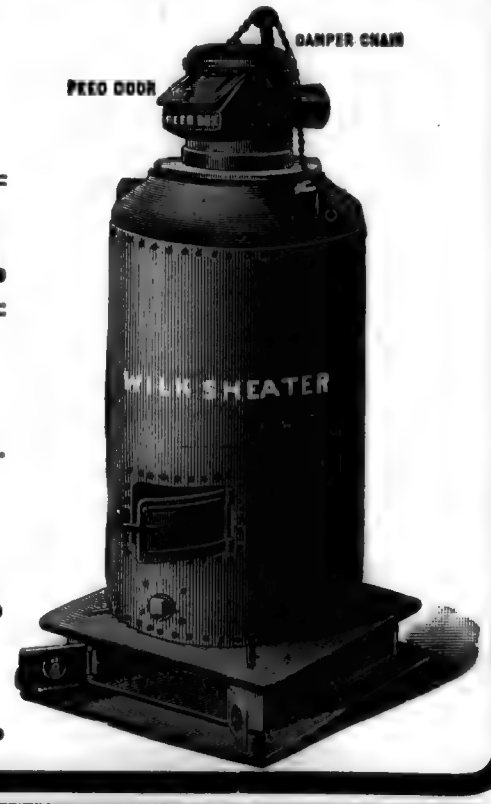
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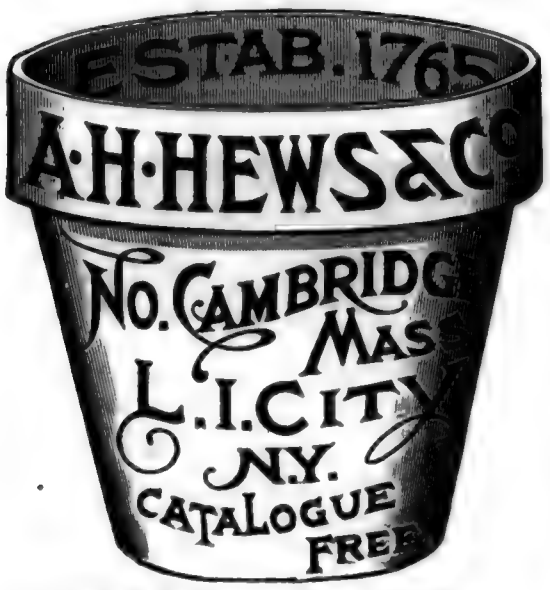
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G. L. GRANT, EDITOR AND MANAGER.

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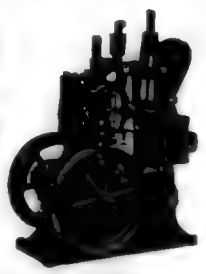
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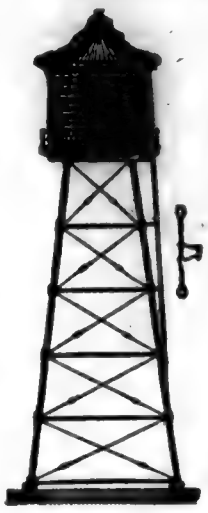
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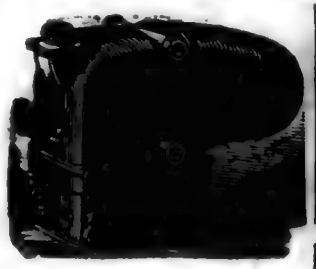
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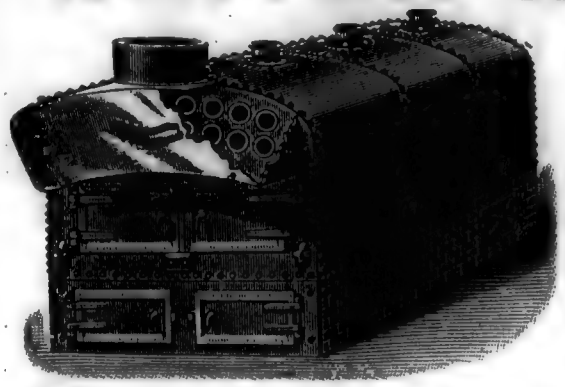
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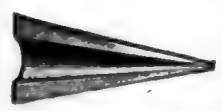
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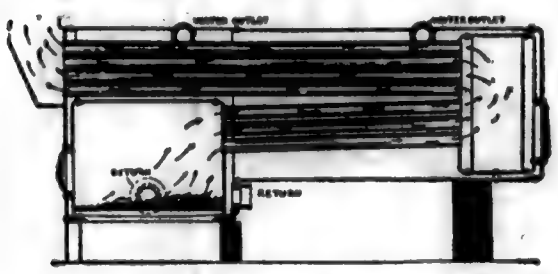
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A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, OCTOBER 20, 1904. No. 360.

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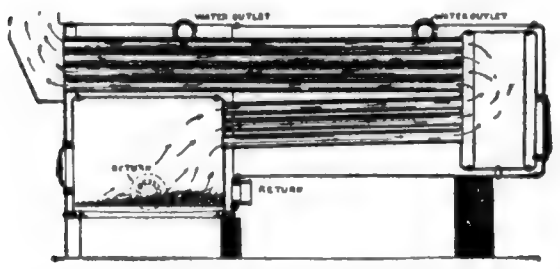
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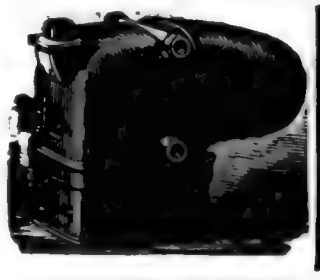
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Paper White True Grandiflora, 1400 to case, 13 cms. up. French stock, not the cheap Italian. 100, $1.00; 1000, $8.75; case 1400, $12.00.

	100	1000
Von Sion, mammoth double nose	$2.00	$19.00
Von Sion, very large, select	1.50	13.00
Von Sion, good flowering, strong bulbs	1.25	10.00
Bicolor grande, the finest, largest trumpet for late Easter forcing, 25c doz	1.75	15.00

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White Roman, 11x13	2.50	22.00
White Roman, 12x15	2.75	25.00
Dutch, first size	6.50	60.00
Dutch, second size	5.00	45.00
Dutch, fancy grade, 17 cms., separate colors	3.50	33.00
Dutch, 15 cms., separate colors	2.75	25.00

CALLA ÆTHIOPICA.	100	1000
8x5 inches circumference	$3.00	$25.00
4x6 " "	5.00	45.00
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All have sound, fine center shoots.

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Pure white, strong bulbs, 100, 70c; 1000, $6.00
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We offer to close out a surplus stock.
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EXHIBITION FLOWERS.

The weather just now, while ideal in many respects for the development of the flowers, is really too bright and warm during the day, and shading is still necessary. So far we have been free from those warm, foggy nights, which cause the flowers to damp so terribly, and it is to be hoped that this year we may be spared this misfortune. The burn by the sun is entirely different to the damping from the moist night air, but the results are equally destructive. Nothing is so heartrending to the exhibition grower as to walk in his house some morning and find his choicest flowers spoiled and worthless. Every day the flowers are opening and from now on the exhibition grower lives in a little world of his own. The rose or carnation grower, or any other specialist, is naturally interested in his work, but he can never experience the pleasure that the exhibition mum grower feels as he daily watches the culmination of his hopes after weeks of watching and waiting. Chrysanthemumitis is a disease that spreads rapidly at this season. While it is contagious, it is not fatal and runs its course in some four or five weeks, after which the patient is able to sit up and take notice and gradually recovers his sanity. This disease, like hay fever, once contracted recurs every year about the same time, and is only cured by the death of the patient or the refusal of the boss to buy any more novelties.

To return to our flowers, we can now begin to see how the novelties are shaping, and while some are comparatively useless for our climate, others will be very fine. Of the Wells set, Winnie Terry may be set down as useless. It is deficient in petalage and shows no merit whatever. This merely emphasizes the fact that no matter how good a variety may be in Europe, it does not follow that it is any good here.

On the other hand, J. H. Doyle and Mrs. J. A. Miller are both finishing up enormous flowers. They will be invaluable to the exhibitor and, while they run somewhat on the same color, a terra cotta, shading to brick red, they are both indispensable.

Mrs. W. Duckham is a lovely thing. It greatly resembles Cheltoni in shape and general appearance, but it is deeper in color and a narrow crimson line running down each side of the petal makes it a striking and distinct variety. It is equally as graceful as Cheltoni and must become a very popular variety.

With the exception of Merstham Yellow, which has already been spoken of in these notes, none of the others of the Wells set is developed enough to judge yet, but Dora Stevens looks to me like a greatly improved Chenon de Leche.

Mrs. J. Dunn, as a white, will hardly come up to our standard for size. The flower has lots of petalage, but the florets fall close to the stem and, unless exhibited on a board, the size of the flower is lost to a large extent. Emily Mileham, a white, somewhat on the same lines, I regard as a much finer kind and this latter will probably make its way all right.

Last year's novelties are showing up in wonderful shape. W. Duckham, while it is later in developing, shows up as fine as last year and if this variety is not set up in splendid shape everywhere I shall be greatly surprised.

Cheltoni is a peerless yellow, in its season, which is second early. I saw a batch of several hundreds October 17 that were simply exquisite. Immense in size, yet with a perfect finish, one may say it is in a class by itself. The demand for stock of this variety at a popular price will, I predict, be phenomenal.

Harrison Dick and Donald McLeod, the two bronzy yellows, are both ready to cut and I regard them as useful kinds for either the commercial or exhibition grower.

F. A. Cobbold is making such enormous foliage that there is not room for it in the bench, and I think it will have to be grown in a pot, where its exuberance would be tamed down.

Two whites that were not generally distributed last year, Mrs. D. V. West and Guy Hamilton, are both showing up finely and will make their marks this year all right.

Ben Wells, also, will please everybody, unless I am greatly mistaken. Massive, yet finely finished, and a very vigorous habit combine to make this a splendid sort.

In the crimsons Maynell and Wright both look well and, while they both damped some in the sunlight, this trouble has ceased since the plants were well shaded. I shall be surprised if S. T. Wright particularly is not set up in fine shape at Boston. It is making an enormous flower and the color is very striking. Some growers are having trouble with it, but the fact is it will not stand much feeding and, as it is such a strong grower, feeding is not really necessary.

I do not recall ever seeing the flowers of all the kinds finishing up so nicely as they are doing this year and I look for fine exhibitions and good competition, particularly in Boston.

Brian Boru.

CARE OF STOCK PLANTS.

Now that the early mums are being cut I wish you would tell us how to treat the plants for stock for next season's propagating. I have several new sorts, only a few plants of each, and I want to multiply them as much as possible before another year. Please tell me how to proceed. H. O.

If H. O. wishes to increase his stock very much the best way would be to take all the cuttings that are now showing on the old stools and root them at once. These cuttings, when rooted, can be planted out closely on a bench in a temperature of 50 degrees and they will in spring produce a great abundance of cuttings, after being topped once or twice. The old plants can also be kept in a cool house and they will continue to give cuttings all winter. Brian Boru.

TIME TO CUT MUMS.

At what stage of development should chrysanthemum blooms be cut when long usefulness is desired? E. K.

The flowers should be cut just before they are fully developed. They will then keep much better than if they had been permitted to get too far developed on the plants. The development of a flower can be gauged most easily by a novice by the petals in the center. So long as the center of the flower keeps hard and the petals keep unfolding from it the flower will continue to develop and increase in size. When the center shows signs of "finishing," the flower should be cut and stored away in a dry, cold cellar with little light. By keeping the water fresh and sweet flowers can be kept for two weeks or longer before being used for decorating, exhibiting or whatever the case may be.

Brian Boru.

LEAF SPOT ON OMEGA.

Can you tell me why the foliage on Omega has turned brown? The plants were bought last May from a western firm and were nice, clean stock. They started well and have grown well; they now stand five feet, single stems, but three feet is bare, the foliage having turned brown, as old foliage does. They are in a good, light house, the balance of which is Halliday and Robinson. These are in good shape, standing five feet with foliage to the bench, all planted in five inches of soil and eight inches each way. They have been carefully watered. The soil is rather light and plenty of good manure was mixed in before planting. After they were well started a light top dressing of fine sheep manure and wood ashes was given every ten days, but no manure water. Omega seems to be a fine early mum and I would like to be able to grow it in better shape. H. D.

The plants of Omega are affected with leaf spot. There are several forms of this leaf disease and, while they can be kept in check in the first stages of the disease by the use of Bordeaux mixture or sulphide of potassium, it is now too late to help them much. Some varieties are more susceptible to this disease than others and Omega, in my experience, is one of them. As soon as the flowers are cut the plants intended to be kept for stock should be taken up and boxed and, after being sprayed with Bordeaux, may be removed to another house. This will go far toward having clean stock for next year. Brian Boru.

THE PEOPLE'S FLOWER.

From a bulletin of the Cornell University Experiment Station we learn that the chrysanthemum industry in New York state involves more capital even than the growing of peaches. When the chrysanthemum craze began in America in 1888, there were loud complaints from those florists who thought there would be no great permanent popularity after the first fever was passed. At first, the chrysanthemum seriously in-

fringed for six weeks upon the year-round favorites, the rose, carnation and violet, but it must now be considered one of the four staples of greenhouse floriculture. The times of universally excessive prices are forever past, the readjustment to a final acceptance of this is nearly made, and the chrysanthemum has become distinctly a flower of the people.

The mission of the chrysanthemum is to fill the dull interval between the middle of October and the last of November. Never until the development of the peculiar forcing-house industry, the commercializing of floriculture on a vast scale, was it possible for a flower grown almost exclusively by the florists, and under glass, to win its way into the hearts of the masses. It is the greater general use of cut flowers that makes floriculture unique. The popular demand for long-stemmed flowers, and for some favorites in every month of the year, has conspicuously changed the methods of cultivation of chrysanthemums, roses and violets. Persons buy cut flowers, keep them in vases as long as they are thoroughly satisfactory, and are very sensitive to the delights of arrangement for form and color effects. The keeping qualities of chrysanthemums are extraordinary, and this happy circumstance is one reason why this flower has so won its way into the hearts of the masses. Nevertheless, the cry is sometimes raised that the chrysanthemum is a "rich man's flower."—Gardener's Chronicle.

MISCELLANEOUS SEASONABLE HINTS.

Cinerarias.

It is not easy to discard these beautiful plants, for they are so showy and the strains now are grand and easily obtainable from any reputable seedsman. Seeds sown in August for Easter plants will now be in 2-inch pots and will soon want a 4-inch, in which they will pass the winter, and in February be shifted into their flowering pot, 5-inch or 6-inch. Remember that the cineraria, while ruined by the slightest frost, will thrive during the winter months at 40 degrees. In fact, the fullest light and a low temperature and constant fumigation are the three essentials to make stout, healthy plants. One thing more, use in potting a rather coarse loam with a fourth of well-rotted manure, so that the water will pass quickly through. In a sandy, fibreless compost that held too much moisture I have seen hundreds rot off when quite large plants.

Palms for Decoration.

The leading palms, for which there was such a large sale for many years, up to two or three years ago, promise to be again popular this winter. The Boston fern was truly the plant for the past three years, and when you see the magnificent specimens that can be and are grown in living rooms and store windows, it richly deserves all the popularity it gained. Yet the kentia and areca, the latania and phoenix are going to sell well. Chief of all these is the kentia. You will often see a large collection of these useful palms in a retail establishment and yet with difficulty is one found that is actually perfect. This is because too many of them are lugged out to some function or other, packed and unpacked, bruised, brushed against and perhaps chilled. You can't take a kentia out half a dozen times, with the best of care, without it getting somewhat shop-worn.

So set aside those palms for decorating, big and little, and at the same time keep in perfect order and health those you have for sale and under no temptation let them go out "into society." At night 60 degrees is low enough for the small and medium-sized palms that you offer for sale, but 50 degrees at night will do very well for the large plants you use for decorations. A moderately low temperature is quite as well for them, as they will feel less the great changes of temperature to which they are too frequently exposed. If I mistake not, early signs say that the medium-sized palms that will retail at from $3 to $8 are "coming in" again.

Imported Hardy Shrubs.

The hardy shrubs from Europe will not be here for a week or two, but I have seen them arrive when we had a spell of very severe weather. Even if most of the deciduous flowering shrubs we force are hardy in the open ground during our coldest winters, that is no reason why, after being in a close box in the hold of a vessel and on the cars for sometimes three weeks, that they are in any condition to stand a zero freeze, which I have seen them exposed to when unpacked, greatly to their damage. The deutzia, lilac, prunus, pyrus, wistaria, viburnum and the Ghent azaleas are all hardy, yet when first taken out of the packing cases, if the weather is severe, they should be stood in a cool shed for a few days and at the first opportunity heeled in with plenty of soil around their roots in a deep cold-frame, where they can be protected with sash and mats or shutters.

Importing nurserymen have houses especially adapted for this purpose, with no artificial heat, yet constructed so that no frost enters. This would be an ideal place. In place of that, the small importer can get along very nicely with a substantial cold-frame. It is the sudden exposure to frost after being first unpacked that does the harm. Later on severe cold may do them no harm. Rhododendrons will do very well with the same treatment. They are bulky plants and you can not afford to give them bench room all winter, even if it were good for them. The temperature of protected cold-frames is more congenial to them and two months on your benches is all you can afford.

Young Ferns.

I think there are many young ferns, of which we have to keep a few thousand all winter for filling fern dishes, much injured, and sometimes entirely ruined, by being placed on a bench which is usually an inch board and there may be three or four 4-inch pipes beneath it. There may be a scant half-inch of sand or ashes on the boards, but when firing strong the sand or ashes get dry and warm and that's the very worst condition for these little ferns in 2-inch or 3-inch pots. It is doubtful if any ferns like fire heat near their roots.

Ferns, the very great majority, like moisture. Not the moisture we produce by syringing, as we do palms, but a steady moisture at the roots and surrounding them. Those who have noticed where the wild ferns grow, know that they are found beneath the shade of larger vegetation, on shady banks, on the margins of streams and often where there is a constant trickling of water over rocks. There are exceptions to this we know, but all the ferns we grow for fern dishes are tropical and, while they do not want spraying, the surroundings should be moist; hot, dry sand parching the roots in the little pots is the very worst condition for them. So if you must put them on benches over pipes, put a depth of sand, ashes or soil that will not dry out.

Genista.

As Easter is very late, this pretty yellow flower is likely to be too early unless you keep it cool. It does not make as much growth in summer as in the cool of winter. When the young growths are two or three inches long they can be clipped back to make the plants rounding and shapely, but don't do any clipping or stopping after New Year's or the flowering growths will be short and stubby.

Rambler Roses.

I have mentioned several times that just about now there is danger of your pot-grown Ramblers, in case a warm spell occurs, breaking at their strongest eyes, which would be unfortunate. They are as well laid on their sides for the next three or four weeks, or until you put them away in cold-frames for a rest until you force them. Don't, however, if the weather is bright and dry, let them get dust dry. Now, when you have them so far along, they will well repay a little extra labor. Water once a week will do, for the foliage is about gone. There is a difference between moderately moist and a soaking for two or three days.

Primula Obconica.

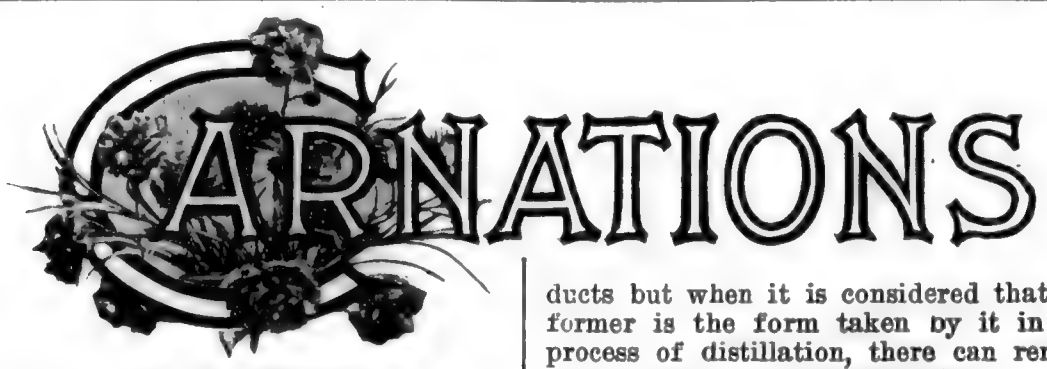
Primula obconica is sure to be as popular and useful as ever and, with the wonderful improvement in size and color of flower, it is now indispensable. What a pity it poisons some people. I thought for years it was all imagination or affectation. Of a dozen men and boys who handle it and speak as they pass by, not one complains, yet we have a very successful lady florist on Main street who has to run out at the back door if she sees P. obconica coming in at the front. It is a beautiful pot plant all winter and the cut sprays are most useful in designs.

We planted out the little plants from the seed pans in May, to some flats of finely prepared soil, and in July transplanted about eight inches apart in four or five inches of soil on a bench. Those we want for pot plants for Christmas

can now be lifted and potted in 5-inch or 6-inch pots. They take no notice of the lifting any more than a pansy. If kept very cool the others can remain on the bench until February. For cut flowers, if given more room on the bench and a night temperature of 50 degrees it is a much more satisfactory way of growing them than in pots.

Smilax.

Of all criminal negligence in the greenhouse, the most inexcusable is letting your smilax bed go without strings. A bed planted at the first of July should be now ready for first cutting. Don't pick out good strings here and there. Clear it off as you go, and then keep the portion cut on the dry side until you see young growths start. A heavy watering after you have denuded the plant of all growth is most liable to rot the fleshy roots and they are then about as fragrant as rotten potatoes. Tie up the strings again before the young growth is long, or it will soon get tangled up and no amount of patience will make a perfect string. After the first crop is cut and another crop has a good start, put on a mulch of one inch of manure not too far decayed. Like all its family, it is a heavy feeder. A heavy loam, plenty of manure and a strong heat, not less than 60 degrees, at night, are the conditions which make smilax profitable. William Scott.



BUDS AND FLOWERS ROT.

I would like to know the reason why my carnation buds rot in the center before they open and even when they are open. I give them a good soaking once a week and after they are sprinkled they are spotted white. B. C. H.

While I cannot say with certainty that all the fault lies in your method of watering, yet I feel sure that much of it comes from that source. If the trouble is not brought on by it, it certainly is aggravated by it. To give your carnations a good soaking once each week, regardless of the condition of the soil, is the greatest folly. You should water when the soil is in the proper condition, which may be once in one week and three times the next week, according to the weather, and besides this you should look over the beds every day and water the dry spots along the edges, etc.

Those white spots are not caused by the sprinkling, but by thrips, and you will do well to get after them in earnest at once. Get some of To-bak-ine liquid and spray them every morning for a couple of weeks, providing the day is bright, and you will get rid of them. The only way to get rid of this little fellow is to go after him with hammer and tongs, as the saying is, and clear him out with a rush.

A. F. J. Baur.

CARNATION NOTES.—EAST.

The Use of Sulphur.

I have many times in these notes referred to the use of sulphur as a means of combating and preventing fungous or other diseases and, in view of several inquiries, will give different methods of utilizing this valuable remedy.

The most common way of using sulphur is in the dry powder form, applied with a bellows. The more finely the powder is divided the more effectual; therefore it is better to employ flowers of sulphur than that obtained by reducing lump sulphur to a powder. Some contend that there is no difference in these two products but when it is considered that the former is the form taken by it in the process of distillation, there can remain little doubt of the dissimilarity.

It is generally conceded that the chief remedial properties of sulphur lie in its fumes; hence the advice to apply the powder in a manner that the sun's heat may extract and cause these fumes to be diffused.

During periods of continued cloudy or stormy weather it is sometimes desirable to offset the effect of the damp atmosphere by other means than wholly with artificial heat. This is accomplished by applying sulphur to the heating pipes in the form of paint, covering only enough surface to produce a subtle odor of sulphur through the house.

Several methods are employed to prepare the sulphur in paint form but I favor its mixture with lime in the following manner. Slake a quantity of lime in hot water which will cause violent boiling; add the sulphur while boiling most violently, stirring thoroughly; allow one pound of sulphur to about four gallons of wash, which when cool should be about the consistency of cream.

Aside from the use of this mixture on heating pipes, it can be diluted with water, allowed to settle and the clear yellow liquid drawn off. Being a combination of sulphur and lime in solution, it has seemed to me of value used as a spray or otherwise and numerous experiments have given very satisfactory results. Geo. S. Osborn.

CARNATION NOTES.—WEST.

Seasonable Details.

While we have ceased overhead watering several weeks ago, yet we find that we cannot reduce the syringing down to once or twice each week. The nights are cool and invigorating, but most of the days are quite warm and about 11 in the morning we find that a light spraying overhead does the plants a great deal of good. We do not wet the walks, except perhaps where they are exposed to the sun all day, causing them to throw off too much heat for the good of the plants along the edges. Try now to get your plants a little hardened off by watering a little less than you did a month ago, but do not starve them by any means. The carnation is a water-loving plant when the conditions otherwise are favorable.

If the stems of some of the varieties are a little weak give them a light dressing of wood ashes. In fact, it will be quite beneficial to all of them about this time. It serves to tone up the plant's system and sweetens the soil. If the soil is not too full of roots stir it about a half inch deep with your hands, then sprinkle over it about a 3-inch pot of ashes to each row half way across a 5-foot bed and water thoroughly. The ashes will be mixed with the soil just as well and it will be much easier on your hands than to sprinkle on the ashes and stir them in afterward.

By this time you should have the tying up pretty well completed, as far as it is needed. Some of the taller varieties



Bench of Mrs. Lawson at Baur & Smith's, Indianapolis.
(House forty-five feet wide, plants in four inches soil on twelve inches cinders. Photographed April 10.)

will already need the second tier, while many of the dwarfer and stiff-stemmed sorts will do very well on one tier for a little while yet. Don't delay adding the supports as they are needed, but the less strings, etc., there are in the way the better you can work the soil, etc.

Of course you are keeping the plants disbudded right along now, so that by this time you should be picking some very nice blooms. There is a vast difference in the quality of the blooms from the different varieties at this time and often we are inclined to judge a new variety too harshly because it fails to come up to our expectations early in the season, or, on the other hand, we may fall in love with a variety during this month and next, only to be all the more disappointed later on in the winter. Don't pass final judgment on any new variety you may have on trial until at least the end of the propagating season next spring. Last spring I heard of several growers who threw away their stock of Adonis only to buy a new stock of cuttings a little later, when it picked up so well for some of their neighbors. Then, again, there are those varieties which do not like warm weather, but produce grand blooms as soon as cool weather sets in. They may all be profitable when given a chance, and when judging a variety it should be when it is at its best, and not when it may be at its poorest. Study the wants of the new ones and try to see what can be done with them when they are grown as they should be.

A. F. J. Baur.

GREEN CARNATIONS.

Is there such a thing as a green carnation? I am told there is, but have not heard of such a thing.

Elmwood.

I know of no carnation which produces blooms of a green color, nor would I grow it if I knew of one. The party who told you there is such a variety must have seen some blooms which were colored artificially. This is often done to meet the demand for something green to wear on St. Patrick's day and, while the process is simple enough, it is not known to everyone who handles flowers. You will find that if you cut some white blooms when they are just unfolded and set the stems into a dark green colored water they will draw up enough of the coloring matter to take on a lively green cast. Of course the people who buy the blooms imagine they have a naturally green bloom because they can see no coloring matter on the outside.

A. F. J. Baur.

THE RETAIL FLORIST.....

DECORATIVE SCHEMES.

A Wall Decoration.

The illustration here presented is of a chapel wall at Christmas time. The material is wild smilax, holly sprays and berries. The wall was covered with ingrain paper, no figures at all appearing excepting the top border. This last part of the permanent decoration was carefully respected. No part of the temporary decoration was allowed to extend over the lower line of the border. A plain wall is always the most desirable for foliage or flower decorations.

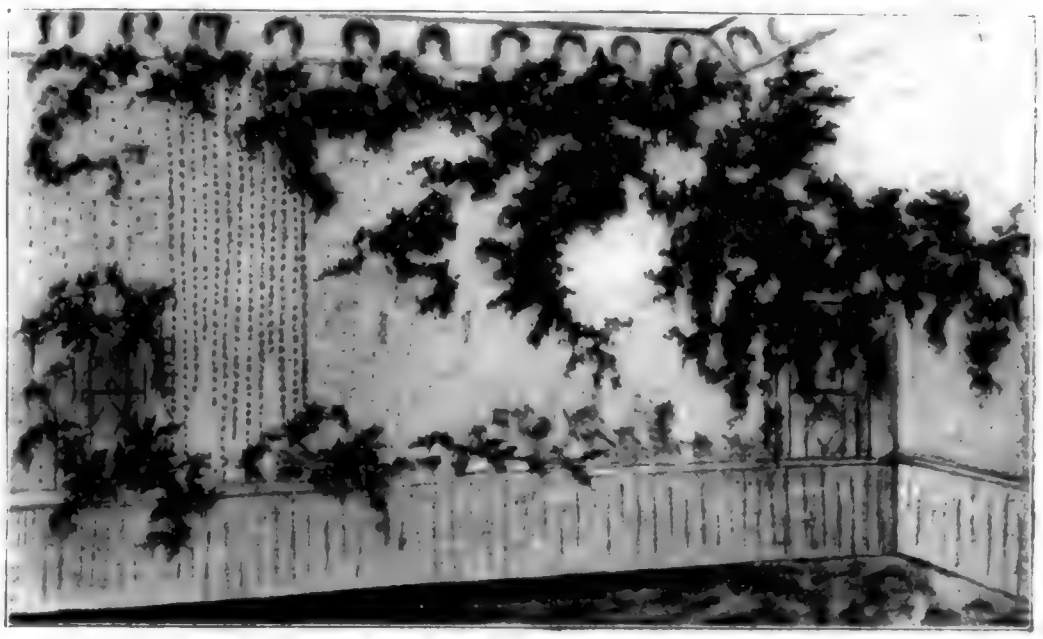
The first part of the decoration to be put up was that of the tapestry effect which shows under the spray of smilax to the left. The material for this tapestry was strings of holly berries on linen thread. The loose holly berries from several empty cases of holly were saved and the work was done by a number of children. This they greatly enjoyed, which could hardly be said of a busy florist during Christmas week. It would be a long, tedious job for anybody else but children who were anxious to earn a little money for Christmas. Although such a task for one person, the results are well worth the work, for the bright berries retain the color for many weeks and the smilax as well. One end of the linen thread is wound around a tack which can be driven in along the lower line of the border without having the tack show. Place the strings about an inch apart. Make the longer ones to reach the top of the wainscoting below. Vary the lengths of the strings about as shown in the illustration. Along the top of the wainscoting make a sort of frieze of ordinary sized holly sprays. Tack these on with double pointed tacks on the top edge of the woodwork, being careful to make as few punctures as possible.

The principal part of the design represents one large spray of wild smilax with numerous drooping and side branches. The design is simple, but very decided. It is much easier, as has been emphasized before in these columns, to have a definite picture in mind of the design which is to be put up. With this end in view, select the sprays of smilax which can be easily connected and will fall into place to make the one large spray of the decoration. This was begun at the heavy end immediately over the window in the right corner. The first spray was tacked on the top of the woodwork of the window frame and spread out along the principal line of the large spray. One tack somewhere over the slender end of the top part of the branch will hold this part of the spray in place. The tip of the spray, as can be seen in the illustration, takes a decided curve downward. At the point where the principal line of this spray begins to deviate from the main line of the large spray, place the lower end of another spray of the smilax. Direct this last one upward and parallel with the lower line of the border. Tack it in place with not more than two or three of the staples, and repeat the process several times until the left upper end of the whole design is put in place. Do not lose the direction of the whole spray. Several of the drooping branches toward the center and left end of the spray can be put in last, as they seem to naturally fit in. Do not attempt to twist these tough stems nor turn them about from the position which the natural bend of the spray seems to demand. After completing the main spray, the large branch extending to the right along the side wall is attached to the main spray, fastened along the corner where the two walls meet, and terminated in much the same way as the far end of the spray. Where the sprays are fastened in the corners of the walls, several little side branches are trained out past the corner on the side wall to prevent an abrupt corner to the spray.

The left window is framed in holly sprays, following closely the outline of the window frame. Let the top of the wainscoting be the lower border of the whole decoration. Gertrude Blair.

A LOOSE BASKET.

One of the handsomest baskets of loosely arranged flowers seen recently was filled with Shasta daisies. It was



Decoration of Wild Smilax and Holly Sprays.

a dark brown willow basket, oval in shape, about eighteen inches long and a foot wide. There was a low handle the long way of the basket. The basket was first filled rounding full of sphagnum, packed solidly and covered with ferns. Then a lot of Adiantum Croweanum was stemmed, two or three fronds on a pick. Next fine large Shasta daisies were stemmed singly on picks, the stems being a little longer than the adiantum. The filling was done so that the shorter daisies were on the sides and hung down, nearly hiding the basket from sight. A good deal of green was used, but not so much as to make the flowers seem few. The effect was loose and free but finished.

FLOWERS BY TELEGRAPH.

Put a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the REVIEW and select a man to whom to telegraph the order. You will find it a very satisfactory source of new business.

WORLD'S FAIR FLOWER SHOW.

A party of leading men in the trade met at the Sherman House, Chicago, last Saturday and organized the World's Fair Flower Show Association for the purpose of giving floriculture a boost by means of an exhibition of the first magnitude on the grounds of the St. Louis World's Fair. The dates chosen were November 7 to 12.

Among those present were President Philip Breitmeyer, of the S. A. F., Detroit; E. G. Hill, Richmond, Ind.; Elmer D. Smith, Adrian, Mich.; Fred Dorner, Jr., Lafayette, Ind.; H. W. Buckbee, John T. Buckbee, Chas. W. Johnson, Rockford, Ill., the principal growers in the vicinity of Chicago and other interested parties. E. G. Hill occupied the chair.

It was stated that President Francis, of the World's Fair, had authorized Chief Taylor to arrange with responsible parties to hold a flower show in the great conservatory adjoining the Palace of Horticulture, the Fair providing room, light, attendants and advertising without charge, the show management to pay the cash premiums and to be entitled to charge and retain an admission fee of 25 cents. Chief Taylor stated that the exposition gold, silver and bronze medals would be awarded to exhibits in this show the same as in other departments of the Fair. Henry Shaw medals will also be available.

The proposition being fully canvassed and the possibilities for the advancement of trade interests offset by the difficulties of accomplishing much work in a brief period, the question of ways and means came up. The only logical way seemed to be to raise a guarantee fund equal to the footings of the premium list to insure exhibitors the payment of their cash awards in full. This was the course pursued in the World's Fair Show at Chicago in 1893, when a dividend was paid instead of an assessment made. A canvass of the men at the table gave a total of $2,800. During the day this was augmented somewhat and it was voted to invite all horticulturists to unite with the present guarantors in making this a World's Exposition flower show.

The first step was the organization of the World's Fair Flower Show Association, with the following executive committee: Philip Breitmeyer, E. G. Hill, Leonard Kill, W. N. Rudd, Elmer D. Smith, Fred C. Weber and J. C. Vaughan. P. J. Hauswirth was engaged as director of the exhibition, headquarters to be at 227 Michigan avenue, Chicago, until about the first of November, after which Mr. Hauswirth will be at the exposition grounds.

The show having been determined upon and the funds in sight, the great essential was a premium list of sufficient scope to include all departments of the trade and with the money at hand so distributed in liberal sums as to bring out what all confidently expect will be the finest lot of exhibits staged anywhere this year and perhaps the finest display ever seen in this country, for there is any amount of good stock only waiting for a chance at World's Fair gold medals, with all expenses paid.

The following committee on premium list was appointed: Elmer D. Smith, W. N. Rudd, Jas. Hartshorne, C. W. Johnson and N. J. Wietor. They have prepared a list carrying a total of $6,000 divided into the most liberal premiums offered anywhere in this country this season. The list is all ready for publication save for the "O. K." of the exposition officials on the offers of World's Fair gold and silver medals. These are assured but will be awarded by exposition jurors under the same terms and restrictions as for any other exhibits. Doubtless the exposition will accept the same judges as are engaged to award the cash premiums, thus reducing the work.



P. J. Hauswirth.
(Director, World's Fair Flower Show, St. Louis, November 7-12.

Proofs of the premium list, which is already in type, afford the opportunity of selecting the following as illustrating the very liberal cash premiums:

One hundred cut blooms chrysanthemums, white, $75, $50, $25; same premiums for yellow and pink.

Three standard plants, $75, $50.

Collection cut blooms orchids, $100, $60. Same amounts for collections of orchid plants.

Best groups ferns, $75, $50, $25.

One hundred Beauties, $100, $75, $50, $25.

Best collection roses, not less than eight varieties, $75, $50, $25.

Vase 100 Beauties arranged for effect, $100, $75, $50, $25. Same amounts for vase of 100 mums arranged for effect.

One hundred blooms carnations, $25, $15, $10.

Chief Taylor writes that in every way in which he can further the show's interests he will use his best endeavors and in point of exhibits the success of the exhibition is already assured. All the big growers will be there in full force. With the rapidly increasing attendance at the fair, backed by liberal advertising, it is hoped to make an unqualified financial success as well.

Every interested party is requested to write P. J. Hauswirth, 227 Michigan avenue, Chicago, at once.

ROSES.

Seasonable Notes.

During the winter months, when the days are short and the duration of sunshine is reduced to a minimum, the general care of roses, upon which so much of our success depends in producing blooms in quantity and quality to make both ends meet, necessitates great attention, skill and vigilance without ceasing, both night and day.

If we are determined to succeed, the demands on our time and attention are immediate and pressing, as no crop under glass is so impatient of neglect as is this queen of flowers and the grower who fails to put his soul, energy and skill into the subject had better be out of it.

To enable the grower to give them the proper attention he must become an ardent and careful observer, noting every failure and trying to trace its cause. The act of searching for a cause will be the means of obtaining additional knowledge regarding the wants and character of each variety and also lead to a systematic study of the diseases to which they are liable and the most effectual method of combating such.

The long, dreary winter, with its lack of sunshine and cold, moist atmosphere, is the time to try the skill, ingenuity and patience of the grower and put him on his mettle, and he who faces his troubles with courage, energy and knowledge is sure of success.

What I consider as one of the most essential elements to success is to understand the true theory of watering, for if this knowledge is lacking there is certain to be trouble during this season, when evaporation is on the decrease and root action is less lively. In my long experience as a rose grower I have noticed that the majority of complaints during the winter season about stock going back can be attributed to over-watering and over-feeding, and rarely to the lack of it, and as a consequence I am naturally inclined to put a deal of stress on this subject.

Any neglect in tying and training at this season is bound to reflect on the future crops, for if shoots and branches are allowed to scramble and trail over the bench the eyes are certain to break weak and produce a crop of blind wood. Each shoot should be tied neatly and separately, allowing sufficient space between for free circulation of air, so that after applying the syringe the foliage may become dry with as little delay as possible.

A thorough knowledge of the theory of ventilation is also necessary to the rose grower and the reduction to an exact science should be practiced, as there is great danger to even the finest crops if indiscriminate ventilation is resorted to. Vigilance, careful watering, a thorough knowledge and practice of ventilating and temperature is the price of a crop of high grade blooms. Ribes.

FEEDING BEAUTIES.

I have started to feed Beauties that were planted May 1 with weak cow manure liquid. Is it advisable, and if so, how often? B. P. T.

Not knowing the condition nor stage of growth these Beauties have attained it is rather a difficult matter to give advice upon. If they have attained a strong, vigorous growth and filled the bench with roots, they may be in a condition to use a weak dose of liquid food once a week. I have, however, found it advisable to refrain from the use of liquid stimulants on young stock, and rather prefer giving them a light mulch till the days begin to lengthen. Liquid feeding has a tendency to produce a softer growth than is safe to enter on the winter with. Ribes.



Dendrobium Thyrsiflorum.

DENDROBIUMS.

There are few more showy orchids than the dendrobiums and the photographs reproduced, from plants grown at the establishment of Harry G. Selfridge, at Lake Geneva, Wis., show what skill and care can accomplish. C. H. Gebhardt, the gardener in charge, supplies the following description and cultural details:

Dendrobium Thyrsiflorum.

"The flowers are one and a half to two inches across, spirally arranged like grapes. The sepals and petals are white, throat orange yellow. It is from India. We keep this dendrobium at the resting season in a Mexican house, where the night temperature is from 50 to 55 degrees. During March and April, when most of dendrobes start into growth, we put them in a cattleya house, with a night temperature of 60 degrees and day rise of about 5 degrees. During summer months, from May to August, we put them in our East Indian house, with a night temperature of 65 to 70 and day 75 to 80 degrees. During September and October we return them, first to the cattleya house, and during winter to the Mexican house. In winter we give water only enough to keep the compost and surface moist and prevent the latest formed stem from shriveling, the amount being gradually increased as the young shoots appear. When new growths begin to make roots water must daily be given liberally until they have completed their growth, when a diminution should be made until the plants are again at rest. And so with the sprinkling and dampening down, a corresponding diminution must be made during the declining months of the year until winter comes again. We give plenty of ventilation in summer, from top and bottom; in spring and in fall, according to the weather, and in winter only top ventilation, as we are not able to open any bottom ventilation in winter, as all the side walls are banked with leaves to keep the houses warmer. We keep D. thyrsiflorum suspended from the roof.

Dendrobium Wardianum.

"This is from Burmah. The flowers are three to four inches across, wax-like in texture, sepals white with purple blotch at the tip; petals white heavily tipped with purple, lip bright yellow, with maroon blotches. We cultivate them similar to D. thyrsiflorum with the exception that in summer we give them more sun and after the growth is completed hang them in our rose house, suspended from the roof in the full sun. In winter, from November until March, we keep them in a north lean-to house, where the temperature is 45 degrees at night and keep them nearly perfectly dry until March, when we bring them first to the Mexican, next to the cattleya house until the buds start to open, then

we let them bloom in the East Indian house. After flowering we transplant and keep them over summer in the East Indian house until the winter treatment starts again."

HOUSES AND THE MAN.

A grower who was particularly interested in roses recently visited a number of establishments in the vicinity of Chicago and noted, among other things, that the best lot of roses as well as about the poorest, were in comparatively new, high, light houses, differing but little in construction. The best Beauties were in new, even-span connected houses 27x300 feet, gutters eight feet from the ground, ridge seventeen feet six inches. These houses had continuous ventilation on both sides of the ridge, ventilators forty inches wide. In the side walls there was only one row of 24-inch glass and the plants in the side benches were, while not poor, not so good as the others. The second best lot of Beauties were in small even-span houses thirteen years old, posts four feet, ridge nine feet, ventilators operated by a wire and a stick. There was not so very much difference in the quality of the stock, although the man with the low houses has to tie his plants down when they get too tall and must grow teas on most of his side benches. It leads to the conclusion that, no matter how great an aid good houses are, the real essential is a grower who knows his business.

KEEPING CACTUS DAHLIAS.

I would like to know the best way to keep cactus dahlias in water. I have a very nice collection of the new sorts, but they are worthless as cut flowers. As soon as cut and put in water they go to sleep. We cut them early in the morning and put in a cool place, but it makes no difference; they wilt just the same. I have no trouble with the decorative or show sorts, only with the cactus varieties, like Kriemhilde, Winsome, Progenitor, Beatrice, Volker and all the newer ones.

C. H. G.

Many of the cactus varieties are very poor keepers as compared with the show, pompon and decorative types, yet several of the varieties, two of which are mentioned, particularly Winsome and Kriemhilde, we find very good keepers, and ship 500 to 1,000 miles, where they still give satisfaction. In fact, Kriemhilde will keep as long as any of the ordinary show dahlias.

In the first place all shoots should be removed, leaving the flower on the stem with its foliage just the same as a chrysanthemum, and they should be put into plenty of water until the stems are thoroughly filled, after which time there should be no trouble in packing and they should keep from two to four days, according to variety. If the young shoots and buds are allowed on they will absorb both strength and moisture which should go to the flower, causing the flower to wilt. A still better plan is to take off the buds and shoots, or, in other words, disbud the branch as soon as the main bud is large enough to show that it is perfect. The flower will be larger, the petals have much more texture and then by cutting the branches off and placing in water, the same as long-stemmed chrysanthemums, all of the cactus dahlias, with sufficient stem to hold the flower, will keep well for several days. There are, of course, exceptions with varieties like Volker, Earl of Pembroke and a number of others having such weak stems.

L. K. Peacock.



Dendrobium Wardianum.

THE READERS' CORNER.

Chrysanthemums on Boards.

The showing of chrysanthemums on boards at Kansas City was a means to an end, which was satisfactory, pleasing and successful. If the chrysanthemums at Kansas City had not been exhibited in all the approved modern forms, then, and then only would the staging of blooms on mossed boards be open to criticism. With the same conditions I would use them again. It is an actual fact that for interesting the public—I mean the masses—the boards at Kansas City had as many, if not more, admirers, as the hundreds, fifties, twenty-fives and twelves in vases in all their magnificence, and they were magnificent.

John Thorpe.

LILIUM CANDIDIUM.

When the Lilium candidum arrived the bulbs had made a weak, pale growth three to four inches long. Could these be considered dormant bulbs and will they answer for forcing purposes?

E. K.

We are afraid your correspondent must have purchased his Lilium candidum bulbs unusually late to receive them in the condition named. This lily starts to grow about September 1 and to have the best success bulbs should be potted as soon as they can be procured from the seed houses, which is generally from August 20 to September 10. Bulbs kept later than September 20 in a store make both roots and leaves and, while they will still make fairly satisfactory flowering bulbs, they can hardly equal earlier potted ones.

The bulbs received cannot be considered dormant ones. We would recommend their being immediately potted, placed in a cool, airy frame until the foliage gets green and firm and then stand them outdoors, until severe frost threatens. A good freezing we consider necessary for the successful flowering of this beautiful lily. Keep as cool as possible until the bulbs are started. Never mind if the pots are frozen occasionally. Procure bulbs as early as possible another season and pot as soon as received.

W. N. Craig.

SOILS AND MANURES FOR MUMS.

Dr. A. B. Griffiths has kindly provided the writer with an analysis of the chrysanthemum plant which shows the following chemical composition in parts per hundred:

Potash	16.2
Lime	26.3
Soda	10.4
Magnesia	10.2
Iron oxide	3.7
Phosphoric acid	19.5
Sulphuric acid	4.7
Silica	6.0
Chlorine	3.1

These figures show that lime forms an important constituent in the main structure of the chrysanthemum plant, comprising as it does more than one-quarter

of its total mineral substance. Phosphoric acid is also a conspicuous element, while potash ranges third. Soda and magnesia come fourth on the list and are nearly equal in their proportions. The element nitrogen forms 2.92 per cent of the organic substance of the plant.

The chemical composition of the chrysanthemum seems to point, therefore, to the requirement of a fairly complete manure, of which superphosphate or bone meal should form a prominent part. The excellence of any crop does not resolve itself entirely into questions of the kind and amount of manure used. This is particularly true of the chrysanthemum. Consideration must be given to the variety of the plant and the character of the cutting. That a weak cutting or variety must receive different treatment from a hardy one is self-evident.

The physical condition of the soil is of almost as much moment as its chemical constitution. It is of prime importance that the soil should be porous, in order that thorough drainage and aeration be obtained. For this purpose it is well to mix with the soil a certain amount of sharp sand and charcoal, the presence of the latter being particularly desirable. The nature of the soil, too, governs the manner of potting. For a sturdy growth, light soil should be very firmly packed, while heavy soils require only loose packing.

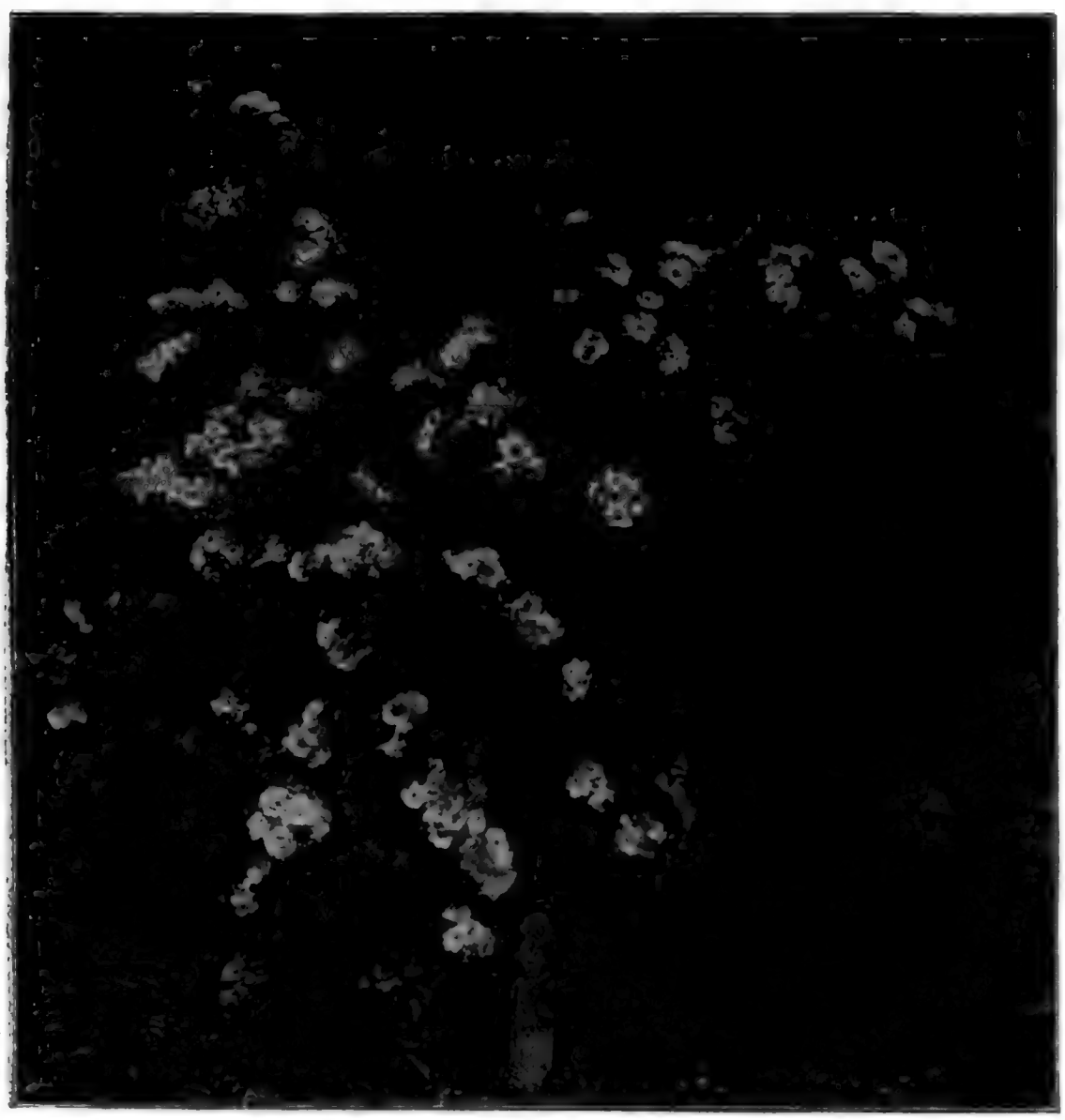
The question of the feeding of the chrysanthemum resolves itself into two parts, namely, the nature of the compost and of the subsequent feeding which takes place when the flower-buds appear. It is commonly held that the basis of the compost should consist of a good fibrous loam. The use of a very heavy clay loam brings with it the danger of waterlogged roots, while a very light sandy soil permits excessive drainage and consequent root starvation. It is preferable to err on the side of lightness rather than of heaviness.

With the loam, well-rotted stable manure may be mixed in various proportions, although the ratio of one part manure to three parts loam will probably give the best results. Horse, cow and sheep manure can all be used with good results, but cow manure is usually preferred, as it gives up its fertilizing properties gradually.

It is often advantageous to add to the compost one part in four of good leafmold; with the lighter soils this is particularly desirable, not so much because of any addition of nutrient material, but because of its power of retaining water and plant food.

Various animal as well as mineral fertilizers have frequently been added to the compost, and sometimes even used as substitutes for the stable manure. Guano has thus been used with good results; so has fish manure and dried blood. A very good practice is to add to every cubic yard (20 bushels) of compost forty pounds of finely ground bone, which not only serves as a source of phosphoric acid and lime, but also furnishes some nitrogen. Soot also has with advantage been made a part of the compost. This furnishes as much as three per cent nitrogen, chiefly as sulphate of ammonia, as well as small quantities of phosphoric acid and potash. It may be used at the rate of one to five pounds of soot to 100 pounds of the compost. Should the loam be at all deficient in lime, the deficiency should be corrected by the addition of a few handfuls of slaked lime (two or three pounds) per cubic yard of soil. A lack of lime will cause soft stems and flabby leaves. Its importance is shown by the foregoing chemical analysis.

Nitrate of soda and sulphate of ammonia have been recommended by some growers as a part of the compost. The evidence in favor of this practice is at present insufficient to commend it. It seems an unnecessary addition, with danger of a too concentrated soil solution, and waste of nitrogen through rapid drainage. Excessive concentration of nutrients in the soil solution is more injurious than a deficiency, because of the inability of the roots to absorb solutions above a certain degree of concentration. The result is that the plant starves. This fact has been very strikingly shown by some chrysanthemum cultures seen by the writer within the past few weeks. Again, in the presence of an excess of nutrients a good ball of roots is not produced, even though the cencentration of the soil solution is not too great for absorption by the roots; and, further, the roots are not in a condition to take up the subsequent liquid manure. The best plan is to have a moderately rich compost, thereby obtaining healthy roots, stems, and leaves, and then, when flower buds appear, to apply the rich liquid manures. Experiments have shown that nitrate of soda and sulphate of ammonia may be used as a substitute for stable manure, although not as an addition to it. Still, this does not at present seem practicable, the better plan being to reserve these for the subsequent feeding as liquid fertilizers.—J. J. Willis, in the Gardeners' Chronicle.



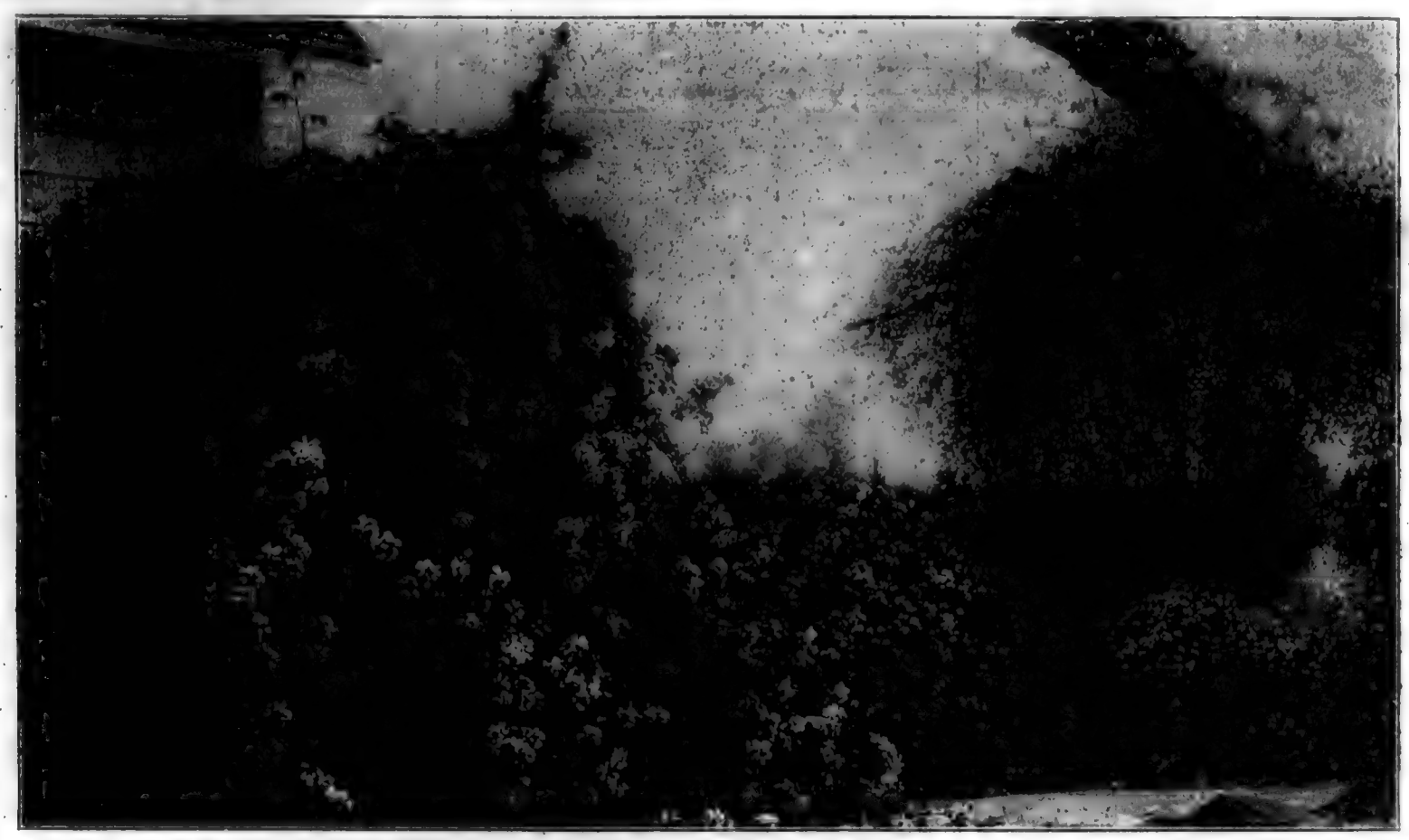
Rambler Rose Helene.

THE MARKET FOR MUMS.

Ed. Review:—In the market notes of a contemporary I see that a correspondent signing himself E. G. G. takes a shot at us in Chicago, saying that we are "blowing our horn" about selling mums at $4 a dozen; he says he wonders if they were not sold to some retail customer. As my name was mentioned in the news item which provoked this comment, I feel that I am privileged to rise to the defense of Chicago. In the first place, we wish to have it understood that we sell to the trade only. The chrysanthemums in question were Monrovia, grown by Gunnar Teilmann, Marion, Ind., and Mr. Teilmann has a statement which shows that for thirty-two dozen shipped between September 24 and October 3 his gross sales were $127.50, only one dozen of the thirty-two being sold for less than $4, and that brought $3.50. Such customers as Wienhoeber, Smyth, Samuelson, Mangel and Muir bought the stock. Our prices are governed by grade of goods, supply and demand. These mums were all sold to the trade and were worth the money at the time. E. C. Amling.

RAMBLER ROSE HELENE.

The new rambler rose, Helene, is a very strong grower. It originated with Peter Lambert, Trier, Germany, in 1897, and he says of it that it has in one season made several growths four meters (ten feet) long. It is a seedling from an unnamed seedling of Aglaia, crossed with Crimson Rambler. In growth it excels its parent and the flowers are larger in size. Lambert describes the color as clean, soft violet rose. It blooms early and freely, twenty to fifty flowers on a branch. The illustration is from a plant of Helene at the nursery of Ellwanger & Barry, Rochester.



Gold of Ophir Rose at the Residence of C. H. Gardiner, South Pasadena, Cal.

CHICAGO.

The Market.

This delightful Indian summer is excellent weather for one phase of the commission business; it facilitates trading growers. They are all in a state of unrest and it is easy to get up a dicker. But market conditions are not nearly so bad as the dissatisfaction of the growers would indicate. The city buyers are taking good quantities of stock, including everything but violets, which are slow sale, and the out-of-town shipments are numerous and fairly heavy. The trouble comes that receipts are large and quality affected by the unseasonable heat. Even in this respect, however, there is already an improvement. Cuts are not so heavy as last week, although the proportion of low grade material is just as great and "clean-up" sales just as cheap.

The early mums are gone and the mid-season sorts not yet on in full force. Good Beauties sell well but are too abundant for any material stiffening in prices. Some tea roses are very good and in demand, with others soft or mildewed and unsalable except for cheap work. Liberty is fine. Outdoor carnations still oppress the market. Fine dahlias are offered. It is too warm for violets, even fine Hudson river stock going very slow. These are again received in quantity. Smilax is in brisk demand and pretty well cut out. It is the one item strong in price.

The Chicago Show.

If anyone has an idea that because of the St. Louis show interest in the local exhibition will be any less he wants to disabuse himself of it right away. Chicago is going to have the best show of the year. There was a meeting of the executive committee of the Horticultural Society at the Auditorium Monday afternoon at which the work was pushed along with a will. Seldom, if ever, have there been so many interested workers. Everyone wants to do something to make the Chicago show the success it should be. The poster will be ready November 1.

Various Notes.

H. Bauske is one of the growers who does not find it necessary to rebuild his houses every few years in order to maintain the quality of the stock. He grows good stock in any kind of house, no matter how old, because he neglects none of the infinite details of good culture, keeps his houses always freshly painted and as clean as though perpetually swept by a new broom. If Mr. Bauske has his slippers on, he doesn't like to have to stop to put on his gum boots before he can go into the greenhouses. It is an example which many would make money by following. He grows Beauty, Bride, Maid and Liberty. The cut goes to the A. L. Randall Co.

L. Baumann & Co. report being more than pleased at the way their florists' supply business has grown in the short time they have been pushing it. Take, for instance, folding Christmas bells; their importation of one style amounts to 18,000 and practically all are sold. Besides they make a bell of their own, white, red, green and other colors, on which they are doing a big business. In fact it has for some time not been a question of getting business but of filling orders promptly. They are working nights and Sundays. They have the whole fourth floor and half the third at 76-78 Wabash avenue and a big storeroom on the north side.

Peter Reinberg says that good coal is the cheapest in the end. Pocahontas at $3.25 a ton he finds cheaper than any coal he has ever used, including Illinois and Indiana coals at much lower rates per ton. The Pocahontas has the lasting qualities, burns up clean, makes little smoke and gives great heat. He buys of Castner, Curran & Bullitt in the Old Colony building.

C. M. Dickinson spent a day at St. Paul last week. W. E. Lynch returned Monday from his trip to the Hudson river violet district and the Berkshire fern region. He says he saw to the shipping of two refrigerator cars of ferns, now in cold storage.

At the Growers' Market Crabb & Hunter reopened this week. Mrs. Mulliken, who had charge last season, is again on hand but now as Mrs. Jamieson. The F. Blondeel Co. will resume selling on November 1. Mrs. Fred Hills is again on hand each morning.

A. V. Jackson has given up rose growing and torn down his houses. Hereafter all his energies will be devoted to mushroom growing.

The Bensinger funeral on Sunday brought out one of the largest displays of flowers ever seen in Chicago. Mr. Bensinger was the founder of the Brunswick-Balke-Collender Co., and many of the pieces were above the hundred-dollar mark.

All Saints' day, November 1, is annually the occasion for heavy shipments to New Orleans; nowhere else does it have any importance as reflected in demands on this market. The New Orleans shipments will go out October 29 and 30.

Kennicott Bros. Co. is doing a big business in wire work this month, but report wheat sheaves slow sale.

Frost has held off so long that the growers are putting carnations from the field in the benches from which the early mums were cut.

Wietor Bros. report shipping demand as very good the last few days.

D. Wood Brant is getting a large cut of Beauties. He ships the greater part of his product on standing orders.

Leonard Kill is chairman of a committee charged with the duty of procuring supplies so that a flower may be given to each lady who visits the flower show. He was also chairman of the program committee for the St. Gregory's church fair this week and if he is as successful in getting flowers as he was in getting advertisements for the program there will be a whole bouquet for each show visitor.

E. C. Amling has put in a vertical filing system to keep all his correspondence

where he can put his hand on it at a moment's notice.

Gus Lange says business is opening in good shape. He is buying heavily. His out-of-town trade seems to keep him busy on days when local business is quiet.

To the sign on the window of the F. E. Butler Floral Co. has been added "R. Jahn, Mgr."

J. A. Budlong is cutting some very nice Mrs. Robinson mums.

John Thorpe returned Tuesday from La Crosse, where he has been engaged for some time.

The Ernst Wienboeber Co. has issued its annual edition of "Engagements," very tastefully gotten up.

Among the week's visitors were President Philip Breitmeyer, of the S. A. F., Detroit; E. G. Hill, Richmond, Ind.; Elmer D. Smith, Adrian, Mich.; Fred Dorner, Jr., Lafayette, Ind.; H. W. Buckbee, John T. Buckbee and C. W. Johnson, Rockford, Ill.; Harry May and Miss Anna May, Summit, N. J.; Eli Cross, Grand Rapids; Mrs. Wm. Dittman, New Castle.

Bowling.

There was an especially large attendance at Thompson's alleys October 18, when the following scores were made:

Player.	1st	2d	3d	T'l
George Scott	127	113	170	410
Haague	139	168	103	410
Degnan	155	86	157	398
E. F. Winterson	142	131	109	382
Pruner	145	161	143	449
Balluff	159	139	117	415
H. Klunder	118	109	114	364
E. J. Hauswirth	131	119	113	363
V. Kreitling	100	150	114	364
P. J. Hauswirth	123	157	149	429
Callas	167	177	137	481
Huebner	142	116	155	413
Venson	144	166	183	493
Kyle	120	115	112	347
Lambros	125	120	142	387
Beaman	141	107	148	396
Zappe	153	141	118	412
Mauheim	108	127	133	368
C. Klunder	92	103	90	285
Asmus	161	205	173	539

Mesdames.	1st	2d	3d	4th	Av.
Kreitling	113	167	134	134	137
Asmus	143	111	77	96	107
P. J. Hauswirth	97	92	110	108	102
Winterson	81	98	84	109	93
Lambros	61	43	60	61	56
Cochran	58	72	83	57	68
E. J. Hauswirth	56	53	67	50	57
Scott	116	...	...	...	116

PHILADELPHIA.

The Market.

The debutantes, so dear to the heart of our Thorley, have come, commanding our choicest products for their coming-out teas. With them are the October weddings of their elder sisters, and some elaborate dinners, making quite a showing in business for mid-fall. The same accelerating influences have quickened the out-of-town demand, especially for Beauty, valley and chrysanthemums. The same flowers are favorites locally and in addition orchids and cosmos. In chrysanthemums yellow is more plentiful and probably the best seller. The varieties of the Pacific type are fast waning.

S. S. Pennock has two fine new sorts, Lager, an incurved yellow, and Mrs. S. T. Wright, a huge bronze, that brought the record price, $5 a dozen. The Leo Niessen Co. is handling some fine mums, in pink, white and yellow, the latter such sorts as Mrs. Parr, Robert Halliday and Lager, all very handsome. Beauties are in excellent form, while in fair supply. They have been scarce on several days. Carnations have fallen off in price owing to increased receipts and the quantity of other flowers. Valley has been in good supply.

Two Handsome Decorations.

Last Saturday Elihue Root, ex-Secretary of War, and Henry Cabot Lodge, senator from Massachusetts, spoke before a large audience in the Academy of Music. The building was appropriately decorated with bunting, electric lights, greenery and an immense eagle over the stage, the effect being carried out in the national colors. Before the meeting a dinner was given in honor of the distinguished visitors at the Union League. For this dinner the decorations were unusually choice. The circular table nine and one-half feet in diameter was set for eighteen persons. In the middle was a magnificent star in red, white and blue, the center being American Beauty roses, the five points of violets edging lilies of the valley, finished with ferns. Above, the chandelier was tastefully festooned with orchids. The sides of the room were banked with plants. These decorations were arranged by the Wm. Graham Co.

The Flower Market.

The second annual meeting of the stockholders of the Philadelphia Wholesale Flower Market was held in the secretary's room in Horticultural Hall last Monday morning. There was a good attendance, Wm. K. Harris presiding. The reports of the secretary and treasurer were read and adopted. The three retiring directors, Alfred Burton, David Rust and Herbert G. Tull, were unanimously re-elected. After the meeting a choice of stalls was sold at auction in the market, 1235-1237 Filbert street. Wm. K. Harris was auctioneer. So well did he do his work that the sale realized more than double the amount obtained last year. John Burton secured first choice.

A New Store.

F. & H. Merganthaler, wholesale growers of Bride, Bridesmaid and Kaiserin roses, will open a store on Germantown avenue, just below Chelten avenue, on or about November 1. The store, with greenhouse attached, is now in course of erection and promises to be neat and well equipped. It is directly opposite William Berger, whose success has probably inspired the new enterprise. It is to be hoped that healthy competition will attract plenty of business for both florists in this Germantown center.

The Work of John P. Cleary.

The two days' auction sale of plants held last week at Robert Craig & Son's realized fair prices, averaging, it was said, about ten per cent lower than last year. Buyers were not so plentiful, many of those who bought freely a year ago being stocked up. Bidding was at times discouraging, it being impossible to secure good figures from a crowd who did not care whether they got the stock or not. Under these circumstances the work of the auctioneer, John P. Cleary, shone out brightly. On the first afternoon, when the crowd increased to fair proportions and began bidding up a desirable lot of plants to full wholesale prices, he adroitly shifted them to the large palms for an hour, obtaining thereby fair value for the most valuable items on the list. A large amount of stock was sold at what, considering the bad weather and moderate attendance, may be termed fair prices on an average.

Various Notes.

Hugh Graham had an elaborate wedding at Bala last Saturday, including house and church. A feature was the bridesmaid's bouquets of pink chrysanthemums trimmed with paper in the old-fashioned way. A wedding anniversary at Oak Lane on Monday and a wedding at Chestnut Hill on Wednesday have kept him busy.

Robert Scott & Son, of Sharon Hill, are sending a few nice Florence Pemberton and Killarney roses to Samuel S. Pennock.

The Flower Market is receiving some nice chrysanthemums in three colors, also Enchantress carnations.

H. H. Battles has been busy with weddings and debutantes' teas, the latter chiefly out of town, so far.

Eugene Weiss is contemplating a new propagating house at his place at Hatboro.

Joseph Heacock has experienced a strong demand for large kentias.

Pennock Bros. have been doing a lot of decorating for weddings and debutantes' teas.

Samuel J. Bunting, though engaged in other fields, is still operating his greenhouses at Fifty-eighth and Elmwood avenues.

George Craig has his Eleventh street store and windows very attractively decorated.

Edward Reid, the fortunate possessor of fine Flora Hill carnation plants, can carefully pack a nice shipping order, recite "Robin Hood," exhibit his extra select valley and "josh" Phil, all at one and the same time.

The Philadelphia Cut Flower Company reports a steady increase in shipping orders.

Robert Crawford, Jr., was busily engaged in making up old-fashioned bouquets with paper edging last Saturday.

Charles Meckey, of Tioga, is sending in some nicely grown chrysanthemums in pots.

Henry Weiss, of Hatboro, has returned from Seattle and the Klondike. He talks of going west again in the winter.

Charles E. Meehan spent a pleasant afternoon lately with Jasper Lorimer on his farm at Croydon.

George Anderson reports his stuff in good shape for the winter.

Stephen B. Green is representing M. Rice & Co. throughout Philadelphia and district.

The Henry F. Michell Co. has solved the problem of how to utilize air space. They are putting two rooms, each six feet high, in place of one room twelve feet high, for their packing and shipping department at the back of the store.

Walter C. Baumann, one of the very few florists who has prospered in Roxborough, reports business just opening in that suburb.

Miss Burrell was married to J. Liddon Pennock, junior member of the firm of Pennock Bros., on Tuesday evening at the West Walnut Street Presbyterian church. Many prominent florists were present.

John G. Gardiner gave his ideas about hardy phlox at the meeting of the Pennsylvania Horticultural Society Tuesday evening. PHIL.

PAINESVILLE, O.—Carl Hagenburger, of West Mentor, is building a store and greenhouse here and will be ready to open for business in a few days. He already has a branch store at Madison.

FLOWER SHOW

The World's Fair Flower Show Association.

WRITE FOR PREMIUM LIST

WILL HOLD UNDER THE AUSPICES OF THE

Louisiana Purchase Exposition

A GRAND NATIONAL

CHRYSANTHEMUM, CUT FLOWER and PLANT SHOW

In the Horticultural Building, World's Fair Grounds, at

ST. LOUIS, NOVEMBER 7th TO 12th

VERY LIBERAL CASH PREMIUMS ARE PROVIDED IN ALL CLASSES.

ALL EXHIBITS will be passed on by the regular WORLD'S FAIR JURORS, and Medals awarded as exhibits may deserve. In addition, the HENRY SHAW GOLD MEDALS are available under the usual rules governing same.

WRITE FOR PREMIUM LIST

EXECUTIVE COMMITTEE.
Philip Breitmeyer, Leonard Kill,
E. G. Hill, W. N. Rudd,
Elmer D. Smith, Fred C. Weber,
J. C. Vaughan, Chairman.

DIRECTOR:
Philip J. Hauswirth,
227 Michigan Ave.
CHICAGO.

Mention The Review when you write.

BOSTON.

The Market.

While prices of roses and chrysanthemums have softened somewhat during the past week, the market has cleaned out in a very satisfactory manner. Prices of lower grade Brides and Bridesmaids have taken a slump, a good many being disposed of at $1 per hundred, while we heard of some going as low as 50 cents in one of the markets. Good flowers still sell well, the demand for weddings, funeral work and social gatherings being excellent. Short-stemmed Beauties bring $4 and $5 per hundred and $25 seems to be about the other limit. Chrysanthemums vary all the way from 50 cents to $2.50 per dozen, a few fancies going a little higher. The quantity of these now coming in is quite large.

Carnations seem to hold their own wonderfully well and even a heavy output of chrysanthemums seems unlikely to materially affect prices on them. Enchantress is the leader and $4 has readily been paid for it. A few extra fancies brought $5 and good stock has brought $2.50 to $3 per hundred. Lawson and Harry Fenn are coming extra fine, the best reaching $4. Violets are increasing in quantity. One grower stated that he brought in 60,000 last week. Prices vary from 40 to 75 cents. Prices on asparagus and fern remain about the same.

Death of Arthur Hunnewell.

Arthur Hunnewell, eldest son of the late H. H. Hunnewell, of Wellesley, died very suddenly of heart disease October 17. He was born in Boston in 1845. His beautiful estate at Wellesley, adjoining that of his brother, Walter, is well known to horticulturists from all parts of America.

REMEMBER THAT ALL

WABASH

Trains to St. Louis pass and stop at the World's Fair main entrance, where the Wabash has its own magnificent station with every facility for rapid handling of passengers, baggage and express. No other line lands you nearer than the Union Depot, six miles from the grounds.

This hint may be valuable to exhibitors at the **Great World's Fair Flower Show,** Palace of Horticulture, St. Louis, Nov. 7-12.

For time cards and rates address

F. A. PALMER, A. G. P. A.

79 Adams Street . . . . CHICAGO

Mention The Review when you write.

Various Notes.

Local growers report that a continuance of bright weather will be necessary to properly finish their blooms for the coming chrysanthemum exhibition. Growers of specimen plants are also of the opinion that the opening date may prove a trifle early for some varieties. President Herrington, of the C. S. A., has appointed the following committee to cooperate with the committee of arrangements of the Massachusetts Horticultural Society at the coming exhibition: William Nicholson, chairman; W. W. Edgar, Alexander Montgomery, Elijah A. Wood and Kenneth Finlayson. The intending exhibitors would confer a favor by notifying the secretary at Horticultural Hall, Boston, on or before November 1 respecting their exhibits and probable space needed. Entries are already coming in, to W. P. Rich, the secretary.

YOU are the JUDGE. If YOU are Looking for

Chrysanthemums!

Or Other Flowers You can get what You want at

E. H. HUNT, --76-- Wabash Ave., Chicago, Ill.

Mention The Review when you write.

At the monthly meeting of the Gardeners' and Florists' Club on October 18, satisfactory reports were received from the various committees in regard to the entertainment of visiting members of the C. S. A. A banquet will probably be decided upon. Members of the two flower markets are also co-operating.

J. K. M. L. Farquhar arrived home from his European trip on the Oceanic October 12. He reports a very enjoyable business outing. The coming exhibition will now demand a good deal of Mr. Farquhar's attention.

Peter Ball, the well known florist, opened a store in Malden on October 15. The opening was most auspicious and we have no doubt that it will prove a money maker for him.

The funeral of E. S. Spaulding, chairman of the selectmen of Lexington, on October 16, was the occasion of a fine display of flowers. N. F. Comley made up some very handsome pieces.

At the new market stock continues to clean out nicely. Messrs. N. F. Comley and Pater are sending in the best violets, several thousands a day each. Fair Maid, Queen and Lawson are reported the best selling carnations here. Some nice pansies are also coming in.

W. P. Rich, W. H. Spooner and J. A. Pettigrew attended the exhibition of the Worcester Horticultural Society as a delegation from the Massachusetts Horticultural Society on October 13. They report a fine exhibition and a first-class time.

James Wheeler has great faith in the new pure culture mushroom spawn. His experience with it last year was most gratifying. In a bed spawned on September 21 mushrooms appeared on October 12, which is remarkably quick time.

The gypsy moth continues to attract considerable attention from property owners in the infested sections. A representative gathering of mayors, selectmen, tree wardens and others was held in Boston on October 11 to try and arrange for concerted action. A further conference will be held in November. A mass meeting of Arlington residents, presided over by W. W. Rawson, discussed the same question on October 14. It was voted to ask for an appropriation of $3,000 at the next town meeting to assist in fighting the moths. Dr. C. L. Marlatt, of Washington, who spent three weeks in the infested sections last July, has issued his report. He believes that control of the pests can only be obtained by concerted action over the whole of the extensive infested area.

The directors of the Park Street Market, at a special meeting, awarded a stall to Geo. E. Buxton, of Nashua, N. H. It was felt that, although Mr. Buxton resides outside the state, his goods are of such high class that they would be a benefit to the market. W. Glidden will act as salesman for Mr. Buxton.

S. S. Skidelsky, of Philadelphia, who was in town the past week, pushing the sale of Cardinal and Fred Burki carnations, reports a fine sale for these novelties. He will make an exhibit at the approaching show.

J. A. Budlong & Sons Co., of Providence, R. I., are bringing in some superb Bride and Bridesmaid roses to the Park Street Market, splendid foliage, grand stems and grand blooms.

Quite a variety of chrysanthemums are now to be seen in the store windows. Some of the popular sorts are Willowbrook, Kalb, Robert Halliday, Monrovia, Ivory, October Sunshine, Miss Alice Byron and Mrs. Robinson.

The white sport from Mrs. Coombes submitted to the Boston committee of the C. S. A. on October 15, at the Park Street Market, by A. Herrington created a favorable impression. The flowers were hardly sufficiently developed and we hope to see it shown again, as it has all the ear-marks of a good commercial variety.

Alex. Montgomery is planning for a committee meeting of members of the American Rose Society on the occasion of the coming chrysanthemum exhibition.

William Nicholson thinks that field-grown carnations make the best stock. He is now cutting grand blooms from his new house planted on July 28. Of the new varieties Mrs. Patten, White Lawson and Lady Bountiful are doing finely. Flamingo so far is disappointing. It grows well and is full of flowers, but blooms look sleepy on the plant and are sound asleep twenty-four hours after picking. In whites Wolcott and The Queen are leaders. Eldorado is still the best yellow and J. H. Manley the best commercial scarlet. Enchantress leads in its color, followed by Fair Maid. Harry Fenn and Harlowarden are the best crimsons. Lawson is still the best of its color.

S. J. Goddard reports Enchantress away ahead of a year ago with him, readily selling at $4 per 100 and no complaints of its becoming sleepy. This experience appears to be general. Fair Maid he likes well, but does not consider it in the same class with Enchantress. Lady Bountiful lacks petals early in the season and feels the check of lifting but gives some nice blooms. White Lawson is extra good and will be more grown another season. The Queen is immense, a wonderful producer. Mrs. Patten is very fine and Flamingo just as sleepy, although color, stem and habit are ideal. Marion Buxton, of a lovely soft shade of pink, like old Grace Wilder, is doing finely.

H. M. Robinson & Co. have secured space in Province street for a salesroom of ferns and other greenery.

The Waban Rose Conservatories' new salesroom, opposite Houghton & Dutton, the dry goods merchants, is now open and looks very neat and cozy.

William E. Doyle is having a big call for the new rose, Wellesley, at his stores on Boylston and Beacon streets. Flowers are deep pink in color, edges of a lighter shade and blooms very fragrant.

The Gardeners' and Florists' Club meeting on October 18 brought out an extra large number of members. John K. M. L. Farquhar spoke on European horticultural advancement as seen in his recent trip.

There were some handsome wedding decorations the past week. At the Lowell-Lloyd nuptials at Emmanual church white chrysanthemums were chiefly used. Doyle was the decorator. At the Lawrence-Peabody wedding at Trinity church Bride roses and white chrysanthemums were used to fine effect.

The autumnal tints on trees and shrubs have been magnificent of late. In Franklin park, Boston, the colors have been especially fine. In the parkways and arboretums the berried shrubs are very attractive. Some of the roses, viburnums, among which V. Opulus is very brilliant; loniceras, cratægus and euonymus are especially notable. The nut crop is especially heavy and with the abundance of berries would seem to indicate a severe winter if the predictions of the weather-wise count for anything.

P. Welch, of Welch Bros., states that

We are always at **Your Service.**

Let us hear from you, whatever your wants may be in the line of Seasonable Cut Flowers. Choice stock in all departments and a skillful force of people glad to serve you.

Inexhaustible Supply of Mums.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem....$4.00 to $6.00 per 100.	

	Per 100
Brides and Maids	$2.00 to $6.00
Meteors and Gates	2.00 to 6.00
Liberty	3.00 to 6.00
Carnations, select, all colors	1.00 to 1.50
" large and fancy	2.00 to 3.00
Mums, large, per doz., $2 to $2.50	
" medium " $1.25 to 1.50	
" our selection	12.00
Violets	.50 to 1.00
Valley	2.00 to 4.00
Longiflorums....per doz., $2.00	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns....per 1000, $1.25	.15
Galax....per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.75 to 1.00
Adiantum Croweanum	1.25
Smilax....per doz., $2.00	

Subject to change without notice.

Mention The Review when you write.

there is not a heavy cut of carnations in sight for six weeks and that prices consequently will be firm.

W. N. Craig.

ST. LOUIS.

The Market.

Trade in the cut flower line, as reported, was somewhat better the past week, as a number of social affairs used up quite a lot of choice stock, of which there was plenty at the commission houses.

Chrysanthemums, as usual at this time of the year, are crowding roses and carnations. They are coming in more freely and choice stock is selling well. The top prices are $2.50 to $3 per dozen. Mme. Bergmann and Polly Rose are quite plentiful, also Glory of Pacific and old Gloriosum, of the smaller varieties. The prices asked are $1 to $2 per dozen. By next week the market will be pretty well stocked with all varieties.

Roses are in fair demand and, like the mums, only the choice goods in demand. American Beauties are in big supply just now. Extra choice long bring from $3 to $5 per dozen. Others are as low as $1 to $2 per dozen and a big lot of short-stemmed ones at $4 to $6 per hundred. In Bride, Maid, Meteor, Liberty, Perle and Carnot there is a big supply of good stock. Firsts bring $5 and $6 per hundred, seconds $2 and $3, shorts as low as $1.

Carnations are plentiful and some of them of extra quality. The top price is $2 per 100, and as low as $1. Rose Queen, Flora Hill, Enchantress, Boston Market and Joost are the most looked after this week. Violets are coming better, but yet too small for good sales. The best prices are 25 and 35 cents. The cool weather the past week should improve them greatly.

Valley is fine and plentiful. Outdoor stock, such as cosmos, tuberoses and dahlias, is about over for this season. Smilax looks well and has a good call at 15 cents. Of all other greens the market is in good supply, with a good demand.

Good chrysanthemum plants are not yet to be seen, but the growers, Messrs. Windler, Schray, Sanders and Beyer, say that by next week the stock will be in fine shape.

Club Meeting.

The regular meeting of the Florists' Club was held October 13, President Juengel presiding. Twenty members were present. All convention committees made their final reports and were discharged with thanks. Communications were read from the Detroit and New York clubs thanking the members for the treatment received by their members who attended the convention; also a communication from President Breitmeyer regarding the National Flower Show at the World's Fair.

Two members were elected to membership, Andrew Olsen, of St. Louis, and W. A. Chalfant, of Springfield, Mo. Four applications for membership were filed, by C. C. Sanders, Fred H. Weber, Henry Lohrenz, all of this city, and Swan Peterson, of Gibson City, Ill.

It was decided that at the next meeting of the club a chrysanthemum show would be held in the club rooms, for which the club has offered $50 in prizes. A committee was appointed by the chair to take charge of the management. The committee consists of J. J. Beneke, F. H. Meinhardt, Emil Schray and Theo. Miller. The prizes are open to all chrysanthemum growers. This committee will meet this week and arrange a prize list, which will be mailed to the growers.

There was quite a discussion regarding the disposition of the convention funds left over. This was left open until the December meeting, when it will come up for final disposal.

Swan Peterson, of Gibson City, Ill., was present and gave the boys a talk on carnations, at the same time exhibiting a sample of Gibson Beauty, which was much admired.

W. J. Pilcher, vice-president of the club, was prevented from attending the meeting owing to the death of his mother. The club extended a vote of sympathy.

The question box failed to bring out as lively a discussion as heretofore.

The next meeting of the club should be a hummer. The chrysanthemum exhibition should bring out the largest attendance the club has yet had. This meeting will be on Thursday afternoon, November 10, at 2 o'clock.

Various Notes.

Visitors who belong to the craft and who are spending a few days with us and at the fair are Mr. and Mrs. Rauth, Springfield, Ill.; A. E. Mauff, Denver; Mr. Vesey, Kansas City; Mr. and Mrs. J. D. Thompson, Joliet, Ill.; Mrs. Morat and her daughter, Mrs. Jacob Schulz, Louisville; Swan Peterson, Gibson City, Ill.; Allen McGregor, Springfield, O.; Geo. M. Kellogg, Pleasant Hill.

The Michel Plant and Bulb Co. is to have an auction sale on Thursday, October 20, at 10 a. m., for the disposal of some 2,000 plants of all kinds.

Wm. Schray & Sons received notice that they have been awarded a gold medal for their new canna at the World's Fair. They have named it Superior. It's the only one that is now in full bloom on the grounds.

A. G. Bentzen, on Marcus avenue, has just finished two new houses and reports everything in tip-top shape for the winter season. Mr. Bentzen has a fine lot of palms and Boston ferns.

J. F. Stinson, superintendent of pomology in the Horticultural building, World's Fair, was presented the past week with a handsome gold and enameled medal as a token of esteem from the exhibitors in the Palace of Horticulture.

The city park commission is at a loss as to the kind of trees to plant in City Hall Park, as over half of them have died. Maples and elms have been tried and the oak cannot grow where there are paths and granitoid, as all the roots lie close to the surface. A few suggestions from the outside would help them out of this trouble and no doubt be greatly appreciated.

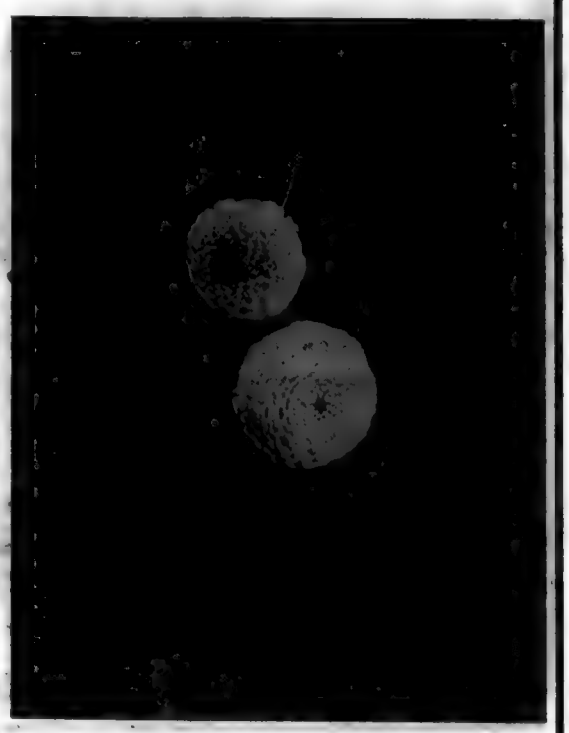
The Simmons Hardware Co. is opening its china department and there are prizes offered for the best table decoration and best arranged bride's reception decoration. Four florists have entered. They are Ostertag Bros., Ellison Floral Co., C. Young & Sons Co. and Miss M. S. Newman. The public is to be the judges by their votes. We hope justice will be done.

R. J. Mohr, late of St. Louis, is now with W. J. Smyth in Chicago. Mr. Mohr is a member of our local club and the members wish him well in his new position.

Robert Beyer surprised the craft by coming down town last week. Some say this is "Bob's" first visit down town since the S. A. F. convention in 1893. His friends hardly knew him. J. J. B.

A1 Dahlias

of all types, Fancy, Decorative, Show, Cactus and Single. The best product of E. S. Thompson, South Haven, Mich., the best grower. Also Thompson's Gladioli. Send us your orders.



Chrysanthemums and Roses of best quality

J.A.BUDLONG

37-39 Randolph Street, CHICAGO.

L. D. Phone, Central 3120. Automatic 9923.

WHOLSEALE GROWER of CUT FLOWERS

Mention The Review when you write.

NEW YORK.

The Market.

There is little encouragement for the wholesale trade in present market conditions and there will not be until summer temperature has departed. A perfect flood of chrysanthemums is now in evidence and there will be a rising tide of the supply of the autumn queen for many weeks to come. While they last the rest of the market will be demoralized. Repetition of specification seems unnecessary. Roses, valley and even orchids share in the general depression.

Various Notes.

The auctions are still in full blast. Tuesday Elliott had his annual "red letter sale," which meant a restocking of retail stores. Dreyer's big sale at Woodside comes on Wednesday and Thursday and the usual sales in the city on Friday make this an "auction week."

A. J. Rickards and John Ringier are both back at headquarters with the Stumpp & Walter Co. after months of successful travel.

H. H. Berger & Co. report an unprecedented fall business and regret their importations were not double the amounts received. They suggest the certainty of a shortage in the supply of Paper Whites, tulips and longiflorums.

J. I. Raynor last week celebrated the sixteenth anniversary of his wedding and his store and handsome new signs indicate a faith in the future that should have due effect upon the many new ships venturing on the wholesale sea. When the wind changes there will be little cause for any firm building its hopes on square dealing to fear the outcome.

A familiar name, one of the old-timers, appears on a store on Twenty-ninth street this week, that of Michael Hart.

A new retailer has come to town from society's summer center, Newport, Jos. Leikens, formerly of the Siebrecht forces, and has located at 7 East Thirty-third street, under the shadow of the Waldorf-Astoria.

Some fine Queen of Edgley are coming to Moore, Hentz & Nash.

Traendly & Schenck report increased shipments out of town and as far west as Rochester, with roses, carnations and violets most in demand, many of the latter going to Washington.

November 14 is chrysanthemum night at the club. President Traendly is especially anxious that early preparations be made by intending exhibitors. Special exhibits of any seasonable flower will also be welcomed at that time. The great show under the auspices of the American Institute will be at its height and visiting florists are requested to arrange for attendance at the club rooms in the Grand Opera House building on that occasion.

John Young is handling daily shipments of Ward's grand new carnations, many novelties among them, including the fine red Robert Craig, which readily commands 5 to 6 cents and which Mr. Young characterizes as a "sensation."

A. H. Langjahr has added a horse and wagon to his many facilities for the convenience of his city customers.

N. Lecakes & Co. have added a cut flower department to their green goods business, with John A. Foley as manager, and are now handling large quantities of smilax and asparagus.

Saltford's big store was overrunning with mums on Monday, four wagon loads being his share of the arriving shipments. He had some superb stock among them, Lager and Glory of Pacific, Halliday Robinson and Adele. He is also receiving splendid Lawsons, some 2,000 daily. As his faithful bookkeeper is Miss Lawson, there is never a day when this variety, in one form or another, is not in evidence.

Charles Millang has a special department of his conservatory devoted entirely to chrysanthemums where they can be shown to great advantage, the electric lighting of his establishment now adding greatly to its conveniences with the rapid shortening of the days.

The retailers are rapidly preparing for the opening of the fall season and already some large weddings have taken place, calling for extensive decorative work.

Thos. Young, Jr., had the Strauss-Hess wedding at Elberon last Wednesday. Manager W. H. Donohue with ten assistants were four days completing the decorations. Two carloads of palms were sent down and orchids, swainsona and several thousand Beauties were utilized in the work.

Bowling.

The New York Florists' Bowling Club has been duly organized and commences its career with a membership of an even dozen, with applications that will swell the total to at least twenty before the end of the present month. The Puritan alleys have been engaged, on West Thirtieth street, near Eighth avenue, and Monday evening has been selected, the club bowling on New York Florists' Club nights in the afternoons, the second Monday of every month. The club dues are $1 monthly and only members of the New York Florists' Club are eligible to membership. The officers are: President, S. S. Butterfield; treasurer, A. J. Guttman; secretary, J. A. Shaw; captain, Jos. Fenrich. All desirous of joining the club are requested to be present at the next meeting, on Monday evening. Lunch is furnished weekly. The following scores were made Monday evening:

Player.	1st	2d
Butterfield	122	129
Traendly	114	137
Shaw	152	127
Marshall	134	125
Guttman	100	147
O'Mara	158	188
Kessler	110	126
Fenrich	139	127
Lang	147	212
Burns	129	126
Pepper	58	75

At the Flatbush alleys on Thursday the best three games rolled are here recorded, Mr. Fenrich, the new member, being responsible for the reported scores:

Player.	1st	2d	3d
Henry Dailledouze	150	165	192
Paul Dailledouze	130	174	185
Wocher	150	148	163
Riley	192	201	178
Fenrich	163	148	172

J. Austin Shaw.

Colorado Springs, Colo.—The El Paso County Horticultural Society has elected the following officers: President, W. W. Williamson; first vice-president Wm. Clark; second vice-president, R. J. Coryell; secretary, F. F. Horn; treasurer, C. B. Lauterman. The society had a nice balance after the August exhibition.

CARNATIONS!

ROSES—BEAUTIES

FANCY MUMS!

Yellow and White, strictly large and fancy, $3.00 per doz.

CHRYSANTHEMUMS!

Smaller grades, $10.00 to $12.50 per 100. All colors at all prices.

VIOLETS—VALLEY

AND ALL

Cut Flowers in Season

Smilax, Leucothoe, Galax, Sprengeri, Asparagus.

Our reputation has always been that we fill orders when others fail.

PRICE LIST.

	Per doz.
AMERICAN BEAUTY—	
30—36-inch stem	$3 00
24-inch stem	2 50
20-inch stem	2 00
16-inch stem	1 50
12-inch stem	1 00
Short stem	per 100, $3 00 to 5 00
	Per 100
Brides and Maids	$2 00 to $5 00
Meteors and Gates	2 00 to 5 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 8 00
Violets	60 to 1 25
Carnations, select, all colors	1 00 to 1 50
" large and fancy	2 00 to 3 00
Mums, large fancy	per doz., $3
" medium,	" $1 50 to 2
Valley	2 00 to 4 00
Asparagus, per string, 40c to 50c.	
Asparagus Sprengeri	2 00 to 3 00
Ferns	per 1000, $1 25–$1.50 15
Galax—Green,	" 1 25 15
" Bronze	" 1 50
Leucothoe	" 6 00 75
Adiantum	75
Smilax	per doz. $1 50

Subject to change without notice.

DURING OCTOBER ONLY.

$15 Worth of Wire Work for $10

Special extra discount of 10 per cent on above rate for orders of $25.00 net to us.

KENNICOTT BROS. CO.

Wholesale Cut Flowers,

40, 42 and 44 Randolph Street, CHICAGO, ILL.

PITTSBURG.

The Market.

Trade has been holding up very well this week, with the exception of one or two days, which were a little quiet. Chrysanthemums have the center of the stage at present and were never more plentiful or as good as this season. Bergmann, Pacific, Estelle and Willowbrook are about cut. Omega, Chalfant, October Sunshine and White Robinson are now on the board and are exceptionally fine. The good ones command fair prices and the poorer ones are sold very cheap.

Various Notes.

The Liberty Flower Market opened a new flower stand in the Liberty Market. The result was a stirring up of things in general and a cutting down of prices, as it is reported that carnations sold two dozen for 25 cents and chrysanthemums at 50 cents per dozen. Some say competition is the life of trade, and it certainly had the effect of making things quite lively out that way.

Jos. E. Bonsall, of Salem, O., who sold out his greenhouses and retail business last spring, could not stand being idle and put up a few houses just to amuse himself, in which he is growing mums and such stock as will be cleaned out before the houses freeze up, as he has not provided heat of any kind. When they freeze up he is going to lock the doors and take his good wife for a pleasure trip to Washington, D. C., Richmond, Va., Old Point and finally to Florida to finish the winter. He says there will be no schedule, but just move about as the humor takes them. Boys, that is what industry, honesty, strict integrity and thrift will bring you if you work at it.

The wholesalers and retailers are about to form bowling teams. They met for the first practice on one of the local alleys last Friday night and all seemed full of enthusiasm about it. If this enthusiasm holds out and some of the boys get over their curiosity about what the holes are in the ball for, and find out that they do not need to throw the ball so that it will drop in the center of the pins, some of the eastern and western friends will have to look to their laurels.

J. B. Murdoch & Co. are completing a very fine refrigerator in their new store and are making things look quite comfortable, as well as making quite a bid for their share of the business.

T. M. Ulam & Co. had quite a rush the latter part of the week in large funeral designs. Tom is a hustler and usually gets his share of the good things going about.

The Blind boys, who recently changed all the roads on their place so as to cut out all grades and give the place a better appearance, are finishing by erecting a large bank barn.

Ernst Fischer, of Castle Shannon, has bought a farm out on the Brownsville road and will move his greenhouse plant to the new location. Thus the Pittsburg smoke drives the cut flower growers farther out every year.

W. A. Clarke spent last Sunday at Crystal farm, visiting Fred Burki. I wish you could hear him enthuse.

Uncle John Wyland is cutting some very fine carnations, which he is sending to the Florists' Exchange.

F. H. Westhoff, of Allison Park, is cutting some very fine carnations.

The Washington Floral Co., Washington, Pa., is consigning the Cut Flower Co. some fine mums and carnations.

Hoo-Hoo.

BEST IN CIRCULATION.

Enclosed find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation; anything else I have you will do the job. Geo. Milne.

Winchester, Mass., Sept. 29, 1904.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By German, as foreman or any work needing a good, steady man; long and well experienced in cut flowers and pot plants. Address No. 53, care Florists' Review, Chicago.

SITUATION WANTED—By an experienced grower, propagator and capable of taking charge or the management of a small florist establishment; middle age, single. Address Wm. Kirkham, 1967 West Madison Street, Chicago, Ill.

SITUATION WANTED—By a sober, industrious, single man; 15 years' experience in floral and pot culture; small commercial or private place in Illinois. Address No. 52, care Florists' Review, Chicago.

WANTED—A middle-aged man, single; must have experience in rose growing and bedding stock; wages $35 00 per month, with board and room to begin with. Kranz Floral Co., Ottumwa, Iowa.

WANTED—A hot water boiler to heat 2,500 feet of glass; state kind and price. Powell's Flower Gardens, Mishawaka, Ind.

FOR SALE—A first-class greenhouse plant, consisting of seven glass houses, including 25 acres of land suitable for town lots, with house and barns; stocked with the best stock and doing a flourishing business; half or whole interest may be purchased. Apply Jas. P. Dean, Minot, North Dakota.

FOR SALE—Greenhouses, perhaps the best paying thing in the Northwest; 4,000 feet of glass; cash only; write for particulars. Lester Park Greenhouse, Duluth, Minnesota.

WANTED—A young, energetic man or salesman and makeup in one of the most up-to-date stores of Chicago; one who is willing to begin at a moderate salary. Address No. 51, care Florists' Review, Chicago.

SITUATION WANTED—By an all-round florist and gardener; single; 12 years' experience. Address John Guenther, Box 133, Lake Mills, Wis.

FOR SALE—400 electrotypes for a complete seed and plant catalogue; also fruit and shrub cuts. Make me an offer; don't apply unless you want the lot. H. W. Koerner, Station B, R. 6, Milwaukee, Wis.

WANTED—At once, competent carnation grower; single; state wages, with room; give references. South Bend Floral Co., South Bend, Ind.

WANTED—The address of John Welch, formerly employed by me. If he will return to New Castle, his old position is open for him. Peter Weiland, New Castle, Ind.

WANTED—An experienced grower of roses and carnations and general bedding stock, sober and reliable and not afraid to work, wanted at once. Robt. Buck & Co., Greenfield, O.

FOR RENT—Or sale, 5,000 feet of glass in a town of 5,000; no competition; not able to work. Lock Box 361, Dunkirk, Ind.

SITUATION WANTED—By a good grower of cut flowers, in vicinity of Chicago; married, best of references. Address No. 46, care Florists' Review, Chicago.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, dwelling and 2½ acres; best location in state; home water system; coal 50 cents per ton. G. L. Tyler, Dubois, Pa.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

WANTED—An experienced grower of roses, carnations, mums, and bedding plants; steady work for a steady worker; must be sober and reliable man; well recommended; north of Chicago. Address No. 38, care of Florists' Review, Chicago.

SITUATION WANTED—As foreman by a first class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 50, care Florists' Review, Chicago.

WANTED—A good all-round gardener for a private place; must understand grape culture under glass and must be temperate; salary, $50.00 per month with 7 room house; Scotch or English preferred. Address, No. 49, care Florists' Review, Chicago.

WANTED—To exchange gilt-edge real estate, valued at $5,500, for greenhouse property in good order. Address No. 37, care Florists' Review, Chicago.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6,000 inhabitants, 85 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

SITUATION WANTED—By an experienced grower, propagator and capable of taking charge of a florist establishment; middle age; single; best of references. Address Florist, 78 Harrison Ave., Boston, Mass.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 44, care Florists' Review, Chicago.

PUBLIC SALE.

Will be sold at public sale on October 29 at 1 o'clock: 9 greenhouses containing 31,000 feet of glass, filled with carnations; 4 acres of land, hot water boilers, 35 miles from Philadelphia on P. S. V. R. R., near Parker Ford Station.

ESTATE OF AARON KEITER.

Wanted— A good, reliable young man, up to date in floral work of all kinds and must be a good salesman for a first-class retail store. Must be able to take care of small conservatory, etc.; state salary wanted and reference from last place; permanent position for right party. **Address No. 43, care Florists' Review, Chicago.**

Situation Wanted

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; can furnish good references.

Address **No. 47,** care Florists' Review, Chicago.

FOR SALE.

Our Greenhouses, planted in Chrysanthemums, Roses and Carnations, besides ferns and miscellaneous stock for propagating, flower pots, delivery wagon, horses, etc.; ground and residence and barn to be leased for ten years or more. The oldest and best established trade in our city of 25,000 people. Reason for selling: Father and Mother too old to carry their extensive retail store in this city, and I have to take charge. Immediate occupation given. Season open Oct. 20. Everything in fine shape. Cash or Credit. Address

A. A. PANTET, Ft. Smith, Ark.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25,900 square feet of glass from 50 to 60 degrees. For further particulars

Address **S. J. REUTER, WESTERLY, R.I.**

CHRYSANTHEMUMS!

A BIG CUT, ALL COLORS, AT ALL PRICES.

CURRENT PRICES, SUBJECT TO CHANGE.

AMERICAN BEAUTY.	Per doz.
30–36-inch stem	$2 50
24-inch stem	2 00
20-inch stem	1 50
16-inch stem	1 25
12-inch stem	1 00
Short stem	per 100, $3 00 to 4 00

ROSES.	Per 100
Brides and Maids	$2 00 to $6 00
Meteors and Gates	2 00 to 6 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 6 00
CARNATIONS—Good stock	1 00 to 1 50
" Large and fancy	2 00 to 3 00

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

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Indianapolis Floral Co.

839 Ft. Wayne Avenue, INDIANAPOLIS, IND.

WHOLESALE

Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED--BULBS.

We want to buy in lots of 1000 to 10,000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

Mention The Review when you write.

500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

WILLIAM CLARK,

COLORADO SPRINGS, COLO.

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BALTIMORE.

"Mum" is now the word. The supply of white is considerably more than the demand. Pink and yellow are less plentiful and nearly all have been sold up to date. Best Kalb, Willowbrook and Estelle have been going at $1.50 per dozen, with smaller ones down to $5 per hundred. Unless they begin to move more freely in the next two days the price will drop considerably. The average quality of all varieties is good. Carnations are about sufficient to supply the demand. Good roses are a little scarce. At 6 o'clock Monday there was nothing to be had at the Exchange excepting mums, every rose of every grade having been sold. Callas and violets are coming in limited quantity and not very good yet. Valley was sold by the street men last Saturday at $1 per hundred, violets, good ones, at 50 cents. It seems to me the growers farther north must be getting much less for stock than the market price here, as the valley and violets came from the north. Violets are wholesaling here at 50 cents. There are still a few outdoor flowers, but the cool nights have a telling effect on them.

There will be an exhibition of mums at the next meeting of the Gardeners' Club, Monday, October 25, 8 p. m. The merits of the various varieties will be discussed. A large attendance is expected.

A. F.

LANSING, MICH.—G. H. Riley and Mrs. Riley are both engaged in the business. Mr. Riley grows lettuce for the local market and Mrs. Riley grows carnations, violets and a few mums. They have just added two houses 14x80, intending to try violets for the wholesale market.

PHILADELPHIA, PA.—John G. Eisele is tearing down his nursery at Twentieth street and Ontario avenue after thirty-five years of activity in growing a general assortment of plants and cut flowers for his local and wholesale trade. Mr. Eisele at one time was the owner of the whole square of ground between Westmoreland street and Ontario avenue and from Twentieth street part way to Uber street. Builders have gradually bought sections of the ground and built dwellings thereon until he is hemmed in on all sides. Mr. Eisele himself has built nine dwelling houses and at present is building six more on Twentieth street, below Bellevue street. He claims there is more money in houses than in growing plants at the present time. Although very busy with his building operations, Mr. Eisele is not retiring altogether from the florists' business, as he is now building an office and three greenhouses of about 3,000 feet of glass next to his dwelling for the convenience of his Tioga trade, which is quite extensive, and also as he says to keep his mind occupied, for he cannot be idle. Mr. Eisele also has a city salesroom on Columbia avenue, which is managed by his son.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE California growers report a good harvest of onion seed.

BURPEE & Co. had their advance wholesale price list in the mails October 15.

VISITED CHICAGO:—Lester C. Morse, of Santa Clara, Cal.; D. L. Sloan, of Palo Alto, Cal.

THE fine weather of the past week has added considerable to the standing seed crops and has been of great benefit in drying out crops that are ready to thresh.

THE seed trade employees at Boston have organized a bowling league, the firms represented being Joseph Breck & Sons, W. W. Rawson & Co., R. & J. Farquhar & Co. and Schlegel & Fottler Co.

IN the vicinity of Chicago a fine crop of Hubbard squash has been harvested. The bulk of it goes into the squash houses to await an advance in the ton price, which growers expect after January 1.

COMMISSION men say the present month has been the best October for garden produce in many years. Cauliflower is especially abundant and the quality of the heads is far above the average.

J. W. DEAL, of W. W. Johnson & Son, Boston, England, is quoted as saying that the black fly which attacked the broad and longpod beans while in flower last summer, made it one of the worst seasons on record for these crops.

OWING to the exceedingly unfavorable, enormously hot and dry weather during the latter part of spring and throughout the past summer, only once interrupted on June 17 by a thorough rain, preceded by a heavy thunder and hail storm which affected very badly part of the more



Freesia Bulbs!

	100	1000		100	1000
First Size, 5/8-in. and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " 3/4-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

delicate crops, the Quedlinburg, Germany, seed crop in general is below middling. —Horticultural Trade Journal.

The damage by wet weather to the Michigan bean crop is not so serious as was feared. The varieties that come out damp after the threshing are not molded and will, in all probability, make good samples when hand-picked. The shrinkage from hand-picking will be heavy.

On October 12 the collector of customs at New York sold at auction 106 cases of Japanese longiflorum bulbs which had been abandoned by the importer. It is stated that they had arrived in a heated condition. The whole lot was sold to a New York seed house for $1 a case.

SEED CROPS AT ERFURT.

Erfurt is one of Germany's centers for seed growing. There are some twenty-five firms engaged in a large way, the practice being to contract with the farmers for most of the crops, so that it is difficult to inspect the whole. The following summary of conditions October 1 is from the Horticultural Trade Journal:

The month of September brought us an agreeable change from the persistent heat and drought which prevailed here during the summer and the seed growers have welcomed a return to more normal conditions. The beginning of the month inaugurated a cooler temperature and some good soaking rains have gone far to save certain crops which had previously seemed doomed to failure.

We are now in a position to judge fairly well of the results of most of our crops, and the following may be put down as quite satisfactory: Lettuce, both cabbage and cos varieties, cabbages, white and red; savoy, Brussels sprouts, beets, leek, parsnip, cress, endive and most of the herbs. Spinach is on the whole satisfactory, the prickly-seeded varieties having yielded the best. Cauliflowers are not quite answering the expectations we formed last month and the crop of Algiers is quite a short one this year. The situation regarding carrots is about the same as last reported, some of the short and half-long sorts are good, others middling, while the long kinds are in most cases likely to yield heavy crops. French beans are giving very unsatisfactory results; a few sorts may yield up to average but many are poor and some very bad. Runners having been a little helped by the rains, will be average to under average. As regards peas, wrinkled sorts are mostly fair, though some kinds, hardly tried by the drought, are decidedly short; blue round peas, on the other hand, have done remarkably well. Radishes are not very good and all varieties will yield under average; owing, however, to large stocks on hand the prices are not likely to advance much; winter radishes will, however, be dearer. Of borecoles the dwarf green curled is rather short in places, but all other sorts are in strong force. In kohl-rabi we have of early and frame sorts a crop from middling to poor, while the late sorts have done well, there is not likely to be any advance in price, however, as there is plenty of seed held over. Cucumbers are yielding below expectations. Mangels have in some cases yielded good crops and the general result is about an average one. Swedes are a bad crop, but the large yields of 1903 will prevent any serious shortage.

In flower seeds we have very good crops of carnations, hollyhocks, chrysanthemums, mignonette, ageratum, calliopsis, etc., while those of larkspurs, godetia and lobelia, as well as the perennials and biennials, such as bellis, single wallflowers and Canterbury bells are mostly up to average. Sweet peas are yielding above expectations and may be reported as satisfactory on the whole. Both large and small flowered varieties of petunia are good and there will be no shortages. Summer varieties of dianthus are poor, owing to the parching heat earlier. Verbenas are still doubtful, while phloxes are fairly good. As before advised, nasturtiums are very scarce, the combined attacks of insects and drought having practically destroyed the plantations. As regards the plants grown on stages, stocks and double wallflowers are not quite so promising as last month, having suffered considerably from the attentions of the black fly.

The greenhouse crops, begonias, gloxinia, cyclamen, calceolaria, cineraria, coleus, etc., have mostly done well, while primulas are only giving moderate results. Pansies have only given a middling crop, owing to the blooming season having been cut short by the intense heat. How the asters, our most important field crop, will turn out, is still uncertain, and all depends on the weather we get during the next few weeks; owing, however, to the hard conditions the plants had to contend with during the period of development, it is safe to say that the crop will be much below average.

Taking a view of the crops as a whole, it must be admitted that the general results are better than any of our growers, during the exceptionally hot and dry summer months, would have been inclined to predict.

D. Landreth Seed Company

BLOOMSDALE SEED FARM

BRISTOL, PA.

WHOLESALE ORDERS SOLICITED

Mention The Review when you write

Garden Seeds and Sweet Corn.

THE EVERETT B. CLARK CO., MILFORD, CONN.

Have just harvested of excellent quality and offer:
TURNIP—Red Flat Strap, Red Top Globe and P. T. Rutabaga.
PARSNIP—Long Smooth, and Hollow Crown.
BEET—Crosby's Egyptian, Edmands Impd., and Dewings B. T.
ONION—Southport Yellow and Red Globe and Selected Y. G. D.

FALL PRICES ON SWEET CORN NOW READY.
☞THE ABOVE IS ALL STRICTLY CONNECTICUT GROWN.

Mention The Review when you write.

MIXING SEEDS TO PRODUCE GRADES.

Seedsmen distinguish the two methods of producing grades as legitimate and illegitimate; even those seedsmen who knowingly sell adulterated seeds admit that such a course is not legitimate. On the other hand, mixing different grades is generally claimed by them to be proper, and, indeed, often necessary if the seedsman is to sell at a price his customers are willing to pay. Mixing seeds of a high grade with screenings clearly lowers its quality, and this is evident to any one who carefully examines the sample, but they argue that no intentional deception is practiced, although the new grade may be well stocked with weed seeds. The seedsman who adds adulterants has, however, a different object in view. He wishes to lower the cost of the seed to himself without injuring its appearance. Such seed is usually sold at a trifle below the market price of the grade for which it is offered, and is an injury to the legitimate trade as well as a fraud on the buyer. Adulterated seed is commonly offered on sample, but is sold usually to those not sufficiently informed to detect the deception.

The most frequent adulterant is yellow trefoil, a great deal of which has been imported into this country, some of it under the name of crimson clover. Most of this will doubtless be used to adulterate red clover seed, since the demand for trefoil seed is insignificant. The plant, although a legume, is objectionable in clover fields because it occupies ground that could be more profitably given to the clover plant and because it does not mature with the clover. The seed so closely resembles that of red clover that as much as thirty per cent can be mixed with the latter without being detected on casual examination. It is greenish yellow in color, and is distinguished by a minute projection in the neighborhood of the scar that marks the point of attachment of the seed in the fruit. Another adulterant sometimes used is the seed of Hungarian grass. The small seeds are used which in size closely approximate the clover. The dark color also readily blends with high-grade clover seed and enables the unscrupulous seller to offer aparently good qualities at prices with which honest dealers cannot compete.—A. J. Pieters, Dept. of Agriculture.

LONG ISLAND CABBAGE SEED

AMERICAN CAULIFLOWER SEED

And other Special Seed Stocks.

Francis Brill - Grower,

Hempstead, L. I., New York.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

We esteem the Review very highly for its Seed Trade News.—Binghamton Seed Co., Binghamton, N. Y.

The Review is all right, the best paper.—C. L. Baum, Knoxville, Tenn.

SUZUKI & IIDA

Chinese Sacred Lilies

Japan-Grown Callas

ON HAND NOW. PRICES ON APPLICATION.

31 BARCLAY STREET,

NEW YORK.

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Thorburn's Bulbs

JAPAN

Lilium Longiflorum

NOW ON HAND.

— ALSO —

LILIUM HARRISII and ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.

Areca Lutescens....at $3.00 per 1000

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

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TUBEROUS BEGONIAS

OUR GOLD MEDAL STRAIN.

We are booking orders for the above, which gave such universal satisfaction last year. Ready for shipment about November 25th.

Write for prices and circular.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

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Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

Now Ready for Delivery

W. W. RAWSON & CO. Arlington Tested Seeds. BOSTON, MASS.

LILIUM HARRISII, LONGIFLORUMS, FREESIAS, BUTTERCUP OXALIS.

W. W. RAWSON & CO., Seedsmen.

12-13 Faneuil Hall Square, BOSTON.

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SPECIAL OFFER

A $15 CASE OF FINE LILIES FOR $10.

We have an extra fine lot of LILIUM HARRISII 5 x 7 and which we offer in original cases of 400 bulbs each at $10 a case. This is a genuine bargain; the stock is exceptionally fine and will please you. Order now.

Henry F. Michell Co. 1018 Market St. **Philadelphia**

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SPECIAL OFFER **DUTCH BULBS** Quick-Selling PRICES

Buy now while the BEST STOCKS ARE AVAILABLE.

TULIPS.	Per 100	Per 1 000
Artus, red	$1 25	$10 50
Belle Alliance, scarlet	2 00	17.50
Chrysolora, yellow	.90	8 00
Crimson King	1 25	10.00
Keizerskroon, red and yellow	1 25	10 50
La Reine, white, extra quality	.75	6 75
Pottebakker, scarlet	1 50	14.00
Pottebakker, yellow	1.25	11.50
Yellow Prince	1.00	9 00
Superfine, single, mixed	.75	6.50

NARCISSUS.	Per 100	Per 1 000
Giant Princeps	$0 85	$7.50
Trumpet Major (single Von Sion), fine bulbs	1 00	9 00
Double Incomparable, yellow	.75	6.50
Alba Plena (double, white)	.75	6 00
Von Sion double, extra quality	1.40	12.50
DUTCH HYACINTHS.		
Single or double, sep. colors	2 75	25 00
Named 60 varieties	4.00	37.00
CROCUS.		
Separate colors or mixed	.25	1.75
Named sorts	.40	3.50

SEND FOR OUR COMPLETE BULB LIST.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

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50,000 FREESIAS! — BERMUDA GROWN

25,000 FREESIA Refracta Alba, ⅜-inch diameter.....per 1000, $2.00
25 000 FREESIA " ⅛-inch " .....per 1000, 4.00
BAMBOO PLANT STAKES—Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc 5 feet and over, ¼ to ⅜ in., per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ in ..... " 3.25; " 6.00; " 11.00.
FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

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WHITE ROMANS

	Per 100	Per 1000	Case
Bulbs 12-15 cms	$2.75	$24.00	2000 for $47.00
Bulbs 13-15 cms	3.25	28.00	1800 for 49.00

ARTHUR T. BODDINGTON, SEEDS, BULBS AND PLANTS, 342 WEST 14th STREET, **NEW YORK**

Mention The Review when you write.

Burpee's Seeds Grow

Always mention the Florists' Review when writing advertisers.

Vegetable Forcing.

LETTUCE.

The season for indoor lettuce will soon be in full swing and preparations should already be under way to meet the demand. Attention should be paid to keeping the plants growing freely and successional sowings should be made as required, this, of course, being regulated by the demand or the space at command.

Time is gained and the returns considerably increased by systematic preparation of the plants, so that as soon as one crop is cut good-sized plants are ready to take the place. In this way at least four crops can be matured in the one season, as the plants need not occupy the benches longer than six weeks. It does not pay to keep the benches waiting for the plants to attain sufficient size before they can be filled. For the bringing on of the plants I prefer to use flats. They can be pricked over into a bench, successfully grown on and transplanted when large enough, but in the flats they are easier handled, the soil dries out better and if the space where they are standing is required they can easily be removed wherever desired.

In sowing the seed it is best to sow rather thinly, so that the plants will be a nice size for handling before they be-begin to get crowded. It is, however, essential that the grower be sure of the germinating qualities of his seed, so that he will know just how thick to sow. It is of the utmost importance that the seed be fresh. Though lettuce seed will retain its germ for three or four years, old seed comes away slowly and weakly plants are produced. These weak plants take much longer to get under way and need considerable coaxing to get them into a healthy, free growing state. So, if old seed is in stock, for all that it costs to procure new, it is poor policy to use it. We hear a good deal about seedsmen mixing the old and new seed. It may be practiced in some cases, but having had some connection with the seed business at one time, I know for a fact that no reliable, established firm would stake its reputation and run the risk of losing trade by stooping to such tactics and that such firms put themselves to a good deal of expense and trouble to insure the quality and reliability of the stock they handle. Cheap seed is dear at any price and I would warn every buyer to beware of the bargain counter article.

After the plants are large enough to handle they should be pricked over, being placed about two inches apart each way. The soil used should be of a free, friable nature, and only moderately enriched with well rotted manure. If too much manure is used the plants will not take so kindly to it and heavy soil dries out too slowly to promote free root action. Water rather sparingly to keep rather on the dry side at first, but increase the supply as the plants attain sufficient size to absorb it. Care must always be exercised that an over-supply of water is not given to avoid souring of the soil and insure quick growth and healthy plants.

Regarding temperature, although the seed may be started at a rather higher figure than is suitable for the after growth, as soon as the little plants are up they should be removed to a temperature not exceeding 45 degrees at night or 65 degrees by day. Under such conditions they will grow faster and make much nicer plants than if grown at a higher temperature. W. S. Croydon.

TORONTO.

Trade during the last week has been good, demand far exceeding supply in nearly all lines. Chrysanthemums are coming in slowly in comparison to the demand but we expect by the end of the present week the supply will be up to, if not exceeding, the demand, as there is apparently a big supply of chrysanthemums in this section. Carnations are very tardy; while stock is good, supply is very limited. Roses are showing up better and, with the advent of a few nice warm days, the supply has increased so as to leave no shortage in that line.

Retail men without exception say that business is equal to and in many cases exceeds last year, notwithstanding the fact that our federal elections are warming up to fever heat and this usually has considerable effect on all class of trade.

D. J.

A LITTLE KNOWN ROSE.

Though but little known, the rose Souvenir de Philemon Cochet is certainly a very attractive variety of Rosa rugosa, not a cross between this species and some other kind as Madame Georges Bruant and Mrs. Anthony Waterer are, for neither of these two last has the characteristic leafage of the true Rosa rugosa, which constitutes much of its charm, such, for instance, as that borne by the pure white semi-double flowered variety, Blanche Double de Coubert. From this last the variety Souvenir de Philemon Cochet differs in the flowers being of an ivory white rather than a pure white tint, while they are also much more double, indeed, the duplex character is more pronounced in the case of this variety than in any other true rugosa that the writer is acquainted with. Despite the fact that Rosa rugosa and its forms are now well known, their merits, I think, are scarcely enough recognized, for they are all of good, sturdy habit, forming neat specimens without any trouble, and flower for a long time, while their foliage throughout the season and their fruits in the autumn are second to no other rose. Added to this they thrive even in smoky districts, where many varieties fail. Such, in short, are the points in favor of Rosa rugosa, whose sturdy habit and formidable spines render it an effective hedge plant. Seedlings, especially of the single kinds, are readily raised.—Gardeners' Magazine.

CATALOGUES RECEIVED.

H. F. Michell Co., Philadelphia, bulbs, seeds and plants; Kohler & Rudel, Windischleuba-Altenburg, Germany, seed novelties; L. Baumann & Co., Chicago, florists' supplies; W. Atlee Burpee & Co., Philadelphia, wholesale seeds; H. A. Terry, Crescent, Ia., peonies; Otto Katzenstein & Co., Atlanta, Ga., American seeds and plants.

Lenox, Mass.—The annual exhibition of the Lenox Horticultural Society will be held October 26. The judges are to be E. O. Orpet and A. P. Meredith, South Lancaster, Mass.; Wm. Scott, Tarrytown, N. Y.; C. H. Totty, Madison, N. J.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

The black walnut is very scarce and inquiry is now heard for quantities for reforesting purposes.

Otto Katzenstein & Co., of Augusta, Ga., have established an office at 273 Broadway, New York City.

Biota aurea will be in good demand shortly for filling winter window boxes, tubs, etc., in exposed places.

The Rossney pear is well thought of wherever it has been tried. It is about two weeks later than Bartlett.

BITTER-ROT OF APPLES.

The bitter-rot or ripe-rot of apples, sometimes called anthracnose, is a disease well known wherever the apple is cultivated, and the fungus which produces it has probably been known since 1854. The damage caused by bitter-rot in America is very great. In 1900 it was estimated that the loss in four counties of Illinois was $1,500,000. The president of the National Apple Shippers' Association estimated the damage to the apple crop in the United States in 1900 from bitter-rot alone to be $10,000,000. "One of the best methods for combating the disease will consist, during the winter, in carefully cutting out all cankers which should be burned at once. All diseased apples on the ground or on the tree should be collected and destroyed. As a further precaution, trees should be sprayed with standard Bordeaux mixture at least once before the buds open, and again frequently from midsummer until the fruit is almost ripe."—Gardeners' Chronicle.

50,000
EXTRA FINE, CLEAN, FIELD-GROWN

CARNATION PLANTS

While they last these will be shipped at the following low prices:

	Per 100	1000
Lawson, pink	$4 00	$35 00
Guardian Angel, pink	3 00	25 00
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 00	25 00
Queen Louise, white	4 00	35 00

George Reinberg
51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

Rocky Mountain TREE SEEDS

WE ARE COLLECTORS OF

Picea Pungens (Colorado Blue Spruce),
Abies Douglasii (Douglas Spruce),
Pinus Ponderosa (Yellow Pine),
Picea Engelmanni (Purple Spruce),
Silver Cedar,
Concolor (Black Balsam),
Juniperus Monsperma,
Also **Aquilegia Coerulea** (Rocky Mountain Columbine).

Will be pleased to quote the trade.

Barteldes & Co., Denver, Colo.

1521 15th Street.

Mention The Review when you write.

T. R. WATSON

1840 **Old Colony Nurseries** 1904

PLYMOUTH, MASS., U. S. A.

		Per 10	100
250	Cratægus aprica, 2 to 3 ft.	$1.25	$10.00
500	Cratægus Arnoldiana, 2 to 3 ft.	1 25	10.00
100	Cratægus Carrieri, 2 to 3 ft.	1.25	10.00
100	Cratægus coccinea, 3 to 4 ft	1.25	10.00
500	Cratægus Crus-gall cut back, 2 to 3 ft.	1.25	10 00
300	Cratægus Crus-gall cut back, 1 to 2 ft.	1.00	8 00
200	Cratægus lobata, 2 to 3 ft.	1.25	10 00
300	Cratægus mollis, 2 to 3 ft	1.00	8.00

Trade list now ready.

Mention The Review when you write.

CALIFORNIA PRIVET—One, two and three-year plants, fine and bushy, $10.00, $25.00 and $30.00 per 1000.

ROSE OF SHARON—Double Pink, 3 years, bushy, $10.00 per 100.

CRIMSON RAMBLERS—Strong, $10.00 per 100. Packing free. CASH, PLEASE.

JAS. AMBACHER, West End, N.J.

Mention The Review when you write.

VAN DER WEIJDEN & CO.,

"The Nurseries," BOSKOOP, HOLLAND,

Have to offer **EXTRA FINE** Blue Spruces (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.

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Dianthus Barbatus	5.00
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Hollyhocks, single, mixed	6.00
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Lychnis Haageana	5 00
Lychnis Chalcedonica	5 00
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	Per 100
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50,000	3 years, 2½ to 3 feet	$3 00	$28.00
50.000	2 years, 3 to 4 feet	2.75	25.00
200 000	2 years, 2 to 3 feet	2 25	20.00
200.000	2 years, 20 to 24 inches	2.00	15.00
50,000	2 years, 15 to 20 inches	1.75	12.00
400,000	1 year, 12 to 18 inches	1.00	8.00
Cuttings, February and March, 8-inch			.75

200 Trees, 3 years, heads 4 to 5 feet.....20c each.

2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

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BUFFALO.

Various Matters of Interest.

Last week was the very reverse of what the poets say we should expect in this lovely month of October. It was dark, gloomy, sloppy and chilly and business was of the same complexion. But a great change has occurred and business awoke with the bright sun. Of course, it is all mums, and welcome they were. Kalb, Midge and Polly Rose give us all the white we want and Halliday and Omega are at their best. Glory of Pacific has to do for pink, but there is room for a good early bright pink. Speaking of chrysanthemums, we called on William Ehmann, of Corfu, a few days ago and found he had 25,000 mums looking very fine. All the leading commercial varieties are represented. A fine bed of Golden Wedding, free from mildew and rust, promises great things. Nothing like it, when it can be grown right. Harry Fishel, once a carnation man, is so in love with chrysanthemums that he has planted all four of his houses with them and is going into the rooted cutting business. D. J. Scott has a bench 7x125 entirely filled with the newer varieties. He must have his eye on the Meldrum show, and from stoutness of stem and size and substance of foliage there are likely to be some large flowers. Charles Phelps has rented the houses of Mrs. Tyrrell lately vacated by Leroy Adams.

Last week we lost one of our oldest florists, James Milley, of Masten street. Mr. Milley was 70 years of age. Born in England, he came to this country forty-two years ago. For some years he had charge of the beautiful grounds, greenhouses and graperies of Myron P. Bush on our glorious Delaware avenue. This place was for years famous for the superb order in which Mr. Milley kept both grounds and houses, but this model place, like so many established in Buffalo's early days, has passed away. Twenty-five years ago Mr. Milley bought vacant property on Masten street and erected five substantial houses, which, with the assistance of his sons, Wm. B. and John Milley, have been devoted to cut flowers in winter and market plants in spring. John Milley is at present with S. N. Pentecost, of Cleveland. One by one the old landmarks pass away, as it was in the beginning and ever shall be.

For several weeks I have quite forgotten to mention that on September 28 there entered into holy matrimony David J. Scott and Edith Brown. As the writer was present, I heard them promise each other all sorts of things and I really believe they will be kept better than the average. The chief mourners present were the parents and grandparents, brothers, sisters, aunts and cousins of the martyrs. A carriage ride of eleven miles on a dark road was undertaken to escape rice and hideous noise from the village youth, and now all is peace and bliss, and may it ever remain so. W. S.

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DES MOINES, IA.

There has been very little glass added this season. Most of the growers are only repairing what they have. J. F. Marshall has torn down one house and replaced it with a larger and more substantial one, using Garland gutters and iron posts. His carnations are in extra fine shape.

Peter Lambert left on October 18 for St. Louis and the World's Fair, and from there goes to Germany with his youngest son, Frank, who is to remain two or three years to finish his education in the old world. The elder Lambert will visit his brother and return in a couple of months.

The parks are looking fine in their autumn attire. The hard maple is the finest coloring we ever saw. A new greenhouse is being built at Union park, thus giving them more room to grow for the entire park system of the city.

Mums are in, but of poor quality, being cut before they are ripe.

There is some talk of organizing a bowling team and practicing this winter, but as yet we are not in shape to report our score. J. F. D. F.

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LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00 to 6.00
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Philadelphia, Oct. 19.

	Per doz.
Beauties, Specials	$2.50 to 3.50
" Extra	2.00
" Medium	1.50
" Short	.75 to 1.00
Queen of Edgely, Medium	1.00
" " Short	.50 to .75
" " Extra	1.50 to 2.00
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" " Specials	2.00 to 3.00
Kaiserin, Firsts	5.00 to 10.00
" Seconds	2.00 to 3.00
Liberty, Firsts	4.00 to 8.00
" Seconds	2.00 to 3.00
Ideal	2.00 to 5.00
Golden Gate, Firsts	5.00 to 8.00
" Seconds	2.00 to 3.00
Cattleyas	40.00
Dendrobium Formosum	40.00
Carnations, Common	.75 to 1.00
" Choice	1.50 to 2.00
" Fancy novelties	2.50 to 3.00
Adiantum Cuneatum	.75 to 1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	35.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Valley	2.00 to 4.00
Smilax	10.00 to 15.00
Gardenias	25.00
Chrysanthemums, Ordinary	6.00 to 8.00
" Select	10.00 to 15.00
" Fancy, per doz.	3.00 to 4.00
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"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	3.00 to 4.00
" "	Extra	1.50 to 2.00
" "	No. 1	.75 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		30.00 to 40.00
Carnations, Common		.25 to .50
" Selects		.75 to 1.00
" Fancies		1.00 to 1.50
" Novelties		3.00 to 5.00
Adiantum Cuneatum		.25 to .50
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Asparagus Plumosus, Strings		25.00 to 50.00
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Boston, Oct. 19.

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" Short Stems	6.00 to 8 00
Brides, Specials	5.00 to 8.00
" Seconds	1.00 to 3.00
Bridesmaids, Specials	5.00 to 8.00
" Seconds	1.00 to 3.00
Carnots	4.00 to 8.00
Carnations, Specials	3.00 to 4.00
" Select	1.50 to 2.00
Chrysanthemums	5.00 to 20.00
Violets, Single	.50 to .75
Lily of the Valley	2.00 to 4.00
Pansies	.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays, bunch	.50
Smilax	8.00 to 10.00
Adiantum	.50

Buffalo, Oct. 19.

	Per 100
Beauties, Specials	$20.00 to $25 00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3 00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 6.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7 00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4 00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	2.00 to 4.00
Chrysanthemums	5.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8 00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.30 to .60

AM very much pleased with the results of the advertisement; at present have no stock to offer.—WM. A. FINGER, Hicksville, L. I., N. Y.

THE more we advertise in the REVIEW the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement.—WM. BIERSTADT & SON, Springfield, Ill.

National Florists' Board of Trade

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HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.

EDWARD McK. WHITING, Vice-Pres. and Counsel.

JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

Mention The Review when you write.

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 28th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

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Wholesale and Retail Dealers in all kinds of



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ROSES High Grade cut blooms at all times

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SOUTH PARK FLORAL CO.

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WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

Chicago, Oct. 19.

		Per doz.
Beauties, Long stems		$3.00 to $4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
Shorts	per 100, $4.00 to $5.00	

	Per 100
Bridesmaids, Specials	$4.00 to $6.00
" Firsts	2.00 to 3.00
Brides, Specials	4.00 to 6.00
" Firsts	2.00 to 3.00
Liberty, Specials	5.00 to 6.00
" Firsts	2.00 to 4.00
Golden Gate, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Chatenay	3.00 to 6.00
Carnations, Select	1.00 to 1.50
" Fancy	2.00 to 3.00
Chrysanthemums, good...per doz.	1.25 to 1.50
" fancy... "	2.00 to 2.50
Violets	.20 to 1.00
Shasta Daisies	.50 to 1.00
Tuberoses	3.00 to 5.00
Easter Lilies ...per doz.	1.50
Gladioli	1.00 to 2.00
Dahlias	1.00 to 2.00
Asparagus, Strings	35.00 to 50.00
" Sprays, ...per bunch,	.25 to .35
Sprengeri, ...	.25 to .35
Ferns ...per 1,000, $1.25	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax ....per doz.	1.50 to 2.00

Cleveland, Oct. 19.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	8.00 to 10.00
" Shorts	5.00
Bride and Bridesmaid	2.00 to 5.00
Kaiserin	2.00 to 8.00
Meteors	3.00 to 5.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Chrysanthemums	8.00 to 20.00
Violets	.50 to 1.00
Smilax	12.50 to 15.00
Cosmos	1.00 to 1.50

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
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Chas. W. McKellar,
WHOLESALE
COMMISSION FLORIST,
And Dealer in
ALL Florists' Supplies,
51 Wabash Ave., CHICAGO.
Long Distance Phone Central 3598.

ORCHIDS
A Specialty
Sixteen years' experience on the Chicago market in handling Cut Flowers of all kinds. A LARGER VARIETY NOW than ever. TRY ME.
Mention The Review when you write.

A Daily Cut from 40 Growers.
We can and will fill your Cut Flower wants to advantage.
Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.
Shipping orders our Specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Most complete line of
FLORISTS' SUPPLIES
IN THE WEST.
CATALOGUE FREE
E. F. WINTERSON CO.
Established 1894.
45-47-49 Wabash Ave., CHICAGO.
Mention The Review when you write.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
Mention The Review when you write.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO
Mention The Review when you write.

Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
55-57 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

The Philadelphia Wholesale Flower Market.

VALLEY—Very choice stock in quantity.
BEAUTIES—We have More and Finer Beauties than can be found elsewhere in the city.
CHRYSANTHEMUMS—Pink, White and Yellow.
DOUBLE VIOLETS—Of finest quality.

GARDENIA FLOWERS ARE NOW BRINGING 25c each. Why not plant some at once? Good 6-in. plants. $6 00 doz; $40.00 per 100.

Come and see the samples or send us your orders, large or small, and we will fill them promptly and carefully.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Oct. 19.

		Per doz.
Beauties,	Specials	$3.00 to $5.00
"	Extra	1.50 to 2.00
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$5.00 to $8.00
" "	Extra	3.00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		5.00 to 8.00
Golden Gate		4.00 to 6.00
Kaiserin		5.00 to 6.00
Liberty		4.00 to 6.00
Meteor		4.00 to 6.00
Carnations, Common		1.00 to 1.50
" Select		2.00 to 2.50
" Fancies		2.50 to 3.00
Adiantum		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.55
Asters		.75 to 2.00
Chrysanthemums, Select		3.00
" Fair		1.00 to 2.00
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Violets		.25 to .50
Dahlias		1.00 to 2.00

Milwaukee, Oct. 19.

		Per 100
Beauties,	Specials	$30.00
"	Extra	25.00
"	No. 1	20 00
"	Shorts	$10.00 to 15.00
Bride and Bridesmaid,	Specials	8.00
" "	Extra	7.00
" "	No. 1	6.00
" "	No. 2	5.00
Cusin		4.00 to 8.00
Mrs. Morgan		4.00 to 7.00
Perle		4.00 to 8.00
Carnations, Common		1.50
" Selects		2.00
" Fancies		5 00
Adiantum Cuneatum		1.00

GREENSBORO, N. C.—James Duffy has opened a flower store in the Benbow block.

Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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DO YOU KNOW THAT THE MOST SUCCESSFUL growers of cut flowers are those who sell their own stock?

Why Don't You? Go see THE FLOWER GROWERS' MARKET, 60 Wabash Avenue, CHICAGO, or address—

PERCY JONES, Manager.

WM. MURPHY

Wholesale Commission Dealer in

Cut Flowers and Florists' Supplies

ROSES, CARNATIONS, MUMS AND VIOLETS ARE NOW ARRIVING.

Special Attention to Shipping Orders.

If you are in the market to buy or sell write or wire

128 E. Third St., CINCINNATI, OHIO.

Telephone M 980. Night Messages W 1191 R.

WIRE WORK of all Kinds for Florists.

C. E. Critchell,

Wholesale Commission Florist,

36 EAST THIRD STREET, CINCINNATI, OHIO.

All orders promptly filled in best possible manner. Consignments Solicited.

Prompt and liberal returns on all consignments.

The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues Our Specialty. Get our figures.

83-91 Plymouth Place, CHICAGO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Oct. 19.

		Per 100
Beauties,	Extra	$15.00 to $25.00
"	No. 1	10.00 to 12.50
"	Shorts	4.00 to 8.00
Brides and Maids,	Extra	4.00
" "	No. 1	3.00
" "	No. 2	2.00
Golden Gate		2.00 to 4.00
Kaiserin		2.00 to 6.00
Liberty		2.00 to 6.00
Meteor		2.00 to 4.00
Perle and Sunrise		2.00 to 3.00
Carnations, Common		1.00
" Selects		1.50 to 2.00
" Fancies		2.50 to 3.00
Asparagus Plumosus, Strings		35.00 to 50.00
" " Sprays		4.00 to 5.00
" Sprengeri, "		2.00 to 3.00
Dahlias		2.00 to 4.00
Gladiolus		2.00 to 3.00
Lilium Longiflorum		8.00 to 12.50
Smilax		10 00 to 18 00
Lily of the Valley		3.00 to 4.00
Chrysanthemums		10.00 to 18.00
Violets		.25 to .50

Pittsburg, Oct. 19.

		Per 100
Beauties,	Specials	$20.00 to $25.00
"	Extra	12.00 to 15.00
"	No. 1	8.00 to 10.00
"	Shorts	5.00
Brides and Maids		2.00 to 6.00
Cusin		2.00 to 4.00
Kaiserin		2.00 to 10.00
Liberty		3.00 to 6.00
Mme. Chatenay		2.00 to 5.00
Carnations		1.00 to 3.00
Adiantum Cuneatum		1.00 to 1.50
Asparagus Plumosus, Strings		25.00 to 50.00
" " Sprays		1.00 to 3.00
" Sprengeri "		2.00 to 4.00
Chrysanthemums		4.00 to 25.00
Lily of the Valley		4.00
Violets		.50 to 1.00
Smilax		12.50 to 15.00
Lilies		12.00 to 15.00

GRAND RAPIDS, MICH.—Eli Cross has eight houses in violets this year, all looking exceptionally well.

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

Solicits your orders with confidence that he can serve you to your entire satisfaction.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

LONG DISTANCE TELEPHONE MAIN 2018 M.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. **CLEVELAND, OHIO.**

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL or MINNEAPOLIS.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. **NEW YORK CITY.**

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

THE NEW

SEASON

..IS NOW..

At HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE. Pres. **DENVER, Colo.**

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, **OMAHA, NEB.**

M. A. BOWE,

1294 Broadway, **New York City.**

J. J. BENEKE,

1220 Olive Street, **ST. LOUIS, MO.**

Always mention the Florists' Review when writing advertisers.

FLOWERS have certain distinctive qualities which make them beautiful. So have RIGHT RIBBONS. Right Ribbons add beauty to beauty when used with flower decorations. Right Ribbons are a harmonious blended combination of rich colors, rich lustre and high quality. We make the Right Ribbons for Florists. Buy direct from us and save all between profits.

The Pine Tree Silk Mills Company
Philadelphia

We make the special GAUZE RIBBON for Florists' use.
RIBBONS in all widths and colors.
Write for samples.
MONARCH—Satin Taffeta—CLIMAX.
CONQUEROR—Metallique Taffeta—CYCLONE.
OFFICE AND SALESROOMS:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

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HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

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NEW CROP SOUTHERN WILD SMILAX, best quality, 25-lb. case $3.50; 50-lb. case, $7.

DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. BRILLIANT BRONZE and GREEN GALAX, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.
WRITE FOR NEW CATALOGUE.
Mention The Review when you write.

WANTS IT AGAIN.

Have overlooked sending you payment for renewal of subscription to the REVIEW, one of the best papers that comes to me. Being unable to do without it, I send you another dollar and ask you to enter my name and send me last week's copy, which I failed to get because I had not renewed in time. W. M. LINDSAY.

WITH MICHIGAN GROWERS.

During the past week I spent a few days in Michigan, visiting some of the greenhouse plants there, and was greatly impressed with the number of houses, also the general appearance of prosperity that was plainly in evidence.

On the way I stopped at Toledo and visited Geo. Bayer's plant, and a very good one it is. His houses, which are 750 feet long, are well worth seeing. Miss Winters, who has charge of the growing, also the retail trade, is one of the few lady growers in this country and the neatness and general excellent quality of the stock grown shows how well she has everything in hand. Chrysanthemums and carnations are the main crop grown. The mums are followed by lettuce and that by tomatoes, making a succession of very paying crops.

At Grand Rapids there are greenhouses and more greenhouses, many of which are used for growing lettuce. We are all acquainted with Geo. F. Crabb. I visited both of his plants and his prospects are good for a very prosperous year. At his new place he has been handicapped by difficulty in procuring glass, so planting was delayed and stock is backward in consequence, but it is on the move now. At his down-town place some very good stock was being cut.

The Grand Rapids Violet Co. has an excellent plant and their Beauties would be hard to beat. They also grow a great many mums, which are rapidly developing.

The Wealthy Avenue Floral Co. grows mostly for the retail trade. Their houses contain an assortment of stock, all in very nice shape.

Henry Smith took me out to his place in the country. Besides the greenhouse business he is largely interested in the growing of fruit. He has a large number of greenhouses and the stock is all looking good, and well advanced. There is a considerable variety of stock grown to supply this retail store, which I am told does the largest business in the city.

Chas. Chadwick is situated pretty far in the country but is well located for the growing business. He has a very good sized plant and is now going largely into the growing of roses, especially Beauty, also carnations and chrysanthemums. He was installing a large 150 horse-power boiler. His prospects for the season are fine and care will produce some fine stock. His new retail store is very nicely fitted up and doing a good business.

I was very sorry that I could not visit the Park Floral Co., also Eli Cross. The former firm is growing a large number of mums and they are of fine quality. After the mums are cut out lettuce takes the place.

Kalamazoo, besides its fame for celery, also boasts some first rate greenhouse plants. Samuel Batson is the proprietor of a very neat plant devoted to carnations mainly, which showed great care and ability. Baby primrose is also grown here in fine shape. Mr. Batson kindly escorted me to the other plants about the city.

At the Central Michigan Nursery Co. plant Mr. Smith, who is in charge, showed us about. A general line of stock is grown and was doing nicely. Mr. Cook is in charge at the retail store.

G. Van Bochove & Bro. have a large range of glass and the stock is in fine shape. Every plant is clean and healthy and showed the skill and care of those in charge. This firm does a very large retail business besides a good wholesale trade.

A firm that has just erected a range of glass is Grofvert & De Smith. They grow carnations almost exclusively and were the best that I saw anywhere. Mr. Grofvert, who is the grower, is a young man and with his ability as a grower, which shows in his stock, he has a great future before him. C. J. O.

MISHAWAKA, IND.—C. L. Powell is building a greenhouse 22x32 and sixteen feet to the ridge.

TOLEDO, O.—Recent visitors were Wm. Dilger, Detroit, and Herman Kenope, foreman at Breitmeyer's, Mt. Clemens.

PACIFIC COAST.

Southern California is the land of the rose. On another page of this issue is shown plants of Gold of Ophir photographed at South Pasadena.

SAN FRANCISCO.

The Market.

September rains still continue and our unusual climatic conditions have knocked the retail florists' business into a cocked hat. Chrysanthemums are being offered in enormous quantities at almost any price. If the weather were more favorable there would be a possibility that the stores could handle a fair per cent of the flowers offered. Major Bonnaffon as fine as it is possible to imagine them can be had as low as $2 per hundred and good whites at half that price. For smaller flowers it is useless to give quotations, as they do not bring any more than the florist feels like offering. These prices, of course, are for outdoor stock, and growers who had the misfortune not to have had any extra early stock, but are harvesting their blooms now, will not be able to get remunerative prices. During the past week I have inspected over a dozen of the largest growing establishments and the crops are in the pink of condition.

With carnations we have an abundance and, although the stems are rather short, the flowers are good. Prices have declined somewhat. Enchantress is being offered in fair quantity, and it is one of the best sellers.

There is a momentary lull in the demand for roses. We have quantities of Brides and Maids offered and unless the quality is extra they can be had at the buyer's price. Lilium longiflorum costs the stores $1.50 per dozen, and although the stems are rather weak, the flowers are good. Late blooming amaryllis and tuberoses help to make up a variety, and valley remains in fair supply and fair demand.

Regarding business, funeral orders are not as lively as they were a week ago, but we have an occasional wedding decoration to console us. The prospects are good for the fall trade if the clerk of the weather can arrange so that we will have a few days' sunshine.

Various Notes.

N. Synacopulos, the well-known Oakland florist, has placed his store in the hands of his nephew and will devote his time to the decorations of the cars of the Pullman Co., the contract for the taking care of which he has for the coming season.

P. J. McDonnell, of Alden, is cutting some extra fine Estelle at present. G.

A PECULIAR SEASON.

The unusual rains in the vicinity of San Francisco for the past two weeks have changed our season somewhat. Narcissi are almost ready to bloom and daffodil bulbs have made quantities of roots. This is not alone due to the rainfall, but to the unusually warm weather that followed it. If we were sure of an absence of frost for two months to come it would be possible to harvest our crop of narcissi and early daffodils without any loss. But seasons such as we are having at present are usually followed by heavy frost and dry northeast winds and I have seen many acres of bulbs completely destroyed because they were started growing too early in the winter season, either by rainfall or artificial watering.

A new but probably short lease of life has been offered our outdoor stock such as gaillardias, coreopsis, dahlias and cosmos and we are cutting better flowers than I ever remember seeing at this time of year in California.

With hard-wooded nursery stock the effect was much the same, although I do not consider these unusual late rains of any value. Roses have commenced to make a soft growth such as we see in the early spring and when our season arrives for transplanting them, considerable pruning will be necessary to keep them in a hardy, dormant condition. I have seen dozens of cherry and plum trees in bloom and this is nothing in their favor, as our heavy frosts of November, December and January are bound to cut them badly.

We have a habit in California of whitewashing our greenhouse glass generally about the first of May, and as we usually have no rain until the following November we allow the wash to remain the entire summer. But several of our largest growers have had to re-whitewash half a dozen times within the past month, as stock that has been grown in shaded houses will not stand the fiery sun's rays that have been visited upon us between our September and October showers.

Although not strictly in the line of the florists and nurserymen I might mention that many thousands of dollars' worth of damage has been done to the raisin, prune and other dried-fruit industries, to say nothing about the hundreds of tons of wheat still in the fields.

Although in the parlance of the grower this makes what is termed a "long season," I have not noticed that such seasons are always desirable, as the California public from time immemorial do not begin to place their orders with the growers much before the first of December and we are liable to have a few weeks of dry spell during that month to make up for the superabundance of rain now. However, a little extra water is preferable to not quite enough, and we may have a record-breaking season after all. G.

Sioux City, Ia.—J. C. Rennison has just completed what he believes to be the largest greenhouse in this part of the state. It is 35x248.

100,000 Carnation Rooted Cuttings

NOW READY.

	Per 100	Per 1000		Per 100	Per 1000
Lawson, pink	$1.00	$10.00	Golden Beauty, yellow	$1.00	$10.00
Mrs. Joost, pink	1.00	10.00	Harlowarden, crimson	1.00	10.00
Queen Louise, white	1.00	10.00	Norway, white	1.00	10.00
Wolcott, white	1.00	10.00	White Cloud, white	1.00	10.00
G. H. Crane, scarlet	1.00	10.00	Flora Hill, white	1.00	10.00
Estelle, scarlet	1.00	10.00	Genevieve Lord, light pink	1.00	10.00
Prosperity, fancy	1.00	10.00	Viola Allen, variegated	1.00	10.00

CASH or C. O. D., with privilege of examining. Express prepaid at above prices.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

Boston Ferns

Nice, clean stock, from 2¼-inch pots, $5.00 per 100; 3-inch pots, $8.00 per 100.

Cut from the bench, suitable for 4-inch, 5-inch, 6-inch pots, at $15.00, $20.00 and $25.00 per 100.

Araucaria Excelsa,

5-in. pots, 3 to 4 tiers, 50c each or $5.00 per doz.

Ocean Park Floral Co.

E. J. VAWTER, President. **Ocean Park, Cal.**

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

Here is the dollar; we must have the Review; it pays.—T. G. Yale, Wellington, O.

Here is another dollar; the Review fills the bill for all that's needed.—T. L. Eagle, Coffeyville, Kans.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6 in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6 in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12 00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Cocos Weddelliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus nanus—3-inch, strong, $6 00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cycas Revoluta—6 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in 25c to 35c; 4-in., 20c; 7-inch specimens, 75c to $1 00 each; 8-inch pots, as big as a bushel basket, $1 25 each.

Piersoni Ferns—5, 5½ to 6-inch, 30c, 40c to 50c.

Areca Lutescens—Made-up plants large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—4-inch, bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—For dishes, $1.00 per doz.

Primula Chinensis for Xmas blooming, Rupp's best strain, 4 in., $8 00 per 100.

Solanum or Jerusalem Cherries, full of fruit, large, bushy plants, 5½ to 6 inch pots, from $2 00 $2 50 to $3.00 per doz. Capsicum annuum or Xmas peppers in fruit, 5-inch $2.00 per doz.

Just arrived per steamer Switzerland, 30 cases of Azalea Indica, best American varieties. I am noted for importing the choicest of Ghent's cream. Prices: 40c, 50 , 60c 75c to $1.00 each.

One of 100 different testimonials:

CINCINNATI, OHIO, Sept. 29, 1904.

MR. GODFREY ASCHMANN:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY, 813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants
Bell Phone Tioga 3669A.

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VIOLETS

A 1 stock from 3-inch pots, also field grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Sweet Alyssum—for winter blooming, 2-inch, 3c.

Plumosus Nanus—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.

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Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS,
ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 Kingsley St. Dorchester, Mass.

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Always Mention the....

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When Writing Advertisers.

Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.	per 100,	$3.60	**Asparagus Plumosus Robustus**	per 100,	$4.00
Lilium Harrisii, 7-9-in.	"	8.00	**Asparagus Plumosus**	"	3.00
Hyacinths—Roman White, 12-15 cms	per 1000,	24.00	**Asparagus Sprengeri**	"	2.50
Hyacinths—Single Dutch, named colors	"	26.00	**Pteris Tremula**	per 100,	2.50
Narcissus—Von Sion, select.	"	12.00	**Pteris Argyrea**	"	2.50

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes, 2½-inch pots, 6–8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8 00 per 100.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquiniæflora, grand for winter pot plants. 3 inch, $8.00 per 100. 4-in., $12.00 per 100.

Deutzia Gracilis, for potting, 12 to 15-inch, $6 00 per 100; 15 to 18-inch, $8.00 per 100.

Latania Borbonica—
24-in., 5 to 7 leaves, 7-in. pot... $1.00 each.
28 in., 6 to 8 leaves, 8-in. pot... 1.50 "
28 to 30-in., 7 to 9 lvs., 10-in. pot, 2.50 "

Cycas Revoluta—
" " 10 to 12 leaves. 1.00 "
" " 12 to 15 " 1.50 "

Deutzia Lemoinei, grand for pots, 15 to 18 inch, $8.00 per 100; 18 to 24 inch..... $10.00 per 100.

Chinese Primulas, Alba and Rosea, 2½-inch pots..... $2.00 per 100

Primula Forbesi, 2½-inch pots..... 2.00 per 100

The Storrs & Harrison Co., Painesville, Ohio.

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ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch..... **per 100, $2.00** **per 1000, $15.00**
Strong, 3-inch..... **per 100, 3.00** **per 1000, 22.00**

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

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MERSTHAM YELLOW.

Scored 90 points October 1st.

The finest early yellow Chrysanthemum in sight. 50c each; $5.00 per doz.; $35.00 per 100.

Order Now for January delivery.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6 00 per 100. **Marovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

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CARNATIONS

EXTRA LARGE, CLEAN STOCK.

Lawson, Louise, White Cloud, Prosperity, Floriana and Estelle at 4½c or $40.00 a 1000. Crocker, 3c or $25.00 a 1000.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

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Carnation Plants.

ETHEL CROCKER—Large first size plants, per 100, $4.50; per 1000, $40.00.

ELDORADO—Large first size plants, per 100, $4.50; per 1000, $40.00.

MRS. JOOST—Second size plants, short and bushy, per 100, $3.00; per 1000, $25.00.

SMILAX PLANTS,

2-inch, strong and bushy, $3.00 per 1000.

Lakeview Rose Gardens

JAMESTOWN, N. Y.

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas 3-in., $4 00 per 100. Primula Sinensis, 3-in., $3 00 per 100; 4-in., $6.00 per 100.

Boston Ferns, 5-in., strong plants, $20.00 per 100; 6 in., $25.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

Always mention the Florists' Review when writing advertisers.

ROCHESTER, N. Y.

For so early in the season business may be considered quite active; at any rate it is not always an easy task to procure the necessary stock to fill orders, our home supply being especially short. Carnations are unusually scarce, for some unknown reason. The growers lost a good many plants from stem-rot, as it was such a wet, cold season, and had to have plants shipped in to fill the houses. It will take these growers some time to get their stock into bloom, which in part accounts for the light supply at present. The market now is $1.50 to $2.50 per hundred, Enchantress bringing the latter figure. Roses are bringing from $1 to $6 per hundred. Chrysanthemums are now available and find ready sale.

H. Merritt, at Irondoquoit, has had a good cut of carnations this fall, his Enchantress being especially good. H. E. Wilson takes his entire cut.

N. James reports business good, especially funeral work. His carnations are in fine shape and give promise of excellent crops. M.

Kenosha, Wis.— H. D. Kamp has gone out of the florists' business and removed to Buffalo.

I want to renew my subscription for the best florists' paper published.—R. L. Burgoyne, Danville, Ill.

Davenport, Ia.—Otto Klingbiel has given a trust deed to Rose Woltmann, covering all his property, for the benefit of creditors. The liabilities are said to aggregate $5,854.

Wellington, O.—T. G. Yale says trade was good all spring and summer up to August; then it was dull until the first of October, when it began to pick up again. Carnations and mums are fine.

FLORA HILL

3000 Extra Strong Field-grown Plants of Flora Hill Carnation at $5.00 a 100.

EDWARD REID,

1526 Ranstead St., PHILADELPHIA.

Mention The Review when you write.

No. 1 FIELD-GROWN CARNATION PLANTS

Queen Louise	$4.00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

FIELD-GROWN CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is

....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

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TO CLOSE OUT.

Field-Grown Carnation Plants.

We offer the following at $40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. **Chicago.**

Mention The Review when you write.

CARNATION PLANTS,

Field-grown, FINE, HEALTHY stock. No stem-rot.

		Per 100	Per 1,000
10 000	Lawson	$5.00	$45.00
10,000	White Cloud	5.00	45.00
1,500	Nelson	5 00	45 00
7,000	Prosperity	5.00	45.00
1,000	Glacier	5.00	45.00
600	Norway	5.00	45.00
300	Adonis	5.00	45 00
450	Fair Maid	5.00	45.00
500	Floriana	5.00	45.00
800	Dorothy	5.00	45.00
250	Elma	5.00	45.00
100	Gaiety	5.00	45.00
350	Mrs. Bradt	5.00	45.00
150	J. H. Manley	5.00	45 00
250	Harry Fenn	5 00	45.00
150	Pres. McKinley	5.00	45 00
350	Boston Market	5 00	45.00
350	Gov. Wolcott	5.00	45.00
	G. H. Crane	4.50	40 00
	Gen. Gomez	4.50	40 00
	Gen. Maceo	4.50	40.00

Ferns Piersoni, 2¼-in., $8.00 per 100; Boston Ferns, 2¼-in., $5.00 per 100; 3-in, $8.00 per 100; 4-in., $15.00 per 100. Ready to be shifted.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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CARNATIONS Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

Mention The Review when you write.

Fred Burki is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA. S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

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A'ways mention the Florists' Review when writing advertisers.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red:		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
ESTELLE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bargain in Kentias

IN ORDER TO MAKE ROOM, WE MAKE THE FOLLOWING LOW PRICES

The Best Stock in the Country

MADE-UP KENTIA FORSTERIANA

4-in. pots	3 plants in pot	15-in. high	each,	$0.25
5 "	3-4 " "	18 "	"	.50
7 "	3-4 " "	24 "	"	1.50
8-in. tubs	4 plants in tub	4-4½ ft. high	"	4.50
9 "	4 " "	5-5½ "	"	6.50
10-in. tubs	4 plants in tub	6-7 ft. high	each,	$12.00
12 "	4 " "	8 "	"	15.00
16 "	4 " very stocky.	8 "	"	$25 to $35
18 "	5 "	10 "	"	$35 to $45

SINGLE PLANTS—FORSTERIANA

8-in. pots	6-7 leaves	4½ ft. high	each,	$4.50
10-in. tubs	6-7 "	5½ "	"	7.00
12 "	8 "	6 "	"	12.00
14-in. tubs	8 leaves	7-ft. high	each,	$20.00
16 "	8 "	8 "	"	25.00

SINGLE PLANTS—BELMOREANA—SPECIAL

5-in. pots	5-6 leaves	15-in. high	each,	$0.35
6 "	5-6 "	18-20 "	"	.60
7 "	6-7 "	24 "	"	2.50
8-in. pots	6-7 leaves	36-in. high	each,	$3.50
9 "	6-7 "	48 "	"	4.50
10 "	7-8 "	4½-5 ft. "	"	$10 to $15

LIVISTONA ROTUNDIFOLIA

4-inch pots, 7 to 8 leaves, 6 to 7 inches high, 50c. to 75c. each.

JULIUS ROEHRS,

EXOTIC NURSERIES,
RUTHERFORD, N. J.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $5.00; Estelle, $5.00; Alba, $5.00; Lawson, $5.00; Queen Louise, $4.00; Manley, $4.00; Lord, $4.00; Lorna, $4.00; Glacier, $4.00; America, $4.00; Joost, $4.00; Gomez, $4.00; Marquis, $4.00; Mermaid, $4.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

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150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Mrs. E. A. Nelson	pink	6c
Enchantress	light pink	10c	Floriana	pink	5c
Chicago	red	6c	Ethel Crocker	pink	5c
Flora Hill		6c	Eldorado	yellow	5c
Lorna		6c	Oriole	scarlet	5c
Harry Fenn		6c	Mermaid	pink	5c
Wm. Scott		5c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

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ASPARAGUS Plumosus Nanus Seedlings

Strong Plants, ready for 2 inch pots, $12.00 per 1000, prepaid.

DRAKE POINT GREENHOUSES

YALAHA, FLA.

Mention The Review when you write.

CHAS. GAY, —THE— ROOTED CUTTING SPECIALIST

Ready Now—Geraniums—S. A. Nutt, La Favorite, Jean Viaud, Perkins Poitevine, Ricard, A. H. Trego, $1.50 per 100 prepaid.

Let me know what you want in Carnations, Feverfew, Fuchsias, Lantanas, Heliotropes, Marguerites, Salvias and Verbenas. Cash please.

DES MOINES, IOWA.

Mention The Review when you write.

Always Mention the....

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When Writing Advertisers.

I HAVE 50,000

Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10.00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson, pink	6.00
Prosperity, variegated	6.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	10.00
Fair Maid, pink	6.00
Bradt, variegated	6.00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Ficus, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Pansy Plants.

Large flowering, 60c per 100; $2.50 per 1000. CASH.

JOS. H. CUNNINGHAM, DELAWARE, O,

Mention The Review when you write.

Field-Grown

Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
HIGINBOTHAM	4.50	40.00
LAWSON	6.00	.....

ROSE PLANTS.

	Per 1000
3½-in. **Gates and Brides**, fine stock	$30.00
2½-in. **Maids**, fine stock	20.00
2½-in. **Stevia**	18.00
2½ in. **Mums**	18.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Mention The Review when you write.

WEST GROVE, PA.

Had Mr. Conner and Phil, when they came out from Philadelphia recently, had a little more time they would have found three establishments each of about 7,000 feet of glass, where cut flowers and plants are grown well enough to be interesting.

Benjamin Connell grows ferns in quantity and with great success; also violets and carnations for cut flowers.

Roney Bros. grow bedding plants and carnations, their red seedling carnation, an improved Portia, being especially interesting. They also have a house of tomatoes, an improved Lorillard.

J. Morris Cooper is an extensive grower of mushrooms, but has considerable glass in carnations, three-fourths of his glass being devoted to his new scarlet seedling not yet disseminated but very promising. G. R.

CADILLAC, MICH.

An illustrated edition of the Cadillac News and Express gives a sketch and portrait of A. W. Tweedie and a sketch of the brief career of Kleinhans & Mason, with a picture of their new place. The members of this firm came to Cadillac from Ithaca only last May. They have put up 4,500 feet of glass, a residence and an office. They have heating facilities for more glass, which they expect to put up next spring. At present they have to send out of town for roses and a large part of their other stock.

A. W. Tweedie has been in business five years and has a well-kept place. Besides a large business in cut flowers and plants he does a nice trade in shrubs and other hardy stock, a profitable feature that many florists overlook.

Springfield, Mass.—Osterman & Steele have opened a new flower store at 137 State street.

Colorado Springs, Colo.—William Henry Evans proposes to add largely to his glass area early next spring.

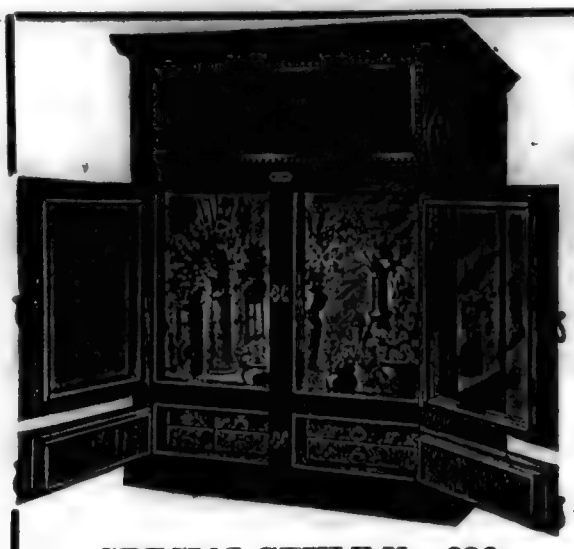
Youngstown, O.—Joseph Shaefer died of heart failure October 13. He was 77 years of age. His greenhouses were a well known source of supply for bedding stock, etc.

Please discontinue my smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the Review don't pay? It could only be the one who never tried them.—Harvey B. Snow.

Field-Grown VINCA VARIEGATA.

First size..... per 100, $3.00
Second size..... " 2.00
Third size..... " 1.00
2-inch SMILAX .....75c per 100.
Small size **Carnation Clumps**....$2.00 "
Cash with order.
J. J. ARNOLD, HOMER, N. Y.
Mention The Review when you write.

Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO, ILL.
Send for Price List on all
Palms and Ferns
Mention The Review when you write.



SPECIAL STYLE No. 686
48 in. wide. 34 in. deep. 66 in. high.
SPECIAL DESIGNS BUILT TO ORDER.
Also we have stock sizes of very neat design ready for prompt shipment.
Mention this Journal and we will send you the following catalogues: No. 39, for residence; No. 45, for Hotels, Public Institutions and Cold Storage Houses; No. 63, for Groceries; No. 56, for Meat Markets; No. 70 for Florists.

McCray Florist REFRIGERATORS
Known Everywhere for Superiority.
Noted for absolutely dry interior, thus avoiding entirely the sweating of glass. The positive circulation of pure cold air within keeps the flowers in **perfect condition.**
ECONOMICAL IN THE USE OF ICE. SCIENTIFICALLY CONSTRUCTED.
Write at once for Florists' Catalogue No. 70.
For the Residence, Grocer, Meat Market, Restaurant, in fact any purpose, the **McCRAY** is Guaranteed Absolutely Satisfactory.
THOUSANDS TESTIFY TO ITS MERITS.
McCRAY REFRIGERATOR CO.
373 Mill St., **KENDALLVILLE, IND.**
Branch Offices and Salesrooms: Chicago 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 636 Smithfield St.; New York, 341 Broadway; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Bldg.; Boston, 52 Commercial St.; Columbus, O., 356 N. High St.; Washington, D. C., 629 F St., N. W.
☞ **Address Main Office, unless you reside in one of the above named cities**
Mention The Review when you write.

Big Bargain in Bostons.
Choice fresh plants ready for retailing.
4-in., $12 per 100, 5-in., $20, 6-in., $30, 7-in., $60 These prices are from $5 to $15 per 100 under the regular price on these sizes. We make these special figures to reduce a large stock. Field-grown Sprengeri, strong plants, ready for 4-in. pots, $5 per 100, for 3-in., $4. Very valuable to cut from.
We have 5,000 strong Joost carnation plants, extra fine, field-grown, at the very low price of $4 per 100, $35 per 1000. Big, branchy plants, **not culls.**
Brides, Maids, Ivory, Golden Gates, 3-inch, good stock, grown for forcing, $4 per 100, $35 per 1000.
W. H. GULLETT & SONS, Lincoln, Ill.
Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots, $15 per 1000	$2.00
Sprengeri, 2¼-in. pots	2.00
Boston Ferns	5.00
Pansy Plants... $2.50 per 1000	.60

ASPARAGUS PLUMOSUS NANUS SEED. new crop, $4.00 per 1000; 2000 seeds for $7.00.
—CASH—
Jos. H. Cunningham, Delaware, Ohio.

Cryptomeria Japonica
Japanese Pine.
Takes the place of the high price Araucaria Excelsa at a low price.
20 for $1; $5 per 100; $45 per 1000.
E. I. RAWLINGS, - Quakertown, Pa.

	Per 100
ASPARAGUS SPRENGERI, Good healthy stock, 2¼-in pots	$2.00
ASPARAGUS PLUMOSUS, good healthy stock, 2¼-in	2.50
SMILAX PLANTS, strong bushy stock, in 2½-in. pots.....per 1000.	15.00
Boston Ferns, both 5 and 6-in., 25c and 35c each.	

Above prices cash with order.
JOHN BROD, Niles Center, Illinois
Mention The Review when you write.

You Will Find...
ALL the **BEST** offers
ALL the time in the
REVIEW'S
CLASSIFIED ADVS.

BOSTON FERNS!
2¼-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.
Violets, Marie Louise, strong field-grown plants, $4.00 per 100.
DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

ORCHIDS
We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande, Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.
Lager & Hurrell, Growers and Importers... **Summit, N. J.**

CARNATION TEST.
Hughsonville, N. Y.
We have given the Fumigating Kind a good test on carnations, and it worked better than anything we ever tried. Ship us 100-pound bag at once. See page 1099.
ADAM LAUB & SON.

BOSTON FERNS,
Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.
Primula Sinensis—2¼-in., $2.00 per 100.
Cinerarias—2¼-in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4 in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1.75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.
Converse Greenhouses, WEBSTER, MASS.
Mention The Review when you write.

TO-BAK-INE PRODUCTS THEY KILL BUGS

The great popularity of TO-BAK-INE FUMIGATING PAPER, TO-BAK-INE LIQUID and TO-BAK-INE FUMIGATING POWDER has resulted in a call for a Fourth Product described below:

TO-BAK-INE DUSTING POWDER

This is for Sprinkling or Dusting Purposes only and will not burn for fumigation. This DUSTING POWDER differs from any other on the market in being FREE FROM ANY TOBACCO OR TOBACCO ODOR and in ALWAYS CONTAINING A DEFINITE AMOUNT of FREE PURE NICOTINE, which is added to a specially prepared powder. The nicotine being in a free form, is gradually given off, killing all insects on flowers, plants and vegetables, leaving a perfectly ODORLESS POWDER OR RESIDUE, which is readily shaken or washed off, and SHOULD any remain it will NOT DECAY or ROT, thus differing from tobacco dust, etc. The advantage of this Powder should strongly appeal to Greenhouse Vegetable Growers, whose products must be free from foreign or objectionable tastes.

50-POUND BAG, $1.50; 100-POUND BAG, $3 00 Send for our Booklet, "WORDS OF WISDOM," by leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

DWARF

Jerusalem Cherries,

Full of fruit, 5 and 6-in. pots, $10.00 to $15.00 per 100.

	Per 100
Xmas Peppers, 5 and 6-in. pots	$15.00
Cyclamen, 4 to 5-in. pots	10.00 to $15.00
Primroses 4 to 5-in. pots	6.00 to 10.00
Primula Obconica, 2½-in. pots	2 00
Cineraria, 2½-in pots	2.00
Asparagus Plumosus, 3-in. pots	5.00
Selaginellas, 4-in. pots	7.00
Pierson Ferns 5-in. pots	25.00

J. S. BLOOM, RIEGELSVILLE, PA.

Mention The Review when you write.

YOUR LAST CHANCE.

Don't fail to take advantage of this exceptionally low offer for **strictly first-class stock.**

BOSTON FERNS, clean and healthy, from 5-inch pots, $3.00 per dozen; $20.00 per 100; 25 at 100 rate.

ASPARAGUS PLUMOSUS NANUS, extra strong, 2¼-inch, $2.00 per 100; $19.00 per 1000.

ASPARAGUS SPRENGERI, 2¼-inch pots, $1.25 per 100; $12.00 per 1000.

1,000 **GERANIUMS J. VIAUD,** good plants from 2½-inch pots, $1.25 per 100 or the lot for $10.00. —CASH—

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

VIOLETS

Marie Louise, field-grown	per 100,	$5.00
" " pot-grown 3-inch	"	3.00
Asparagus Plumosus, 2½-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

Mention The Review when you write.

NEPHROLEPIS SCOTTII.

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time.

Prices—Plants from bench, ready for 4-in. pots, $4.00 per doz.; $25.00 per 100; $200 00 per 1(00. Plants from bench, 5-in. pots, $6.00 per doz.; $35.00 per 100. Plants from bench, 6-in. pots, $9.00 per doz; $60.00 per 100.

6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

FERNS.

Boston, Piersoni, Anna Foster and Scottii. The four best ferns grown. We have some special bargains to offer anybody on any of the above Ferns, Plumosus, and Sprengeri, and would like to tell you about them. If you are interested, write

GEO. A. KUHL, Pekin, Ill.

If you are shy of roses, anything in standard Teas, write us.

Mention The Review when you write.

PANSIES.

FINEST GIANTS, mixed, strong plants, good per cent. of Mme. Perrett. $3.00 per 1000.

CYCLAMEN GIGANTEUM SEED. Giant mixed, 200 seeds, $1 00; ⅛ packet, 50c.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

GERANIUMS.

S. A. Nutt and La Favorite, 2½-inch pots, $1.50 per 100. Fine stock.

BOSTON FERNS.

From bench, strong runners, $2 00; 4-inch, $8 00; 5-inch, $10 00 per 100. CASH.

F. E. BONHAM, Macomb, Ill.

Mention The Review when you write.

Dracæna Indivisa

Field-Grown, Fine Shaped Plants.

Suitable for 6-inch pots ..... $15.00 per 100
Suitable for 7-inch pots ..... 20.00 per 100

JOHN KUHN, 5th and Tabor Sts., **Olney, Phila., Pa.**

Mention The Review when you write.

OH, SO EASY!

Tamaqua, Pa.

Please forward 200 pounds Fumigating Kind Tobacco Powder. It is the best for fumigating I have ever used—easy to use, effective and cheap. See page 1099.

NELS NELSON.

Mention The Review when you write.

Your Opportunity.

SELECT STOCK AT

Bargain Prices.

Carnations—to plant after early Mums. Our plants were protected from frost. All first size, bushy, healthy and full of buds that will at once give returns. 200 **Enchantress** at $7.00 per 100. The following choice varieties at $4.00 per 100; 1500 **Mrs. T. W Lawson,** 750 **Mrs. Joost,** 500 **Avondale,** 225 **Norway,** 125 **Flora Hill,** 125 **Morning Glory,** 100 **W. Cloud,** 100 **Gov. Lowndes,** 50 **Sybil,** 50 **Mrs. Roosevelt,** 50 **Queen Louise,** 25 **Her Majesty,** 25 **Mrs. Nelson.**

Double Sweet Alyssum—Do not forget to plant some of this useful florists' flower. Strong, well branched plants from 2¼-inch pots, $2.50 per 100; $20.00 per 1000; 250 at 1000 rate.

Asparagus Sprengeri—(Field-grown). This stock is far superior to pot-grown, having extra strong roots and well set with dormant eyes which at once start into growth when housed. Try a few. Bushy plants to pot into 3's, $5 00 per 100; for 4-in. pots, $8.00 per 100; for 5-in. pots, $10 00 per 100; extra large for 6-in. and over, $12.00 per 100.

Violets—Princess of Wales, strong field clumps of this grand variety in bud and bloom, $5.00 per 100. **Swanley White,** large, healthy plants from field, $4 00 per 100.

Vinca Major Variegata—We never had better plants. Unexcelled for winter decorations. Field-grown plants full of fine leads, $6.00 per 100.

Purchase your supply of Hardy Perennials before winter sets in.

We offer the best. Send for list.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

Aspidistras.

Large plants, 15 to 30 leaves in pot, 4c per leaf.

—ALSO—

Carnation Plants from Field:

1000 Lawson, 1000 G. Lord, 800 Joost, 600 Prosperity, $4.00 and $5.00 per 100. **In fine shape.**

THEO. E. EDWARDS,

BRIDGETON, N. J.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong 2-in. pot plants, postpaid, $2.00; 100 strong 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum Farleyense, 2½-in. pots, strong, $15.00 per 100; 4-in., fine plants, $35.00 per 100. J. A. Peterson, Westwood, Cincinnati, O.

Adiantum cuneatum (maidenhair fern), 4-in., bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ALTERNANTHERAS.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

500 extra strong sweet allyssum, $2.00 per 100. Park Side Greenhouses, 746 E. 70th St., Chicago.

Double sweet alyssum, strong plants, 2¼-in., $2.50 100; $20.00 1000. 250 at 1000 rate.
Nathan Smith & Son, Adrian, Mich.

Alyssum dbl. giant, rooted cuttings, 75c 100.
J. H. Rainsbury, Bernardsville, N. J.

Alyssum, giant double, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 10c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c; 5½-in., 13 to 15 in. high, 3 to 4 tiers, 60c; 5½ to 6-in., 17 to 19 in. high, 3 to 4 to 5 tiers, 75c; 6-in., 20 to 22 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each. G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 60c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus Sprengeri, field-grown, bushy plants, ready for 3-in., $5.00 100; for 4-in., $8.00 100; ready for 5-in., $10.00 100; extra large for 6-in. and over, $12.00 100.
Nathan Smith & Son, Adrian, Mich.

Asparagus Sprengeri, good healthy stock, 2¼-in. pots, $2.00 per 100. Asparagus plumosus, good healthy stock, 2¼-in. pots, $2.50 per 100. Cash with order. John Brod, Niles Center, Ill.

10,000 Asparagus plumosus nanus, 2¼-in. pots, $2.00 100; $19.00 1000. 8000 Asparagus Sprengeri, 2¼-in. pots, $1.25 100; $12.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, from flats, $10.00 per 1000. From beds, ready for 3 to 4-in., $2.00 per 100; 5 to 6-in., $4.00 per 100.
J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Field-grown Sprengeri, strong plants ready for 4-in., $5.00 100; for 3-in., $4.00. Valuable to cut from.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, fine plants from 4-inch pots, $8.00 100; seeds, 75c 100; $5.00 1000. Cash.
Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100. Asparagus Sprengeri, 2¼-in., $2.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus seedlings, strong, ready for 2-in. pots, $12.00 per 100. Prepaid.
Drake Point Greenhouses, Yalaha, Florida.

Asparagus Sprengeri, extra large, bushy plants, from 3-inch pots, $5.00 100. Cash.
R. G. Hanford, Norwalk, Conn.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, 3-in., strong, $6.00 100; 4-in., bushy, $10.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos H. Cunningham, Delaware, O.

Asparagus plumosus, extra strong and bushy, 2¼-in., $2.50 per 100.
Williams Floral Co., Bedford, Ind.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 2-in., $2.50 per 100. White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2-in., $3.00 per 100. J. M. Smely, Aurora, Ill.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus Sprengeri, strong 4-in., $4.00 per 100. Van Aken Bros., Coldwater, Mich.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, 4-in., strong, $6.00 100.
Buts Bros., New Castle, Pa.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, fine plants, $5.00 100.
N. H. Sherwood, Southport, Conn.

Asparagus Sprengeri, 2-in., 2c; 2½-in., 3c.
W. W. Coles, Kokomo, Ind.

Asparagus plumosus, 2-in., $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, 3-in., $5.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

ASPIDISTRAS.

Aspidistras, large plants in pots, 15 to 30 leaves, 4c per leaf.
Theo. E. Edwards, Bridgeton, N. J.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

BAY TREES.

BAY TREES. Send for our new price list.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

BEGONIA GLOIRE DE LORRAINE.	Per Doz.
5-inch pots, very strong stuff	$ 6.00
6-inch pots, extra heavy plants	9.00
7-inch pots, specimens	12.00
8-inch pots, specimens	18.00

4-inch pots, only a few hundred left, $30.00 per 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia manicata aurea, 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias metallica and Pres. Carnot, strong 2½ inch, $3.00 per 100.
C. M. Niuffer, Springfield, Ohio.

BERRIED PLANTS.

Jerusalem cherries, made-up plants, 8 to 12 inches high, 4-inch, 25 to 50 berries, 5-inch, 50 to 100 berries, $1.00 and $2.00 per doz. to make room quick, $6.00 and $10.00 per 100, cash. Your money back if not worth $1.00 and $2.00 per doz. Price will advance. Order quick. Wm. S. Herzog, Morris Plains, N. J.

Solanum or Jerusalem cherries, full of fruit, 5½ to 6-in. pots, $2.00, $2.50 to $3.00 doz. Capsicum annuum or Xmas peppers in fruit, 5-in., $2.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

Christmas peppers, strong 4-in., ready for shift, full of flowers and berries, 75c to $1.00 per doz. Will exchange for red honeysuckles or peony roots.
W. P. Ranson, Junction City, Kan.

Dwarf Jerusalem cherries, full of fruit, 5 and 6-in. pots, $10.00 and $15.00 100. Xmas peppers, 6-in. pots, $15.00 100.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, 3-inch, 50c per doz., $3.00 per 100. Xmas (celestial) peppers, 75c per doz., $5.00 per 100.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

NARCISSUS paper white grandifl., 13 cms. up, 1400 to case, $12.00	$1.00	$8.75
Von Sion mammoth dbl. nose	2.00	19.00
" " very large select	1.50	13.00
" " good flowering, strong	1.25	10.00
Bicolor grande, 25c doz	1.75	15.00
HYACINTHS, white Roman—		
11x13 cms	2.50	22.00
12x15 cms	2.75	25.00
Dutch, 1st size	6.50	60.00
" 2d size	5.00	45.00
" fancy grade, 17 cms	3.50	33.00
" 15 cms., sep. colors	2.75	25.00
CALLA Ethiopica, 3x5 inch	3.00	25.00
" " 4x6 "	5.00	45.00
" " 5x7 "	7.50	70.00
GLADIOLI Colvillei alba (The Bride), pure white	.70	6.00
Rosy red	.65	5.50
FREESIA refracta alba—		
⅝-½ 5000,	$12.50 .30	2.75
½-⅝ 5000,	$20.00 .60	4.50
HARRISII LILIES, Semper Idem—		
5x7, 400 to case, $10.00	3.00	
6x7, 300 to case, 10.00	4.00	
7x9, 200 to case, 12.00	6.50	

Full stock tulips, crocus, iris, oxalis, etc., lilies. Ask for prices.
H. H. Berger & Co., 47 Barclay St., N. Y.

	Per 100	Per 1000
Artus, red	$1.25	$10.50
Belle Alliance, scarlet	2.00	17.50
Chrysolora, yellow	.90	8.00
Crimson King	1.25	10.00
Keizerskroon, red, yellow	1.25	10.50
La Reine, white, extra quality	.75	6.75
Pottebakker, scarlet	1.50	14.00
Pottebakker, yellow	1.25	11.50
Yellow Prince	1.00	9.00
Superfine single mixed	.75	6.50
NARCISSUS.		
Giant Princeps	.85	7.50
Trumpet Major (single Von Sion)	1.00	9.00
Double Incomparable, yellow	.75	6.50
Alba Plena, dbl. white	.75	6.00
Von Sion, dbl., extra quality	1.40	12.50
DUTCH HYACINTHS.		
Single or double, sep. colors	2.75	25.00
Named, 60 varieties	4.00	37.00
CROCUS.		
Separate colors or mixed	.25	1.75
Named sorts	.40	3.50

Send for our complete bulb list.
Johnson & Stokes, 217-219 Market St., Phila.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
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Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Roman hyacinths, 12x15, $24.00 1000. Dutch hyacinths, mammoth, $65.00 1000; No. 2, $35.00 1000. Narcissus Von Sion, dbl. nose, $18.00 1000; single mammoth, $15.00 1000. Freesia refracta alba, mammoth, $7.50 1000. Write for prices on tulips, azaleas, rhododendrons, roses, spiraeas, etc.
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Lilium Harrisii, 5x7 in., $3.60 100; 7x9 in., $8.00 100. Hyacinths, Roman white, 12 to 15 cms., $24.00 1000; single Dutch, $20.00 1000. Narcissus Von Sion, $12.00 1000.
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Tuberous begonias. Our Gold Medal strain. Ready for shipment about Nov. 25. Write for prices and circular.
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We have an extra fine lot of Lilium Harrisii, 5x7, which we offer in original cases of 400 bulbs each at $10.00 a case. This is a genuine bargain.
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Lilium Harrisii, longiflorums, freesias, buttercup oxalis. Send for list.
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Freesia refracta alba, ⅜-in. diameter, $2.00 1000; ½-in., $4.00 1000.
C. H. Joosten, 201 West St., New York.

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FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	60.00
Harlowarden	4.50	40.00
Chicago	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Estelle	3.50	30
Mrs. Ine	3.50	30	Q. Louise	3.50	30
F. Hill	3.50	30	Harlowarden	4.50	40
Peru	3.50	30			

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Fair Maid	6.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Variegated.		Cash, please, or ref-	
Bradt	6.00	erence.	
Prosperity	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Field-grown carnations. The finest you ever saw. Plant them now while they last. Will clean up at $4.00 per 100, $35.00 per 1000.

Apollo, red	Frances Joost
Murphy's White	Flora Hill
Lillian Pond	Mrs. Potter Palmer
Queen Louise	Glacier
Morning Glory	America

Evenden Bros., Williamsport, Pa.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$5.00	Marquis	$4.00
Estelle	5.00	Lorna	4.00
Alba	5.00	Glacier	4.00
Lawson	5.00	Mermaid	4.00
Q. Louise	4.00	America	4.00
Manley	4.00	Joost	4.00
Lord	4.00	Gomez	4.00

Cheap for cash.
Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	W. Cloud	$5.00	
Prosperity	5.00	45	M. Wood	4.50	$40
Palmer	5.00	45	Higinbotham	4.50	40
F. Hill	4.50		Lawson	6.00	
Joost	4.50	40			

Poehlmann Bros. Co., Morton Grove, Ill.

Our carnations were protected from frost. All first size, bushy and full of buds that will at once give returns. 200 Enchantress, $7.00 100. 1500 Lawson, 750 Joost, 500 Avondale, 225 Norway, 125 Hill, 125 Morning Glory, 100 White Cloud, 100 Lowndes, 50 Sybil, 50 Mrs. Roosevelt, 50 Q. Louise, 25 Majesty, 25 Mrs. Nelson, $4.00 100.
Nathan Smith & Son, Adrian, Mich.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Extra select field-grown carnations, large, healthy plants. Good as money will buy. To close out at the following prices:

Prosperity	Per 100	$6.00	Per 1000	$55.00
Mrs. Joost	"	5.00	"	45.00
John Young	"	5.00	"	45.00
Dana	"	4.00	"	35.00
Mrs. Fisher	"	4.00	"	35.00

Newton Floral Co., Inc., Norfolk, Va.

Carnations, field-grown, fine healthy stock, no stem-rot. Lawson, W. Cloud, Nelson, Prosperity, Glacier, Norway, Adonis, Fair Maid, Floriana, Dorothy, Elma, Gaiety, Bradt, Manley, H. Fenn, McKinley, B. Market, Wolcott, $5.00 100; $45.00 1000. Crane, Gomez, Maceo, $4.50 100; $40.00 1000. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

50,000 extra fine, clean, field-grown carnation plants. While they last they will be shipped at the following low prices:

	100	1000		100	1000
Lawson	$4	$35.00	G. Angel	$3	$25.00
Higinbotham	4	35.00	Hill	3	25.00
Q. Louise	4	35.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

A1 carnations, 10,000 plants, no disease.

	Per 100		Per 100
Lawson	$4.00	Marquis	$3.00
Flora Hill	3.00	Daybreak	3.00
Gov. Roosevelt	3.00	White Cloud	3.00
Crane	3.00	Prosperity	3.00

Cash. Money returned if not all right.
Frank Berry, Stillwater, Minn.

Carnations on credit. Cash or bank note with two good references. 1st size, Hill, Joost, Daybreak, $4.00 per 100. Medium size, Lawson, America, Prosperity, Hill, Joost, Queen Louise, Norway, Lord, Marquis, Crane, Crocker, Morning Glory, $2.50 per 100.
A. A. Gannett, Geneva, N. Y.

2000 Freedom, large white, $4.00 per 100, $33.00 per 1000; 1500 Joost, $4.00 per 100, $35.00 per 1000. Express paid any distance less than 500 miles. 200 Morning Glory, 200 Crimson King, 150 Queen Louise, 50 Mondell, 50 Estelle, $5.00 per 100, 300 for $4.00 per 100.
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100,000 carnation rooted cuttings, now ready, $1.00 per 100; $10.00 per 1000. Lawson, Joost, Q. Louise, Wolcott, Crane, Estelle, Prosperity, G. Beauty, Harlowarden, Norway, White Cloud, F. Hill, Lord, Viola Allen. Cash or C. O. D. Express prepaid.
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Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You'll not regret it.
W. E. Hall, Clyde, O.

Field-grown carnation plants. 2000 Flora Hill and 1000 Maceo left, which we will guarantee and will pay express on 1000 plants at $3.00 per 100 or $25.00 per 1000 or will exchange for Boston ferns or Asparagus plumosus.
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Fine field-grown carnation plants, Flora Hill, Queen Louise, Eldorado, $5.00 100. Cash.
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CRISIS, the best commercial scarlet carnation ever introduced. Will be disseminated in 1905. Write for descriptive circular. Price: $2.00 doz.; $12.00 100; $100.00 1000. $95.00 1000 in 5000 lots. Prices on larger quantities on application. DAVIS BROS. CO., Bloomsburg, Pa.

Fine large and healthy field-grown plants, extra good, $5.00 per 100, $45.00 per 1000. 1000 Scott, 500 Marquis (if sold alone, $6.00 per 100), 500 F. Hill, 500 Glacier, 600 Crane, 500 M. Glory. Cash.
J. C. Rennison, Sioux City, Iowa.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

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Fine, strong and healthy field-grown carnation plants. Lawson, Guardian Angel, Nelson, Flora Hill, Queen Louise, White Cloud, America Elma, Cal. Gold, Gomez, Brilliantissima. $5.00 100; $40.00 1000. 500 at 1000 rate.
Lamprecht Bros., Ashland, O.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
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3000 Melba, in the open, $25.00 1000. Also 3000 of other varieties at same price. These plants are all in excellent condition. Must be sold within 10 days.
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10,000 field-grown carnations, clean and stocky. Queen Louise, F. Hill, Marquis, Uncle Walter, Peachblow, $5.00 100; $45.00 1000. Lawson, Wolcott, Roosevelt, $6.00 100; $55.00 1000.
Butz Bros., New Castle, Pa.

Field-grown carnation plants in extra fine, healthy condition; large plants. 5000 Enchantress, $6.00 per 100; $50.00 per 1000. 1000 Gov. Wolcott, $4.00 per 100.
Nic. Zweifel, North Milwaukee, Wis.

Carnations, surplus stock, fine, healthy plants, Joost, Marquis, White Cloud, Guardian Angel and a few others, at $4.00 per 100. Lawson, extra fine, at $6.00 per 100.
L. Stapp, Rock Island, Ill.

Fine, healthy field-grown carnation plants, cheap for cash. 3000 Flora Hill, 1000 Norway, 1000 Maceo, $3.00 per 100; $25.00 per 1000. Satisfaction guaranteed.
C. E. Critchell, 36 East 3rd St., Cincinnati, O.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
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Carnations, strong, healthy field-grown; no stem-rot among my plants, $4.00 per 100; $35.00 per 1000. Hoosier Maid, Joost, Glacier, Norway, Crane.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Joost, Hill, Daybreak, Eldorado, No. 1 plants, $4.50 per 100; $40.00 per 1000. Also several other varieties. Write for list and prices. Smith & Gannett, Geneva, N. Y.

Carnations, extra large, clean stock. Lawson, Louise, Cloud, Prosperity, Floriana, Estelle, 4½c or $40.00 1000. Crocker, 3c or $25.00 1000.
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Scott, Fisher and 2nd Joost, $3.00 per 100, very large plants of Scott. 50 L. Pond, 4c. Will exchange for geranium cuttings.
W. H. Vance, Wilmington, Del.

Carnations. 200 good, strong E. A. Nelson, $4.00 100; 100 Morning Glory, $3.00 100; 200 T. W. Lawson, 2d size, $3.00 100.
Harry White, North Manchester, Ind.

Some good carnations, fair-sized for the season. Joost, Fair Maid, Lawson, Queen Louise and a few of other varieties.
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Fine, healthy, field-grown carnations. 2000 Mrs. Joost, $30.00 1000, $4.00 100. 500 Queen Louise, $4.00 100. Cash.
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Carnations from field, in fine shape. 1000 Lawson, 1000 Lord, 800 Joost, 600 Prosperity, $4.00 and $5.00 100.
Theo. E. Edwards, Bridgeton, N. J.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Field-grown carnation plants. 6000 Lawson, 1000 M. Glory, 1000 Wolcott, 1000 W. Cloud at $40.00 1000.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Lawson, strong field plants, not picked over, $50.00 per 1000.
Geo. J. Ball, Berteau and Western Aves., Chicago.

CARNATIONS—Continued.

5000 extra fine Joost carnations, field-grown, $4.00 100, $35.00 1000. Big branchy plants, not culls. W. H. Gullett & Sons, Lincoln, Ill.

1000 Norway, $30.00; 50 Hill, 65 Apollo and 500 Lawson, 3c each; 200 Crane, 2½c each.
Kring Bros., Fairbury, Ill.

Carnations. Crane, Success, America, field-grown, $30.00 1000. Express prepaid. Cash.
California Carnation Co., Loomis, Cal.

Carnations. 300 Lawson, 100 Crane, 100 Marquis, 100 Prosperity, first-class plants.
Crown Point Floral Co., Crown Point, Ind.

Strong, bushy plants, Wolcott, $4.00 per 100; Lord, $3.00 per 100. Cash.
Chas. Wiffin, Des Plaines, Ill.

Carnations. 100 G. Lord at $4.00 100; 200 E. Crocker at $4.00 100.
A. R. Knowles, Bloomington, Ill.

I have left about 4000 Estelle and 200 Prosperity at 5c each.
D. R. Herron, Olean, N. Y.

3000 Flora Hill carnations, strong, field-grown, $5.00 100.
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Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., Lafayette, Ind.

Small size carnation clumps, $2.00 100. Cash.
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Chrysanthemum stock plants. Now ready Opah, Polly Rose, $5.00 per 100. Monrovia, 10c each, $1.00 per doz. Ready later Wm. Duckham, Cheltoni, Alice Byron, Dr. Enguehard, C. J. Salter.
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Chrysanthemums. 500 large stock plants of Polly Rose. This is positively the best early white and a money maker. Try it. 10c each, $1.00 per doz., $8.00 per 100. Cash, please.
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Stock plants, large, strong and healthy, of Glory Pacific, Polly Rose, Willow Brook, Ivory, Pink Ivory, $1.00 doz.; $6.00 100; Monrovia, R. Halliday, $1.00 doz., $7.00 100.
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Chrysanthemum stock plants. Alice Byron, Lady Harriett, Robt. Halliday, Monrovia, Mrs. Coombes, Fitzwygram, white and yellow, $1.00 per doz., $8.00 per 100.
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Mersthaм Yellow, scored 90 points Oct. 1. It's the finest yellow chrysanthemum in sight. Order now for Jan. delivery. Price: 50c each; $5.00 doz.; $35.00 100.
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Chrysanthemums. Stock plants of Willowbrook, best early white, strong and clean, $5.00 per 100, 75c per doz. Cash, please, or C. O. D.
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Lady Fitzwygram chrysanthemum stock plants now ready. Write for prices.
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Chrysanthemum Clementine Touset, 50c each, $5.00 doz., $35.00 100.
The E. G. Hill Co., Richmond, Ind.

2½-in. mums, $18.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

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Cinerarias, dwarf, 2-in., $2.00 per 100. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

Cinerarias, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

Cinerarias, 2½-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

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Clematis, finest purple, white, lavender, pink, named, 2-yr., 18c; 1-yr., 9c; extra 3 yr., 30c. C. paniculata, 2-yr., strong, 8c.
W. H. Salter, Rochester, N. Y.

Clematis, strong, white, $6.00 100. Cash.
W. G. Eisele, West End, N. J.

COLEUS.

Coleus. Large rooted cuttings of Verschaffeltii, Golden Bedder and other choice varieties, $4.00 per 1000 by express; 50c per 100 by mail, postage paid. Contracts taken for winter or spring shipments. Cash with order.
Atlantic Coast Nurseries, Office 606, 4th Ave., Asbury Park, N. J.

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Cryptomeria japonica (Japanese pine), 20 for $1.00; $5.00 100, $45.00 1000.
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Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 20 leaves, new stock, 10c per leaf.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cycas revoluta, 10 to 12 leaves, $1.00 each; 12 to 15 leaves, $1.50 each.
Storrs & Harrison Co., Painesville, Ohio.

CYCLAMEN.

Cyclamen giganteum to make room quick, strong 4 and 5-inch, full of buds, $8.00 and $12.00 per 100. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Cyclamen persicum, 2¼-in. pots, $3.00 per 100; 4-in., $8.00 per 100.
George Rentschler, Madison, Wis.

Cyclamen giganteum, large flowering, 4-in., $10.00 100; 5-in., $15.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, fine, strong, 4-in. pots, $10.00 100.
G. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen, 4-in., giant flowering, fine plants, $12.00 per 100. S. M. Harbison, Danville, Ky.

Cyclamen, 4 and 5-in., $10.00 and $15.00 100.
J. S. Bloom, Riegelsville, Pa.

DAHLIAS.

Dahlias. To reduce stock we offer strong roots from field, 12 best kinds, named, $3.00 per 100; mixed, $2.75 per 100. Cash.
J. W. Field, Jr., Northfield, Mass.

Dahlia roots. List and prices sent on application.
R. Vincent, Jr. & Son, White Marsh, Md.

DAISIES.

NOW READY—Genuine Burbank's California Shasta daisies, guaranteed true to name. Strong, well rooted plants, grown from cuttings. While they last, $5.00 per 100, delivered anywhere in the U. S. Positively cash with order. S. W. Marshall & Son, Fresno, Cal.

Shasta daisies, nice plants from seed, once transplanted, 75c per 100, postpaid. Cash.
Wm. Bierstadt & Sons, Springfield, Ill.

Double daisies Longfellow and Snowball, $2.50 per 1000; 50c per 100 by mail. Cash.
Byer Floral Co., Shippensburg, Pa.

DEUTZIAS.

Deutzia gracilis for potting, 12 to 15 in., $6.00 100; 15 to 18 in., $8.00 100. D. Lemoinei, 15 to 18 in., $8.00 100; 18 to 24 in., $10.00 100.
Storrs & Harrison Co., Painesville, O.

Deutzias, 10c. W. H. Salter, Rochester, N. Y.

DRACÆNAS.

Dracaena indivisa, field-grown, fine, shapely plants, suitable for 6-in. pots, $15.00 100; for 7-in., $20.00 per 100.
John Kuhn, 5th & Tabor Sts., Olney, Philadelphia, Pa.

EUPHORBIAS.

Euphorbia Jacquinifolia, 3-in., $8.00 100; 4-in., $12.00 100.
Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Extra fine Boston ferns, 4, 6, 7 and 8-in. pots at 15c, 35c, 50c and 65c. These are sold at bargain prices, being unable to winter them.
Piersoni, fine, handsome transplanted stock from soil, 10c, 15c, 25c. Will give large profits. Many who have bought are ordering more; it is sure to please you. Extras put in to cover expressage. Write for price in quantity. Cash. R. C. Pye, Nyack, N. Y.

Look here! The heaviest Bostons from pots in the U. S., will fill 8 and 10-in. pots, only 40c; 5-in., 35c; 4-in., 15c; 3-in., 8c; 2½-in., 3½c. Extra heavy Piersoni, 6-in., 50c; 5-in., 40c, will fill 8-in. pots; 4-in., 15c; 3-in., 8c; 2½-in., 4c. Cash, please.
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NEPHROLEPIS SCOTTII. Plants from bench ready for 4-in. pots, $4.00 doz.; $25.00 100; $200.00 1000; 5-in., $5.00 doz.; $35.00 100; 6-in., $9.00 doz.; $60.00 100; 6-in. pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
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FERNS. 50,000 PIERSONI FOR IMMEDIATE DELIVERY AT $5.00 PER 100. ALL ORDERS FILLED STRICTLY IN ROTATION.
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CENTER MARKET,
WASHINGTON, D. C.

2000 Boston ferns from bench, stocky, well grown in full light, good shape, for 5-in., $15.00 per 100; 6-in., $20.00 per 100; 25 at 100 rate. Piersoni for 6-in., 25c; 7-in., 35c; 8-in., 10c. See violet and asparagus advs. Cash.
Benj. Connell, West Grove, Pa.

Boston ferns, 6-in. pots, 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-in. specimens, 75c to $1.00 each; 8-in., $1.25 each. Piersoni, 5, 5½ to 6-in., 30c, 40c to 50c.
G. Aschmann, 1012 Ontario St., Phila.

Boston ferns, nice, clean stock, from 2½-in. pots, $5.00 100; 3-in., $8.00. Cut from bench, suitable for 4-in., 5-in. and 6-in. pots, at $15.00, $20.00 and $25.00 100.
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Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, 3-in., $8.00; 4-in., $15.00; 5-in., $25.00 per 100.
Piersoni ferns, 3-in., $10.00; 4-in., $20.00 per 100. Fine stock.
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PIERSON FERNS.
Strong 4-inch .....$15.00 per 100
Strong 5-inch ..... 20.00 per 100
Cash with order. Satisfaction guaranteed.
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Boston ferns. Choice, fresh 4-in., $12.00 100; 5-in., $20.00; 6-in., $30.00; 7-in., $60.00. These are special figures, made to reduce stock.
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Pteris tremula and P. argyreae, $2.50 100. Small ferns for dishes, full list of best dwarf varieties, $3.00 100; $25.00 1000.
Storrs & Harrison Co., Painesville, O.

Piersoni ferns, 2½ in., $8.00 100. Boston ferns, 2½-in., $5.00 100; 3-in., $8.00; 4-in., $15.00. Cash or C. O. D.
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Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
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Boston ferns ready for 6 and 8-in., to clean out, at 20c each. Anna Foster, ready for 8-in., at 30c each.
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Boston ferns. A1 stock, 2-in. pots, 2½c; 5-in. pots, 20c; 7-in. pots, 50c.
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Boston ferns. Strong bushy plants, 3-in., $8.00 per 100; 4-in., $12.00 per 100.
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Boston ferns, fine, strong 6-in. plants, cut from bench at $2.50 per doz.; $20.00 per 100.
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Boston ferns from bench, strong runners, $2.00; 4-in., $8.00; 5-in., $10.00 100. Cash.
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Boston ferns, clean and healthy from 5-in. pots, $3.00 doz.; $20.00 100. 25 at 100 rate.
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Boston, Piersoni, Foster and Scottii ferns. We have some special bargains. Write
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Boston ferns, perfect plants, full pots, 6-inch, $30.00 per 100; 8-inch, $60.00 per 100.
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Aspidium tsussemense, fine plants, 3-inch, $6.00 100; $50.00 1000. Cash.
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Boston ferns, 6-in., fine, $40.00 100. Piersoni, 6-in., fine, $50.00 100.
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Boston ferns, all sizes; good plants.
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Piersoni ferns, 5-in., $25.00 100.
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Cibotium Schiedei, $1.25 each.
J. A. Peterson, Westwood, Cincinnati, O.

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Forget-me-nots, hardy, ever-blooming, strong clumps, $2.00 per 100.
Eden Nurseries, Port Allegany, Pa.

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Gardenia grandiflora, beautiful plants, field-grown, well branched, 18-in., $3.00 per doz. I prepay express charges.
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Gardenias, good 6-in. plants, $6.00 per doz., $40.00 per 100.
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Gardenias, 4½-inch pots, at 25c each; 6½-inch pots, at 50c each. All plants in fine condition to force.
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Genistas, 3-in., $4.00 100.
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Geranium rooted cuttings. L. Francais, an improved Beaute Poitevine; Chautemarle, the best single salmon; J. Madeline, new dbl. light pink; Kleber, dbl. purple, best of its color, $2.00 per 100; $18.00 per 1000. Heteranthe, Dr. Beaumetz, Bellerophon, Mrs. J. M. Gaar, Mme. Noizet, Mme. Landry, J. Viaud, Canovas, $1.50 per 100; $12.00 per 1000. Cash. Satisfaction guaranteed or money refunded.
Wm. Bierstadt & Son, Springfield, Ill.

S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, M. Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Gloire de France and Mme. Barney, etc., 2¼-in., $2.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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1000 Geraniums J. Viaud. Good plants from 2½-in. pots, $1.25 per 100 or the lot for $10.00. 500 Mrs. E. G. Hill and 400 Bruanti, scarlet, at same price.
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Geraniums. Rooted cuttings of Buchner and Perkins at $1.00 per 100. By mail, $1.25.
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Geraniums of the best sorts, good and strong; no drawn plants, 3-in. pots, $2.00 per 100.
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Geraniums Nutt and La Favorite, 2½-in., $1.50 100. F. E. Bonham, Macomb, Ill.

Apple geraniums, 2½-inch, 3c. Seeds, 20c per 100. H. Steinmetz, Raleigh, N. C.

GLADIOLI.

Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladiolus bulbs, choice mixed, now ready for delivery. Price from 50c to $1.50 per 1000. Samples free. Frank Klotz, Bowling Green, O.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

HARDY PLANTS.

	Per 10	Per 100
Crataegus aprica, 2 to 3 ft.	$1.25	$10
Crataegus Arnoldiana, 2 to 3 ft.	1.25	10
Crataegus Carrieri, 2 to 3 ft.	1.25	10
Crataegus coccinea, 3 to 4 ft.	1.25	10
Crataegus Crus-galli, cut back, 2 to 3 ft.	1.25	10
Crataegus Crus-galli, cut back, 1 to 2 ft.	1.00	8
Crataegus lobata, 2 to 3 ft.	1.25	10
Crataegus mollis, 2 to 3 ft.	1.00	8

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Old Colony Nurseries, Plymouth, Mass.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
Peterson Nursery, Lincoln & Peterson Aves., Chicago.

Golden elder, 3-yr., $60.00 1000. Euonymus, 1-yr., 12 to 15 in. high, $60.00 1000. Box edging, 3 to 4 in. high, $50.00 1000. Achillea The Pearl, $5.00 100; A. rosea, $4.00 100. Aquilegia, $5.00 100. Santolina, large, $6.00 100. Coreopsis lanceolata, $4.00 100. Dianthus barbatus, $5.00 100. Funkia coerulea, $4.00 100. Gaillardia grandifl., $5.00 100. Helianthus max., $4.00 100. Delphinium formosum, $5.00 100. Hollyhocks, dbl. white, red, pink, yellow, 1-yr., $8.00 100; single, mixed, $6.00. Golden Glow, $3.00 100. Lychnis Haageana, chalcedonica, $5.00 100. Monarda rosea, $5.00 100. Myosotis palustris, $3.00 100. Anthemis tinctoria, $5.00 100. Heuchera sanguinea, $6.00 100. Stokesia cyanea, $5.00 100. Pyrethrum roseum, $5.00 100. Papaver orientalis, $5.00 100. Veronica longifolia, $8.00. Platycodon, blue, $5.00 100. Digitalis gloxinaeflora, $6.00 100. Agrostemma coronaria, $5.00 100. Cash.
W. G. Eisele, West End, N. J.

HARDY PLANTS FOR FLORISTS' USE.
Shasta daisies. True stock of same, grown from divisions and cuttings of selected stock, just the thing to follow chrysanthemums. Extra strong plants, $6.00 per 100, $50.00 per 1000. Second size, $1.00 per doz.; $3.00 per 100; $20.00 per 1000.
Physostegia Virginiana (summer heather), entirely hardy perennial, fine for cutting for vases and bouquets, blooming season from July to November; divisions of same, $3.00 per 100; $20.00 per 1000.
Pyrethrum hybridum grandiflorum, from seed saved from Kelway's named collection, strong clumps undivided, $8.00 per 100.
Delphinium chinensis, sky blue, one-year-old clumps, $5.00 per 100.
I warrant satisfaction as to stock and safe packing or money refunded.
WM. A. FINGER, Hicksville, L. I., N. Y.

High grade nursery stock. Berberis Thunbergii, Spiraea Van Houttei and Clematis paniculata. Norway maple, extra fine, all sizes. California privet, $12.00 to $30.00 per 1000. Rhododendron max. and Kalmia latifolia. Wholesale trade list on application.
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BERBERIS THUNBERGII.
Strong, 3-yr.-old plants, 15 to 18-in., bushy and finely rooted, $10.00 per 100; $80.00 per 1000. Also trees, shrubs and other nursery stock. Packing at cost.
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Golden Glow, 4c. Phlox, finest named, 8c. Altheas, 10c. Japan quince, 8c. Syringas, 12c. Spiraeas, 10c. Weigelias, 10c; also fruit and ornamental trees. Write for prices.
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Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Complete Stock, Fruit and Ornamental Trees, Shrubs, Vines, etc. Send list for prices.
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My price list of native trees, shrubs and plants for the fall trade is now ready. Send for it. L. E. Williams, Nottingham, N. H.

5000 Delphinium formosum and 5000 Lychnis chalcedonica seedlings, good strong plants, $1.00 per 100. Cash, please. Geo. Engel, Xenia, O.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

A few thousand seedling Berberis Thunbergii and Rosa lucida. Write for prices.
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Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
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For your trees, shrubs, vines and small fruits send to
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Hardy perennials. We offer the best. Send for list.
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Heliotrope, blue, strong 2-in., 1½c; R. C., ¾c, mail. Cash.
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HIBISCUS.

Hibiscus, 3 varieties, $3.00 100.
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Hollyhocks. Double, large, field-grown plants, 6 separate colors, 4c; mixed, 3c. Cash.
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Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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Hydrangea roses, 1-yr. cuttings, $60.00 1000. Cash. W. G. Eisele, West End, N. J.

Hydrangeas, ready now, $10.00 per 100.
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Hydrangeas, strong, stocky plants from outdoor beds.
WITH 7 TO 12 FLOWERING CROWNS, $12.00 per 100—Thos. Hogg, Red Branched, Variegated-leaved.
WITH 5 TO 6 FLOWERING CROWNS, $9.00 per 100—Thos. Hogg, Variegated-leaved.
WITH 4 FLOWERING CROWNS, $7.00 per 100—Thos. Hogg, Red Branched, Variegated-leaved.
JACKSON & PERKINS CO., Newark, New York.

Hydrangea P. G., strong, bushy, 10c; tree shaped specimens, 30c.
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Iris Germanica. A fine assortment ranging in colors from pure white to sulphur yellow, delicate lavender, light blue, rich royal purple and bronze. Strong divisions, $2.50 per 100; $20.00 per 1000.
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Iris, finest Japanese and German, 10c.
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Hardy English ivy, large and small leaved var., 40c doz., $2.00 100, $15.00 1000.
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Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
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LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
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LILY OF THE VALLEY.

Large flowering clumps of valley from open ground at $15.00 per 100; $140.00 per 1000.
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Lily of the valley from cold storage in excellent condition, $1.50 100, $14.00 1000.
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Lily of the valley forcing pips, fine variety.
Julius Hansen, Pinneberg, Germany.

MIGNONETTE.

Mignonette, Allen's Defiance, strong plants in 3-in. pots; shipped in pots, $4.00 100. Cash.
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Double yellow nasturtiums, 2¼-in. pots, 60c per doz. Miss May Jacobs, Owosso, Mich.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
Charlesworth & Co., Heaton Bradford, England.

Just received an importation of Cattleya Trianae, all in good order. Correspondence solicited and inspection invited.
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Cattleya Trianae, imported plants in splendid condition. Write for special price.
A. T. Boddington, 342 W. 14th St., New York.

Orchids. Complete stock always on hand. Write for list and prices.
Julius Roehrs, Rutherford, N. J.

Orchid peat and leaf mold. Write for prices and samples. Charles Wage, Ohioville, N. Y.

Orchid peat and leaf-mold. Write for prices.
F. J. Scott, Loyd, N. Y.

PALMS, ETC.

Kentia Forsteriana, 3-in. pots, 3 plants in pot, 16 to 18 in. high, 8 to 10 leaves, 15c each by the doz.; $12.00 100; $10.00 per 100 in 500 lots; 4-in., 20c. Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 30 to 40 in. high, 75c to $1.00 each. 4-yr.-old Forsteriana, made up plants, 7-in. pots, 40 to 48 in. high with 6 smaller around, about 18 to 20 in. high, $1.50 each. Areca lutescens, 5-in. pots, 3 in pot, 30c; 5½-in., 50c; 6-in., 30 in. high, 3 in pot, 75c. Latania borbonica, 6-in., 50c. G. Aschmann, 1012 Ontario St., Phila.

Small palms for center plants for dishes, 2½-in. pots, 6 to 8 in. high. Areca lutescens, $6.00 100. Kentia Belmoreana, $8.00 100. Latania borbonica, 24-in., 5 to 7 leaves, 7-in. pot, $1.00 each; 28-in., 6 to 8 leaves, 8-in. pot, $1.50 each; 28 to 30-in., 7 to 9 leaves, 10-in. pot, $2.50 each.
Storrs & Harrison Co., Painesville, Ohio.

PALMS—Continued.

PHILADELPHIA-GROWN PALMS.

KENTIA BELMOREANA.

Pot.	Leaves.	High.	12	100
3-in.	4 to 5	12 to 15 inches	$2.00	$15.00
4-in.	5 to 6	15 to 18 inches	4.50	35.00
5-in.	6 to 7	18 to 20 inches	6.00	50.00
5-in.	6 to 7	20 inches	9.00	70.00
			Each.	12
6-in	6	20 to 24 inches	$1.00	$12.00
6-in.	6 to 7	28 to 30 inches	1.25	15.00
6-in.	6 to 7	30 to 36 inches	1.50	18.00
8-in.	6 to 7	34 to 36 inches	2.50	30.00

KENTIA FORSTERIANA.

Pot.	Leaves.	High	Each.	12
6-in	5 to 6	28 to 30 inches	$1.00	$12.00
6-in	6	30 to 32 inches	1.25	15.00
6-in.	6	32 to 36 inches	1.50	18.00

MADE-UP PLANTS.

Pot.	No. in Pot.	High.	Each.
7-in.	4 plants	32 inches	$2.00
8-in.	4 plants	42 inches	3.00
10-in.	4 plants	48 to 54 inches	5.00
10-in.	4 plants	60 inches	6.50

JOSEPH HEACOCK, Wyncote, Pa.

Pandanus Veitchii.

Pots.	Above Pots.	
6-in.,	15 to 18 inches	$12.00 doz.
7-in.,	20 to 22 inches	18.00 doz.
8-in.,	24 to 28 inches	2.50 each
12-in.,	pedestal grown	6.00 each

J. Welsh Young, Germantown, Phila., Pa.

Pandanus Veitchii, 12 inches high, 75c each; 18 to 20 inches high, 90c each; 24 inches high, $1.25 each; 25 to 28 inches high, $2.00 each. All of this stock are finely colored and shapely plants.
J. A. Peterson, Westwood, Cincinnati, O.

Kentia Belmoreana, 6 to 12 inches tall, 2½-in. pots, $6.00 per 100.
Kentia Forsteriana, 4 to 6-in., from flats, $3.00 per 100.
JACKSON & PERKINS CO., Newark, New York.

Kentia Belmoreana, strong plants from 3-in. pots, $10.00 per 100. Satisfaction guaranteed. Cash with order.
C. H. Kunzman, 3710 High Ave., Louisville, Ky.

Latania borbonica palms, fine, large plants, 12-in. tubs, price $2.00 each.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Palms, Dracaena terminalis, and other decorative plants. Grand stock.
Lemuel Ball, Wissinoming, Phila., Pa.

Sago palms, 4 to 6 leaves, $3.00 doz. Cash or satisfactory reference.
Geo. L. Miller Co., Newark, Ohio.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

500,000 pansy plants ready for shipment. Florists' International is the cream of pansies from leading European growers, strong transplanted, $5.00 per 1000. Seed bed plants, $4.00 per 1000, 50c per 100; in bud and bloom, bushy plants, $1.50 per 100. Giant pansies, very large flowering, rich colors, mixed, also separate colors, strong, transplanted, $3.00 per 1000. Seed bed plants, $2.50 per 1000, 30c per 100. Cash. Geraniums and bedding plants by the 1000 and 10,000 lots. Ferns, Piersoni and Boston, price and quality right.
Ludwig Mosbaek, Onarga, Ill. Onarga is 85 miles south of Chicago. I. C. R. R.

PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size, most perfect form, thick velvety petals, and greatest variety of rich and rare colors and markings. Every variety worth growing is in this strain, including all the best giant sorts, and they were grown from seed specially selected from the finest flowers of each sort.
Fine, stocky, field-grown seed-bed plants sowed thinly, all varieties mixed, $3.00 per 1000; 500, $1.75; 250, $1.00. Cash with order. Pansies a specialty for 30 years.
L. W. Goodell, Pansy Park, Dwight P. O., Mass.

500,000 pansy plants grown from my own seed; fine, stocky field-grown, seed-bed plants, sown thinly.
MY GIANT MARKET
are grown from seed selected from the finest varieties, $2.50 per 1000; $10.00 per 5000. By mail postpaid, 50c per 100.
GIANT STRAIN,
$2.00 per 1000; $8.00 per 5000. By mail postpaid, 40c per 100. Cash with order.
E. A. Blinn, Cromwell, Conn.

Over 200,000 Brown's extra select superb GIANT prize pansy plants, ready for shipment. By mail, 75c per 100; by express, $3.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansies, nice plants, in red, white, blue, black, yellow and purple, separate colors; also mixed kinds, $4.00 per 1000; by mail, 50c per 100. F. A. Baller, Bloomington, Ill.

Pansy plants, strong outdoor grown; high class mixture, 50c per 100 by mail; $3.00 per 1000 by express.
R. Kilbourn, Clinton, N. Y.

Pansies, strong, from imported seed, Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000. J. H. Rainsbury, Bernardsville, N. J.

Pansies. Mme. Perrett and from our own famous strains, 50c per 100; $3.00 per 1000. 2000 per $5.00. J. C. Schmidt Co., Bristol, Pa.

Giant pansy plants from fine seed, 50c per 100, prepaid; $2.25 per 1000; 5000 for $10.00. Cash. Byer Floral Co., Shippensburg, Pa.

Snow's Sunbeam pansies, in bud and bloom, 75c per 100 postpaid; $3.00 per 1000 by express.
Harvey B. Snow, Camden, New York.

Pansies, finest giants, mixed, strong plants, good per cent of Mme. Perrett, $3.00 1000.
John F. Rupp, Shiremanstown, Pa.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

Extra fine strain, stocky pansy plants, $3.00 1000; $25.00 10,000, cash with order.
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100,000 pansy plants, leading trade varieties, $3.00 1000, cash with order.
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Pansy plants, an extra strain, 60c 100; $4.00 1000. Cash.
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Pansies, good strong plants, $3.00 per 1000.
George Rentschler, Madison, Wis.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

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Pelargonium rooted cuttings, 10 best varieties, labeled, $2.25 per 100. Cash.
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PEONIES.

Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100, $75.00 1000. 500 at 1000 rate.
F. A. Baller, Bloomington, Ill.

Ne Plus Ultra, fine for market purposes. 5,000 strong at 10c each. Send for list of others.
Edward Swayne, Westchester, Pa.

Peonies, 400 kinds, some of the finest. Send 30 cents for complete Peony Manual.
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Fine collection of peonies including Festiva maxima. For prices write
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, best varieties, 12c.
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Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

POINSETTIAS.

Poinsettias, strong 3-in. pot plants, just right for pans, fern dishes and jardinieres, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate.
Chas. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias, 3-in. pots, $6.00; 4-in. pots, $10.00; 6-in. pots, $20.00.
Chas. Long, 1820 Buckius St., Sta. F, Phila.

Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
John Ziegenthaler, 1865 Buckius St., Phila.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

PRIMULAS.

Primula obconica, Chinese and Star, all large fringed flowers, full of buds; obconica in bloom in choicest colors, extra fine 5-inch, $2.00 per doz., to make room quick, $10.00 per 100. Cash. Order at once, as price will advance. Your money back if not worth $2.00 per doz.; 4-inch, $6.00 per 100.
Wm. S. Herzog, Morris Plains, N. J.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Chinese primroses, 3 and 4-in., will bloom soon, and obconica primroses, 3 and 4-in., mostly in bud and bloom, 3c each.
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Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

Chinese primroses for Christmas blooming, 3-inch pots, strong, $3.00 per 100. Cash.
C. F. Kreyeske, Sandusky, Ohio.

Chinese primulas, alba and rosea, 2½ in., $2.00 100; Forbesi, 2½-in., $2.00 100.
Storrs & Harrison Co., Painesville, O.

Primroses, 4 and 5-in., $6.00 and $10.00 100. P. obconica, 2½-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

Primula chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula Forbesii, nice stock, 2-in., $1.75 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Primula chinensis, 3-in., $3.00 100; 4-in., $6.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primula chinensis, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

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CALIFORNIA PRIVET.
Choice plants, well branched and stocky.

		100	1000
3 year, 3 to 4	feet	$3.00	$28.00
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2 year, 3 to 3½	feet	2.50	23.00
2 year, 2 to 3	feet	2.25	20.00
2 year, 1½ to 2	feet	1.75	14.00

Packing free. Cash with order.
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100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

Eisele's privet, cut back, heavy, 2½ to 3½ ft., $30.00 1000. 2-yr., 2 to 2½ ft., strong, $20.00 1000. 1-yr., 12 to 18 in., $12.00 1000. Cash.
W. G. Eisele, West End, N. J.

California privet, 1, 2 and 3-year plants, fine and bushy, $10.00, $25.00 and $30.00 1000.
Jas. Ambacher, West End, N. J.

500,000 plants of privet, all sizes up to 4½ feet. Write for prices.
James McColgan, Red Bank, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

California privet, extra strong, 4c.
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Roses, 2 years old. These roses have been potted some time and are well equipped with roots. They have made a nice branching growth and will be sure to please you. Maman Cochet, White Maman Cochet, La France, Helen Gould, Meteor, Kaiserin, Papa Gontier, Marechal Niel, Bride, Bridesmaid, Etoile de Lyon, Clothilde Soupert, Ivory, S. Pierre Notting, Ball of Snow, $1.00 doz.; $8.00 100. All of the above and also Crimson Rambler in 2½-inch pots. These have made a nice growth and are partly dormant. They can be packed light and safely shipped to any parts of the country. $2.50 100; $20.00 1000. Cash with order, please. JOHN A. DOYLE, Springfield, O.

Orders booked now for strong field rose bushes; will begin digging in about two weeks.
Maman Cochet $6.00 100; $50.00 1000
White Maman Cochet.... 7.00 100; 60.00 1000
Kaiserin 10.00 100; 80.00 1000
Cash with order.
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Roses, fine 2-yr., field-grown Gen. Jacq. and other best H. P.'s. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX, 20c.
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We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
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Crimson Ramblers, extra fine field-grown, 1-year, 2 to 3 ft., $8.00 per 100. D. Perkins, 3 to 4 ft., $10.00 per 100.
Tyler Bros., Du Bois, Pa.

Rose of Sharon, dbl. pink, 3-year, bushy, $10.00 100. Crimson Rambler, strong, $10.00 100. Packing free. Cash.
Jas. Ambacher, West End, N. J.

Tea roses, nice 4-in., for benching, $1.00 per doz., or will exchange for red honeysuckles or peony roots.
W. P. Ranson, Junction City, Kan.

Hardy perpetual standard and dwarf roses. Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

5000 strong 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

Bride, Maid, Ivory and Golden Gate roses, 3-in., $4.00 100; $35.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Roses, Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

3½-in. Brides and Gates, excellent stock, $30.00 1000; 2½-in. Maids, $20.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Crimson Rambler roses, 1-yr.-old, $6.00 100. Send for sample.
Ozone Park Nurseries, Ozone Park, L. I., N. Y.

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Manetti stocks for fall delivery.
HIRAM T. JONES, Elisabeth, N. J.

RUBBERS.

Ficus elastica, 4-in. pots, 25c; 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
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Ten large bushy rubber plants for sale, suitable for stock; cheap.
C. L. Reese, 772 So. Limestone St., Springfield, O.

Rubbers, top layers, 12 to 15-in., $3.00 doz.; 15 to 18-in., $4.00; 18 to 24-in., $5.00.
Joseph Heinl & Sons, Jacksonville, Ill.

Rubbers, 4-in., 25c; 5-in., 35c; top stock, strong. Cash. Byer Bros., Chambersburg, Pa.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Ficus, 4-in. pots, 12 to 15 in. high, $2.00 doz.
R. Vincent, Jr. & Son, White Marsh, Md.

Ficus, 6-in., $40.00 100; 4-in., $22.50.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

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Dwarf salvias, immensely popular, 4 early flowering varieties, $3.00 100.
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5000 Delphinium formosum and 5000 Lychnis chalcedonica seedlings, good strong plants, $1.00 per 100. Cash, please.
Geo. Engel, Xenia, O.

SEEDS.

Asparagus Sprengeri, fresh, 15c 100, $1.00 1000, $4.00 5000. Cyclamen per. gig., sep. colors, 75c 100, $6.00 1000. Berger's Never Fail pansy, finest mixture, 25c 1000, $1.00 5000. Pandanus utilis, $1.00 100, $8.00 1000.
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Rocky Mountain tree seeds. Picea pungens, P. Engelmanni, Abies Douglasii, Pinus ponderosa, silver cedar, concolor, Juniperus monsperma. Write for prices.
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New crop Shasta daisy seed, trade pkt., 25c; 1 oz., $5.00; 1 lb., $50.00. Prepaid. Cash, or C. O. D. Loomis Floral Co., Loomis, Cal.

ASPARAGUS PLUMOSUS NANUS SEED. Crop of 1904, $3.00 per 1000. Prepaid. Cash with order. J. F. Allen, Orlando, Fla.

Kentia Belmoreana seed, 50c for 100; $1.75 for 500; $3.25 for 1000; $6.00 for 2000.
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Long Island cabbage seed and American cauliflower; also other special seed stocks.
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Asparagus plumosus nanus seeds, our own growing, 75c 100; $5.00 1000. Cash.
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Turnip, parsnip, beet and onion seeds; also sweet corn. Write for prices.
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Asparagus plumosus nanus seed, new crop, $4.00 1000; 2000 for $7.00.
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Cyclamen giganteum seed, mixed, 200 seeds, $1.00; one-half pkt., 50c.
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Wholesale price list of seeds for florists and market gardeners.
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Rawson's Arlington tested seeds for florists. Catalogue free.
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Wholesale orders solicited.

Fresh Areca lutescens seed, $3.00 1000.
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SELAGINELLAS.

Selaginellas, 4-in., $7.00 per 100.
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2000 strong, 3-in. smilax, grown for my own use, $1.50 per 100. Changed plans necessitates disposing of them.
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Smilax plants, strong, bushy stock in 2½-in. pots, $15.00 per 1000. Cash with order.
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Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100; $9.00 per 1000.
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Smilax, large, healthy plants, 2-in., $1.25 per 100; $10.00 per 1000.
O. B. Stevens, Shenandoah, Iowa.

Smilax, 1000 nice plants, 2-in. pots, $1.25 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
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Smilax seed, ¼ lb., 75c; ½ lb., $1.40; 1 lb., $2.50.
JACKSON & PERKINS CO., Newark, New York.

Smilax, fine plants out of 2½-in., $1.25 100; $10.00 1000. J. C. Schmidt Co., Bristol, Pa.

Smilax, 2½-in. pots, $1.75 100; $15.00 1000.
Converse Greenhouses, Webster, Mass.

2,000 smilax, 3 to 4-inch, $3.00 100, cash.
C. S. Chase, Box 16, Dighton, Mass.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., 75c 100. Cash.
J. J. Arnold, Homer, N. Y.

STEVIAS.

Stevia, 2½-in., strong, $18.00 per 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevia, 4-in. pots, $5.00 per 100.
Converse Greenhouses, Webster, Mass.

STOCKS.

Stocks. Boston Florists' and Princess Alice, strong plants from seed bed, 75c per 100; 2½-in. pots, $2.00 per 100.

Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000.

Alyssum, dbl. Giant, rooted cuttings, 75c per 100. J. H. Rainsbury, Bernardsville, N. J.

SWEET WILLIAMS.

Sweet williams, dbl. mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

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Umbrella plants, good 4-inch stuff; 400 plants, 6c each. Cash.
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Umbrella plants. Nice 2¾-in., $2.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
KALE—Dwarf Green Curled Scotch, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants, 15c 100; $1.00 1000. Cabbage—Jersey Wakefield, Charleston Wakefield, Lupton. Lettuce—White Loaf, San Francisco Market.
Samuel W. Shanklin, White Marsh, Md.

Lettuce plants. Big Boston and Boston Market, strong transplanted, $1.50 per 1000; smaller, $1.00 per 1000. Cash with order.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

Lettuce. Big Boston and Boston Market, $1.00 1000; strong parsley plants, $1.25 1000. Cash. O. H. House, Babylon, L. I., N. Y.

Asparagus roots, Palmetto and Barr's mammoth, 2-yr., $3.00 1000; 1-yr., $2.50 1000.
J. H. O'Hagan, Little Silver, N. J.

Lettuce plants, Grand Rapids, $1.25 1000. Parsley, extra double curled, $1.25 1000.
S. J. Perry, Lock Box 33, Grand Rapids, Mich.

Parsley, moss curled, large, 25c; small, 15c per 100; all field-grown. Cash.
Mayer & Sons, Willowstreet, Pa.

Lorillard tomatoes, 3-in., $2.25 100. Cash. Satisfaction guaranteed.
Ray H. Palmer, Randolph, N. Y.

Parsley, large field-grown plants, 25c per 100; $1.25 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Lorillard tomato plants, true pot plants, $2.00 100; $17.00 1000. Benj. Connell, W. Grove, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vincas, field-grown, strong plants, $4.00 per 100. Nice young plants from 2½-in. pots, $2.50 per 100, $22.50 per 1000.
Geo. Baldwin, Linden Ave. & Superior St., Oak Park, Ill.

Vinca variegata, very strong plants, long vines as lifted from field, $4.00 per 100; $35.00 per 1000. C. M. Niuffer, Springfield, Ohio.

Vinca variegata, strong field-grown plants, with long vines. $5.00 100; $40.00 1000, cash.
A. S. Wallace, Montclair, N. J.

Myrtle (vinca minor), delivered now or in spring, $10.00 per 1000. Sendfor stock list.
S. J. Galloway, Eaton, Ohio.

Field-grown vinca var., first size, $3.00; second size, $2.00; third size, $1.00 100. Cash.
J. J. Arnold, Homer, N. Y.

Vinca major variegata, field-grown, full of fine leads, $6.00 100.
Nathan Smith & Son, Adrian, Mich.

VIOLETS.

10,000 field clumps, Campbell, Princess of Wales and California, all No. 1, $5.00 per 100; $45.00 per 1000. Campbell, Marie Louise and Swanley, 2½-in., strong, $3.00 per 100. California from flats, all summer, $1.50 per 100. See my fern adv. Cash.
Benj. Connell, West Grove, Pa.

10,000 violet clumps, field-grown, clean and healthy. Cash prices. L. H. Campbell, $4.00 per 100. Princess of Wales, $5.00 per 100. The violet grower,
A. B. Campbell, Cochranville, Pa.

Field-grown California and Princess of Wales violets, strictly first-class stock, from sand-rooted cuttings, $5.00 per 100.
Fred E. Hollard, Highland, Ill.

Violets. Princess of Wales, field clumps, bud and bloom, $5.00 100. Swanley White, field plants, $4.00 100.
Nathan Smith & Son, Adrian, Mich.

Violets, Marie Louise and Princess of Wales, $4.00 per 100. Cash. Money returned if not all right. Frank Berry, Stillwater, Minn.

Marie Louise and Campbell violets, 3-in. pots, $3.00 per 100; 2-in., $2.00 per 100. Cash, please. Geo. Engel, Xenia, O.

Violets, A1 stock from 3-in. pots; also field-grown Lady Campbell, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Violets, fine, field-grown. California, Princess of Wales, Lady Campbell, $4.00 per 100.
Walnut Hill Greenhouses, Independence, Mo.

Marie Louise violets, field-grown, $5.00 per 100; pot-grown, 3-in., $3.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Violets. California and Louise, 3-in. pots, $3.00 per 100; ready for planting.
S. M. Harbison, Danville, Ky.

Princess of Wales, 2-inch, $2.00 per 100, $18.00 per 1000.
Harmon & Henderson, Iola, Kan.

2000 strong, field-grown Lady Campbell, $3.50 per 100. Otto H. Bourdy, Lowell, Mass.

500 Princess of Wales from field, $6.00 per 100. R. D. Kimball, Waban, Mass.

Marie Louise violets, strong, field-grown, $4.00 100. Davis Bros., Geneva, Ill.

Violets Lady Campbell, field-grown, $4.00 100.
Converse Greenhouses, Webster, Mass.

Violets. 2½-in. Campbell, $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

Fine plants of Marie Louise, $5.00 100.
N. H. Sherwood, Southport, Conn.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; campanula (Canterbury Bell), dbl. mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

TO EXCHANGE.

To Exchange—Extra fine large carnation plants. Joost, Cressbrook, Marquis, McGowan and Prosperity for hardy herbaceous plants, Boston ferns, palms or any plants or bulbs suitable for the retail trade, or will sell cheap. Write what you have.
Tong & Weeks, Ashtabula, Ohio.

To Exchange—Surplus Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Pond and Roosevelt carnations, for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J.

To Exchange—Iris Germanica as offered in classified adv. for carnations, ferns, small palms or anything we can use. Write us.
Morton's Evergreen Lodge, Clarksville, Tenn.

To Exchange—Christmas peppers and tea roses, 4-in., for red honeysuckles or peony roots. W. P. Ranson, Junction City, Kan.

TO EXCHANGE—Continued.

To Exchange—Scott, Fisher, 2nd Joost, and Pond carnations for geranium cuttings.
W. H. Vance, Wilmington, Del.

WANTED.

Wanted—Bulbs in lots of 1000 to 10,000 each of the following: Tulips, select mixtures, crocus, hyacinths, separate colors, mixed; narcissus, all kinds; lilies.
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Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

Our box sells on its merits.
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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
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Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

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Fancy and dagger ferns, smilax, etc.
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For southern wild smilax write
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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

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Galax, bronze or green, and small green galax for violets.
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Green galax now ready for shipping by express. V. B. Bowers, Montezuma, N. C.

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Galax leaves, fresh, extra fine. Write
C. W. Burleson & Son, Linville, N. C.

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Clean and fresh, shipment direct from the swamp; 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00 H. R. Akers, Chatsworth, N. J.

Buy your moss now while we are curing it. 1 bale or 100 at 60c each.
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Model Extension carnation supports.
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Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1,000, $75.00 10,000. Also stemming wire, rose stakes, etc.
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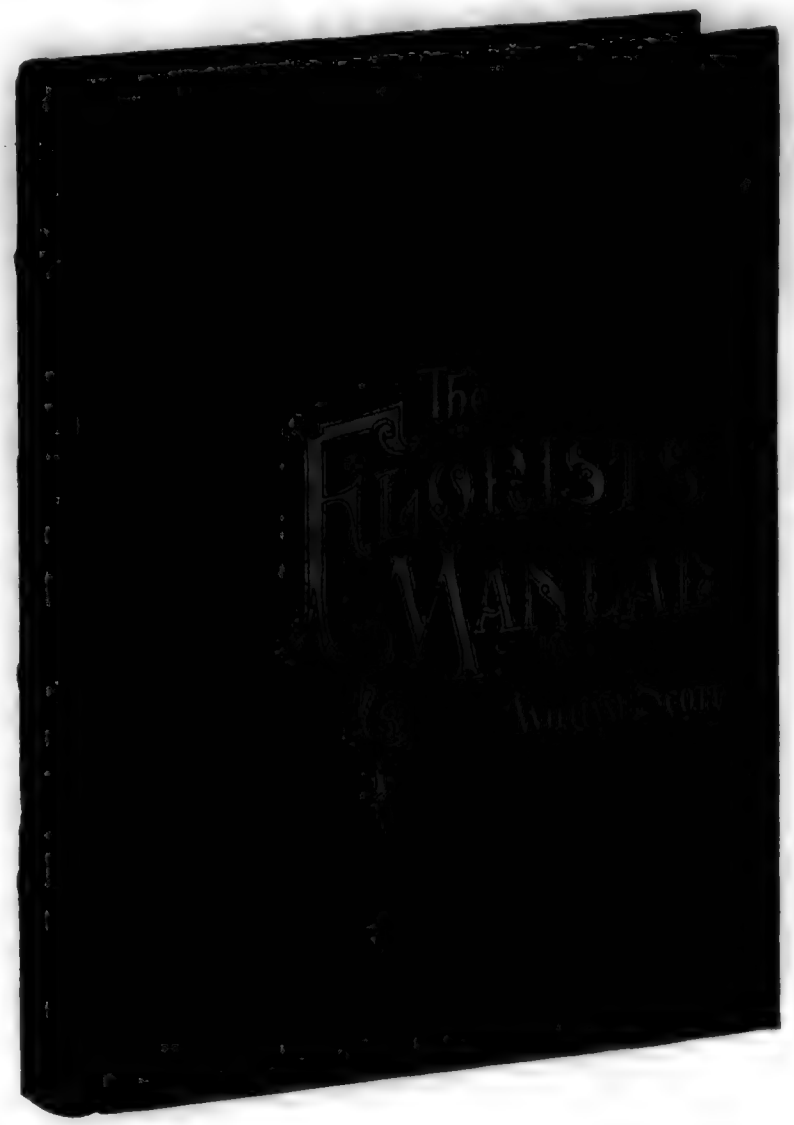
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The stems and stocks of tobacco which are waste products in manufactures are rich in potash. They contain from six to seven per cent of potash and about two per cent nitrogen, with about one-half of one per cent of phosphoric acid. It thus could really be termed a complete fertilizer in itself. For best results the stems should be finely ground before application. H. J. Patterson.

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This is one of the most beautiful greenhouse bulbs we have. It is quite easy to grow, and anyone with a cool house ought not to be without it. It is quite distinct from the amaryllis, and quite the reverse in its growth, as it makes its growth in winter. The bulbs can be purchased in August just as the flower-spike is about to appear. These should be potted in a nice open compost, two parts good loam, one of leaf soil, and a dash of sand. They are bulbs that do not require to be potted very often, for the less they are disturbed the better they like it. After they have done flowering and if they are making plenty of growth they should be frequently watered with manure water so as to get a good strong bulb for the following year. By the end of April or early in May the foliage will begin to turn yellow, which is a sign they are going to rest, and water should be gradually withheld. After the foliage has all died down, they should be stood in a cold frame in the full sun so as to ensure a good ripening. They are propagated by offsets, and these should be grown on under the same treatment as established bulbs, or they can be grown from seed, but this, of course, is a long process, as in most cases with bulbs. Some of the best species are N. Fothergilli, N. sarniensis, N. sarniensis corusca, N. Plantii, and N. rosea. A lot has been done of late years to bring them to the front by hybridizing, and these in many cases surpass the species both in size and color. Some of the best are Countess Bathurst, Lady Lawrence, Lady Lucy Hicks-Beach, Lady Mary Shelley, and Miss Wilmott. Nerines last in bloom a long time and are very useful for decorative purposes; and without a doubt they are one of the best classes of the South African bulbs.—Gardeners' World.



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25 "	14	25 "	14	100 "	14x16	100 "	16x16		

Sharp, Partridge & Co. 22d St. and Union Place, **Chicago**

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CINCINNATI.

The Market.

There is not a great deal of life in business, but a great deal of stock is being disposed of. Prices, even on the best grade of stock, are not as high as growers would like to see them. We have had several slight frosts but a heavy one is what we need to put business on a good footing.

Chrysanthemums now hold the boards and all other flowers have to take a back seat, more or less. There are very few orders for mums now that cannot be filled and there are some varieties that have to be pushed pretty hard to make them move. Pink, white and yellow varieties are now to be had, but as yet nothing in the fancy varieties is coming in.

Roses are coming very nicely. The percentage of good stock is much larger. There is not so much mildew and the general appearance is much better. Beauties are in larger supply and of better quality. Some very good Perles are coming, which sell well in this market. Carnations, too, are increasing in quantity and improving in quality. A few dahlias and gladioli are still seen, also cosmos.

Violets are a glut and have to be moved for almost nothing to get rid of them. It is still too early for this flower to do well in this market. Harrisii, callas and valley are in moderate supply and sell well.

Various Notes.

The committee in charge of the trip to the E. G. Hill plant at Richmond report October 27 as the day selected. Mr. Hill writes that the mums will be just right then. A good crowd is expected to go via the C. C. & T. R. R., leaving at 7:55 a. m. This is over the new road to Richmond, and besides giving those who go a chance to see another part of Indiana it gives a longer time in Richmond. As it requires ten in the party to procure reduced rates we want all who possibly can to go with us. The trip will surely be worth while.

J. A. Peterson is disposing of a lot of plants and palms at auction with considerable success.

Chas. Jones and Mr. Brooks are making preparations to open a retail store in Avondale. This is a very thriving suburb and already has two stores that are doing good business.

Mrs. Sherman Thomas, of Fort Thomas, has gone to Kansas City to visit her parents.

E. E. Hall, of Clyde, O., is with W. K. Partridge, of Lockland.

C. J. Ohmer.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

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$2 00 per 100. Special prices on large lots.

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Alyssum, Giant Double	$2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Camponula (Canterbury Bell), double mixed	3.00	
Ficus, 4-in. pots, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Plumbago, blue and white, 3 in. pots	3 00	
Roses, Marechal Niel, 3 in. pots	5.00	
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2 00	17.50
Sweet William, double mixed	3.00	

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A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract.

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I can truthfully say your Zinc Points are the best I ever used. They are easily driven and withdrawn and are stiff. Being straight on one side, they can be driven accurately; consequently the breakage of glass is very small. I have some in use four years, and they are still in place as good as new.—W. S. Roebeck, Fort Wayne, Ind.

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SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 1088-89-98-1100, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

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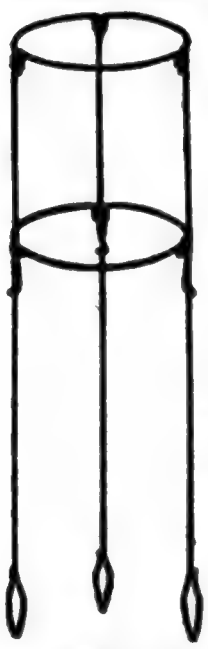
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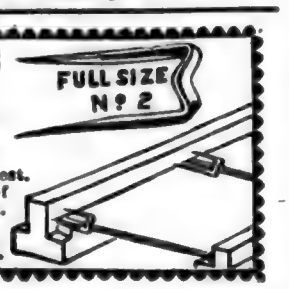
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Size						
No. 0	3x4 x20	$2.00	per 100;	$19.00	per 1000
No. 1	3x4½x16	1.90	"	17.50	"
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No. 3	4x8x18	2.50	"	23.00	"
No 4	3x5x24	2.75	"	26.00	"
No. 5	4x8x22	3.00	"	28.50	"
No. 6	4x8x28	3.75	"	36.00	"
No. 7	6x16x30	6.50	"	64.00	"
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No. 9	5x10x35	6.50	"	62.00	"
No. 10	7x20x20	7.50	"	67.00	"
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J. M. K.

The boiler described, if properly set and provided with good draught, should, when working to full capacity, supply steam for 2,500 square feet of radiation. To provide this a 4-inch riser will be required. The boiler should therefore be tapped for 4-inch pipe. The return, if made 2-inch, will be ample, although it is usual to find a 3-inch flange on the return if the flow is 4-inch. To get 2,560 feet of radiation would require 7,400 feet of 1-inch pipe. If long risers and returns are necessary the area of radiation in these should be computed and deducted from the 2,500 and the number of linear feet of 1-inch pipe computed on the basis of the radiation remaining after deducting the area in the flows and returns from the 2,560. If the risers and returns are short forty-two 1-inch pipes 175 feet long can be cared for by the boiler. This is computed on the assumption that steam under five pounds pressure is to be used.

L. C. C.

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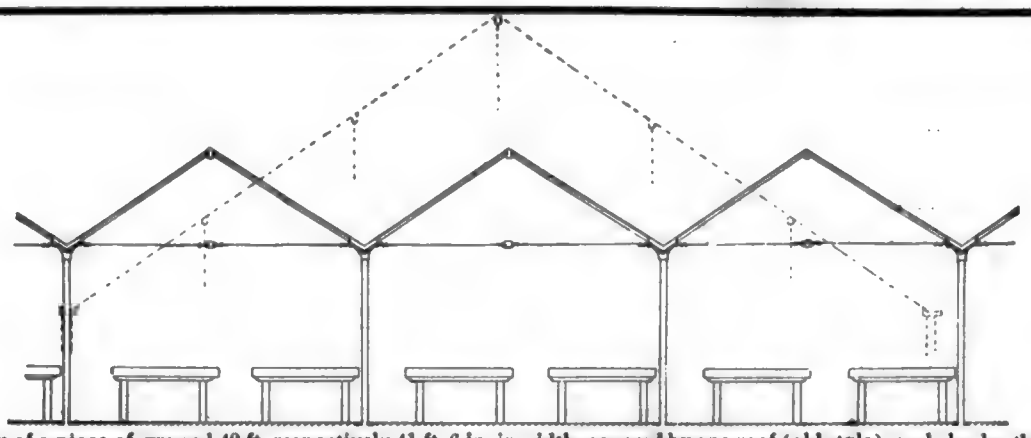
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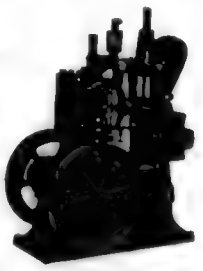
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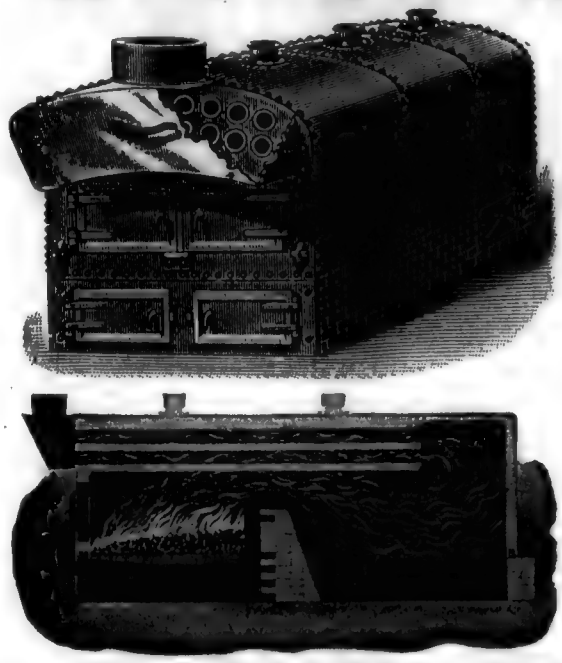
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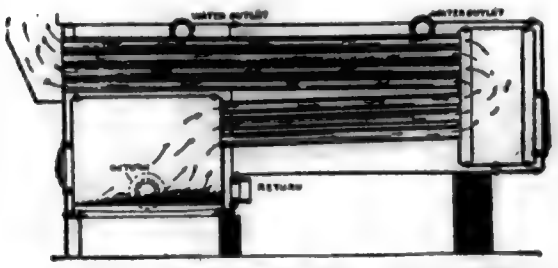
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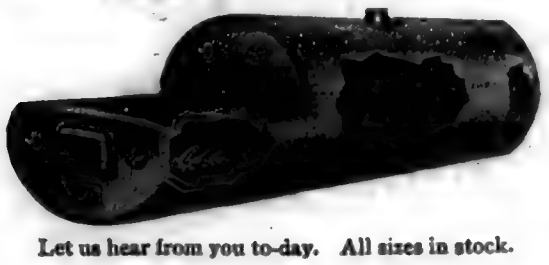
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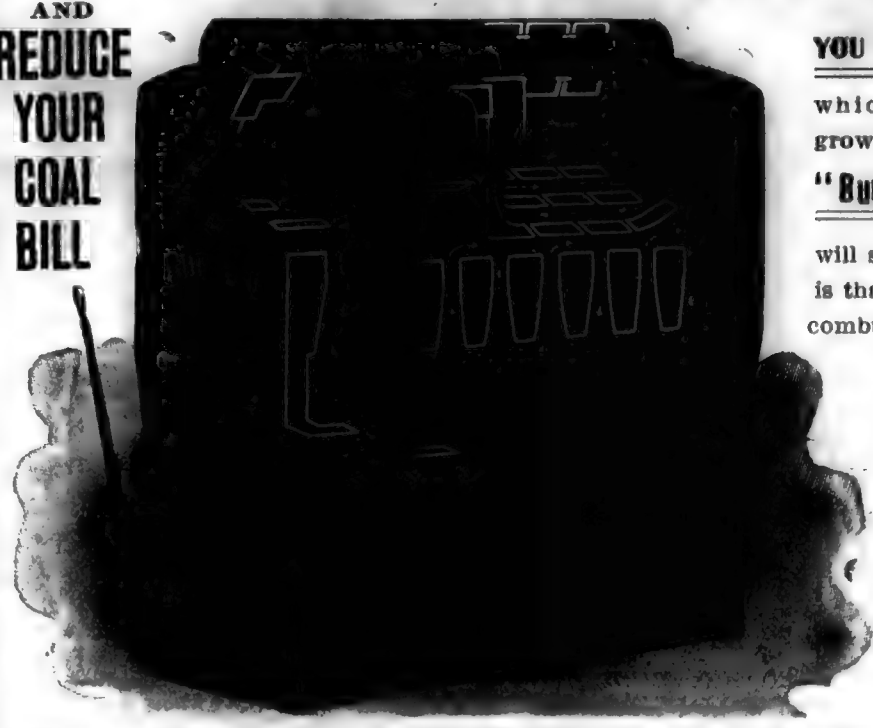
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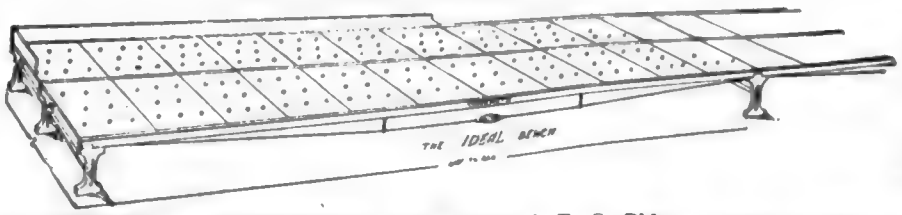
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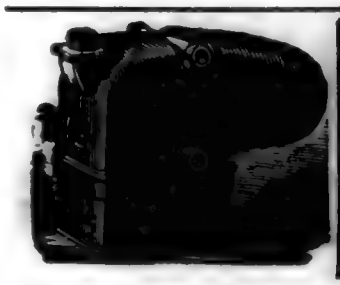
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, OCTOBER 27, 1904. No. 361.

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No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

			Per 100	Per 1000
Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
Bulbs 7 to 9 "	" 200	"	8.00	75.00
Bulbs 9 to 11 "	" 100	"	16.00	150.00

For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

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Scored 90 points commercial scale before the Cincinnati committee on October 8.

It greatly resembles Chadwick in size, form and color, and its value is enhanced by its maturing October 6 and 15.

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50c each; $5.00 per dozen; $35.00 per hundred.

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Well-ripened bulbs from the last diggings.

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A Point to Remember.

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Palms, Ferns, etc.

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Order Now! before cold weather compels shipping by express.

WHOLESALE PRICE LIST

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00		
" "	6	22-24	6-7	1.50		
" "	7	30-34	6	2.00		
" "	7	32-34	6	2.50		
" "	8	34-38	5	3.00		
" "	9	34-40	6	6.00		
" "	10	40-46	6-7	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00		
" " made up.	7	30-36		1.50		
" " single	7	32-36	5	2.00		
" " single	7	34-38		2.50		
" " made up.	8	42-48		3.00		
" " single	8	36-40	5	3.00		
" " single	10	58-64	6-7	8.00		
Areca Lutescens	4	14-16			3.00	
" "	5	20-26			5.00	
" "	6	26-30			9.00	
" "	7	32-36		1.00		
" "	8	34-38		2.50		
Latania Borbonica	2					5.00
" "	3					7.00
" "	4	12-14			1.50	12.00
" "	5	14-16	5-6		3.00	25.00
" "	6	16-18	5-6		6.00	45.00
" "	7	18-20	7-8		12.00	75.00
Phoenix Canariensis	4				2.50	20.00
" "	8			2.50		
" "	12	46-52		5.00		
Ficus Elastica	4	10-12			3.00	
" "	5	14-18		.50	4.00	
" " Branched	5				6.00	
" "	6				9.00	
" "	7			1.00		
Araucaria Excelsa	4	tiers	2-3		6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddeliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00		
" "	6			1.25		
" "	7			2.00		

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Utilis	3				$2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					$4.00
" "	5				3.00	
" "	6				5.00	
" "	7				9.00	
Nephrolepis Piersoni	6				6.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50		
Adiantum Cuneatum	2					3.00
" "	3				1.00	8.00
" "	4				1.50	
" "	5				2.00	
Ferns for Dishes	2	fine assortment				3.00
" "	4				1.50	
Dracaena Indivisa	4				1.25	10.00
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangena	5			1.00	12.00	
Dracaena Terminalis	4				3.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	
" "	5				2.50	
" "	6				4.00	
Asparagus Sprengeri	2					3.00
" "	3				.75	6.00
" "	4				1.50	10.00
" "	5				2.00	20.00
Asparagus Decumbens	2					4.00
" "	3				1.00	8.00
Asparagus Scandens	3				1.00	8.00
Fittonia Verschaffeltii	6	beautiful foliage plants			4.00	
Fittonia White	6	" " "			4.00	
Maranta Massangeana	6	" " "			4.00	
Maranta Lietzii	4	" " "			3.00	
Crotons	3	" " "			1.00	8.00
Crotons	4				3.00	
Poa Trivialis Var	3					6.00

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO.



A VIEW IN ONE CORNER OF THE FLOWER GROWERS' MARKET, 58-60 WABASH AVE., CHICAGO.
(OTHER VIEWS WILL BE SHOWN IN LATER ISSUES.)

THE MODERN way calls for the fewest possible handlings of cut flowers, and it was to provide a place where producers and buyers might get together in closest touch that the Flower Growers' Company, Chicago, was incorporated in 1902 and the present Market opened. Did you ever visit it? It's worth your while to do so; doubly worth your while if you are either a grower or a buyer.

Here are assembled each morning some forty large growers of cut flowers and plants (or their representatives) with their stocks, in the aggregate very much more than comes into any other wholesale establishment in the west.

And there the buyers come in crowds; the Market is the first morning stop of nine out of every ten city buyers, not because of the great variety of stock offered, though it embraces everything to be had anywhere else and many things not to be had elsewhere; not because of the assured freshness of the stock, all sold out clean each day; not because of lower prices, for current Chicago rates, closely regulated by supply and demand, must necessarily govern; but because here, and here only, the buyer meets the producer face to face, where each comes to know the other, to understand, one what the other needs, the other at which stand those needs can best be supplied.

Here the producer finds that unless the retailer is treated well and always given stock on which he can make a profit there can be no permanent prosperity. And here, too, the buyer learns to tie to the producer on whose stock he can depend.

THE PRESENT STAND-HOLDERS IN THE MARKET ARE:

Beu, Frank,
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Johnson & Carlson,
Jones, Percy, Growers' Representative,
Moore, N. C. & Co.,
Sinner Bros.,
Stollery Bros.,
Swanson, John A.,
Then, Anton,
Tonner, Walter L.,
Vaughan & Sperry, Florists' Supplies and Growers' Representatives,
Vaughan's Seed Store,
Wiffin, Chas.

The busy hour is, of course, 8:00 to 9:30 a. m. Come in any morning and see what business looks like.

THE FLOWER GROWERS' CO.

58-60 WABASH AVE. **PERCY JONES,** MANAGER. **CHICAGO, ILL.**

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We supply the Leading Florists throughout the UNITED STATES with "Up to Date" Supplies and Ribbons at lowest prices.

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PRICES HOLD GOOD WHILE STOCK IS UNSOLD.

	Per 1000
Roman Hyacinths, 12x15	$24.00
Dutch Hyacinths, mammoth, to name	65.00
Dutch Hyacinths, No. 2, to name	35.00
Narcissus Von Sion, double nose, The Champion	18.00
Narcissus Von Sion, single, mammoth	15.00
Freesia Refracta Alba, mammoth	7.50

Prices on all other bulbs — **Tulips, Azaleas, Rhododendrons, Roses, Spiraeas, etc**, given by writing to

F. W. O. SCHMITZ,

Prince Bay, N. Y.

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Write for Prices on

Dutch and Roman Hyacinths, Tulips, Narcissi, Callas, Freesias, Harrisii and Longiflorum Lilies, Mushroom Spawn.

FRESH TOBACCO STEMS,
Bale of 300 lbs., $1.50.

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LILIUM HARRISII.

"Semper Idem" Brand.
Bulbs are plump, firm, late dug.

5-7 inch.	100, $2 50	case of	400, $10.00	1,000,	$22.50
6-7 "	" 3 00	"	300, 9.00	"	27.00
7-9 "	" 5 00	"	200, 10.00	"	45.00

A few cases 5-6 inch, 500 in case, per case, $5.00
Send for prices on **Lilium Longiflorum.** They are very scarce.

HYACINTHS.

		100	1000
French Roman.	White, 11-13	$2 25	$21.00
" "	" 12-15	2.50	23 00
" "	Blue or Rose, 12-15.	2.00	18 00
Dutch Hyacinths, Fancy Grades—			
17 cms. up, extra fine bulbs		$3 25	$30 00
15 "		2 50	24.00
Dutch Miniature, in finest named forcing sorts		$2.00	$18.00

NARCISSUS.

Paper White **French True Grandiflora,** not the **cheap Italian,** 13 cms. up; 100, $1.00; 1 000, $8.75; case 1,400, $12 00.

	100	1000
Von Sion Double Holland extra select large bulb	$1.50	$13 00
" Large flowering bulb	1.10	10.00
Mixed Single and Trumpet, finest:	1 00	8.00

TULIPS.

	100	1000
Single Superfine, mixed	$ .60	$ 5.00
Double " "	.75	7.00

Assortment of named kinds.

Cyclamen Persicum Giganteum.

	Doz.	100
Bulbs 1⅛-2⅛ inch diameter, all colors.	$1.00	$7 00

CROCUS.

	100	1000
Named sorts, large bulbs	$0.40	$3.00
Separate colors	25	2.00

Freesia Refracta Alba.

	100	1000
Large, plump bulbs, ⅛-¾	$0 35	$3 00

CALLA ÆTHIOPICA.

	100	1000
3-5 inch circumference	$2 50	$20 00
4-6 inch circumference	4 50	40.00
5-7 inch circumference	6.00	55.00

SPANISH IRIS.

	100	1000
Separate colors or mixed	$0.25	$2.00

GLADIOLUS COLVILLEI.

	100	1000
The Bride (white)	$0 65	$6.00
Rubra (rosy red)	.65	6.00

TO ARRIVE: SPIRÆAS in Sorts. All Japan Lily Bulbs.

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Importers and Manufacturers of
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WHEAT SHEAVES,
Wicker Pot Covers, Plant Stands.

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BEGINNINGS IN DESIGN...

THE THREE LINKS.

A Simple But Difficult Design.

The design here presented is simple enough in plan, but not so easy of execution. It is necessarily made on a thin frame, if on a frame at all, and, with many stems crowded into this limited space, it is difficult to finish the surface smoothly and regularly. With this end in view, stem the carnations quite short and pay particular attention to the wrapping. Have a bunch of wire cut about an inch longer than is usually required and give them a longer as well as a tighter wrapping. In filling this narrow outline frame much of the workers comfort depends upon how tightly the sphagnum is packed in. There is more danger of its being too tight than too loose. The best test is to fill one link with sphagnum and then insert the flowers for a short distance on the top and two sides and see how they hold. If they hold firmly enough, or whether it requires too hard work to insert them or whether the calyxes or picks break in your attempt at inserting. With a few practice trials of this kind you will soon be able to judge in advance as to how hard your moss filling should be to meet the peculiar needs of each design.

Filling the Frame.

The middle link of this Odd Fellows' design is filled on top and on both inside and outside edges. In this case it is made of Joost carnations. The two end links are of white carnations filled on top and on the outside edge of the frame. The inside edge is covered with wood ferns, not the whole frond, but sections cut, each having its own stem and two opposite leaflets. They are just wide enough to line the inside edge of the frame if inserted lengthwise two or three deep. Some of them are strong enough in the stem to be inserted without picks. Many times in other places flowers and foliage are strong enough and sharp enough to be pushed into the sphagnum without stemming. Clear the lower end of the stem of spines, foliage, or branches, and insert quickly and firmly. Well-grown chrysanthemums, roses, carnations, well-matured fern fronds, either kind of asparagus, and many stems of woody structure will stand alone in the moss. Often the only hindrance is the blunt stem end. A single shave with a sharp knife will sharpen them sufficiently for this purpose.

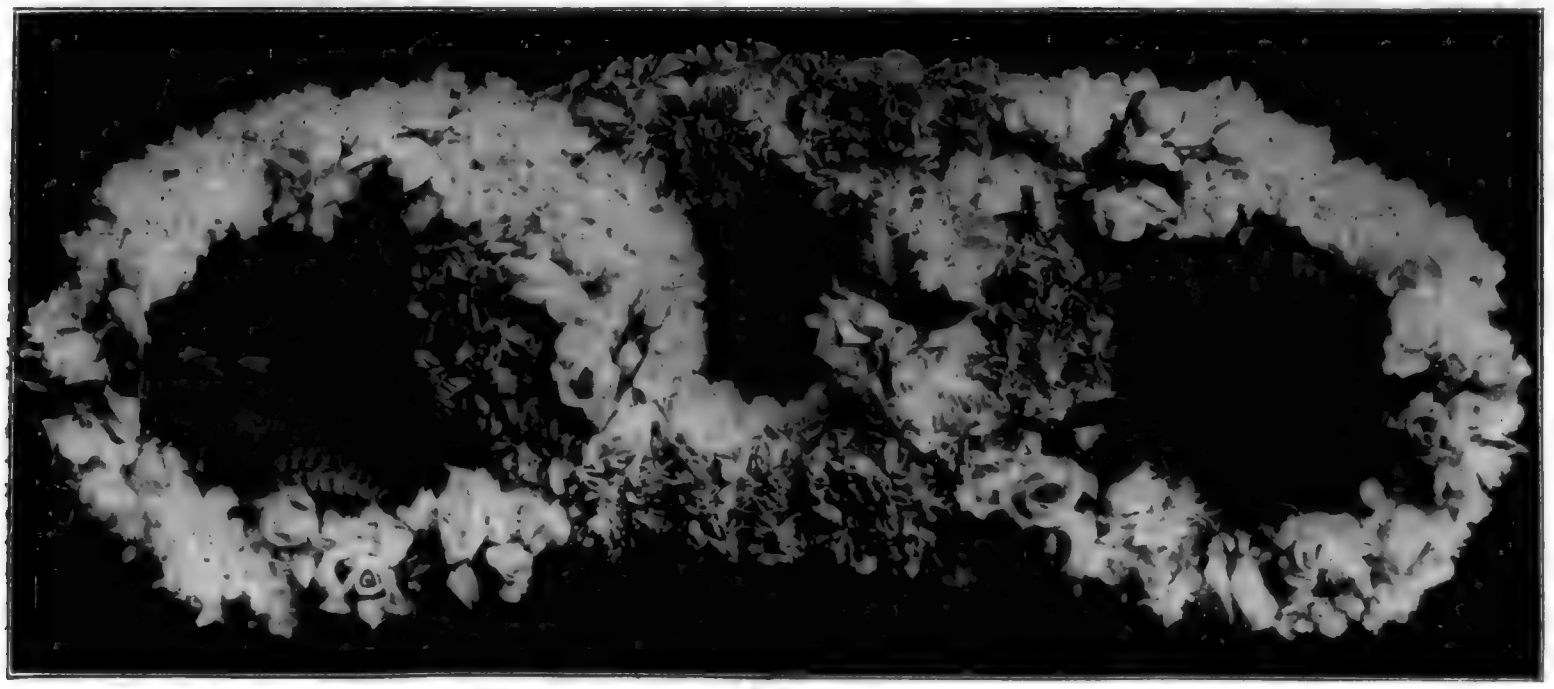
The coloring in this piece is what keeps the links distinct. The more striking the contrast, the more decidedly will the design be developed. Watch the carrying of the color carefully where the links cut each other. The center link should be cut twice by the intersecting links, and each of the others but once.

Trimming the Links.

The peculiarity of trimming in this design is the series of rosettes upon the top edges of the two extreme links. Stem on one pick two or three pink or white roses, in length from one to four inches, with a suggestion of foliage. Insert so that the cluster lies flat on the carnation background. Insert a similar cluster in the opposite direction, joining immediately upon the stem end of the first. See that sufficient space is left between the rosettes so that they will not run one into another. Watch that the roses which have decidedly curved stems lie on the curved parts of the link, thus falling in line harmoniously without breaking the outline of the design. On account of the heavier appearance of the center link the rosette trimming is kept on the outside links only, the purpose being to preserve the balance.

Another good way of making links is to construct a solid panel, preferably rectangular or oval in shape, of any suitable background material and trace the links in the center with either a single or double line of carnations or other similar flowers, as the case may require. Then whatever trimming is used should be kept well away from the links and be in light lines and contrasting colors.

Other color combinations for the design herewith illustrated: One crimson, one light pink, one white link, the colors arranged in the order named: yellow, green and white; purple, light pink or lavender and white. GERTRUDE BLAIR.



The Three Links of the Odd Fellows, Middle Link Pink Carnations, Ends White.

OUTSIDE COMPETITION.

There are a great many retail florists who think the latania is a thing of the past. They say that of all palms it is the slowest seller and they refuse to buy even at prices which are below the cost of production to the growers. The result is that in a number of big ranges of glass where the latania once flourished it is seen no more, the space being given to kentias and arecas. But the idea that the latania cannot be sold is a mistake. There is a greater demand for them than can be supplied. The department stores all over the country are looking for 4 and 5-inch latanias. They will pay a better price than the florist will—often he won't buy at any price—and will sell thousands, sometimes at cost, for an advertisement, but usually at a profit of fifteen to twenty per cent. Of course these special sales are not always to the liking of the florist in the vicinity—though he can usually duplicate the stock and the prices if he will—but no more does he like the department store's Saturday special sale of cut flowers. Some of the department stores are using immense quantities of cut flowers for special sales. They usually refuse to pay over $15 per thousand for roses or $10 for carnations. The florist can get these prices on thousand lots whenever the department store can. Spend a few dollars in advertising in the local newspaper and the terrors of department store competition will vanish.

CARNATION NOTES.—EAST.

Mulching.

The question of mulching at this time of year depends upon circumstances, or, rather, conditions decide whether or not it is advisable this early to mulch at all. If the soil was of proper quality at the time of filling the bench and careful cultivation, watering, etc., kept up since, there is not need of much fertilizer, as comparatively little food elements have been taken up by the plants.

It is well to remember that field-grown plants in the vigor of health have much energy stored up within and in their efforts to become established in their new quarters draw upon this stored energy. This is obvious when it is considered that in lifting the delicate feeding roots are disarranged or broken off and rendered useless for the time being. This time varies in the different varieties and must be considered in catering to the needs of each.

From the fact that little food is required by the plants during the period of reëstablishment, it has seemed advisable to add to the bench soil at the start but a small quantity of bone meal, applying later at intervals in such amounts as are needed, thus making it possible also to give each variety the special attention its peculiarities demand. Then, too, a mulch tends to prevent air from entering the soil and the sun from playing on the surface. We need all the sun possible at this time and as the days grow short, so the amount of sunlight grows less.

So, then, instead of mulches, I would advise light top dressings of a mixture of soil and bone, occasionally substituting hardwood ashes for the bone.

In the case of stock grown under glass all summer the method of proceeding would be different, but will treat of this later.

Geo. S. Osborn.

MISCELLANEOUS SEASONABLE HINTS.

Variety the Condiment.

We are now in the first flush of the glorious chrysanthemum season and will revel in it, in all its varied forms, for another month, and then will come dark weather and roses and carnations will assert themselves. And there are others. Variety is the spice of life. This is true intellectually as well as in the grosser needs of men, and so it is in flowers, for those who can constantly enjoy the luxury of their presence. The wonder is that our patrons are satisfied with the meager variety that is offered.

Paper White Narcissus.

If there is any money in this pretty flower at any time it most assuredly is at the holiday season. There are times when we can get along without it, but at Christmas it is invaluable. I mention this now so that the Christmas crop can be brought into the houses at once. You can force out this early flowering bulb in a short time in a strong heat, but that is not the way to do it. Give it seven or eight weeks in a night temperature of 50 to 55 degrees and the flowers will be larger, the stem stouter and the stock in every way of better quality than those forced in a higher temperature in half the time.

Don't think that down on the ground alongside the paths is good enough for the narcissus. It must have the fullest light, and it's worth it, and if all the flowers are fully out a few days before they are cut, so much the better, for the flats can be removed to a very cool house to their advantage. With a poor light these bulbs seem to grow all to leaves, with small flowers. In the fullest light the opposite is the case.

Roman Hyacinths.

We usually commence cutting Romans by the middle of November. Very early forcing requires a strong heat, but as the season advances less heat is needed. I think for the retailer that Romans pay best to have a few flats in bloom during every week they are available. Yet Christmas, of course, demands an extra lot and these should be given plenty of time, for size, quality and durability of the spikes will be much superior if given light and moderate temperature over those unduly forced. Don't say you can't afford proper bench room for these bulbs, for, considering the short time a crop occupies a bench and the amount of bloom you cut, the space required is very small.

Sweet Peas.

As admitted before this, we failed for years to pick sweet peas before Easter, simply because we allowed bottom growth to spring up and smother the original growth that would have given us flowers at Christmas. In many places the pots of sweet peas will be put on the bench immediately the early mums are removed. Some growers may have sown them where they will flower. In any case keep the strong growth that will start from the lower eyes carefully picked off, also all lateral growth. From the time they are out of the ground until you pick flowers the vine should be encouraged to keep growing straight up, for it is when the vines are allowed to drop over that a stronger growth from the base of the plant is encouraged, as in so many of our other plants.

There is nothing better than a cheap, coarse string for the vines to climb on and 50 degrees at night is high enough, with the fullest light you can give them. Four or five inches of soil is enough and head room of six feet. A deeper soil may keep them longer in bloom, but a succession of crops is better than old vines. Sow again in a week or two, for a February picking.

Gardenias.

It is rather out of season to say anything about that most fragrant flower, the gardenia. It is likely to be the fad this winter in some fashionable communities. You can offer no criticism for admiration of these delicious flowers, a miniature camellia with a delightful odor. I saw some splendidly grown plants a few days ago. They were in 6-inch or 7-inch pots, with their glossy foliage as fresh and green, and perhaps more so, as they could be seen in Florida or Alabama. Cultivation in pots is not what the commercial man would give. Planting out on a well-drained bench in five or six inches of soil is much more satisfactory in every way, with young plants that are planted in the spring.

I remember hearing a florist friend on his return from California tell us that gardenias were well grown and flowered under glass by the florists of San Francisco and the principal point he noticed was that each plant was growing on a little mound; that is, at the stem of the plant the soil might be seven or eight inches deep, sloping away between the plants to three or four inches. There may be a good point in this, as it would keep the roots from becoming saturated or constantly wet, which the necessary frequent syringing of plants would be liable to cause.

More about these lovely shrubs later. Just now they do very well at a night temperature of 60 degrees with a daily thorough syringing. Mealy bug is their worst insect enemy. The buds appear on the ends of the growth and any lateral growth just below the buds should be pinched out. Thousands of these gardenia flowers will be sent north this winter from the southern states, still a home-grown one is worth a dozen for purity and sweetness.

Roses for Pots.

Last fall countless thousands of nursery-grown roses of all descriptions which were to have been dug and put in storage, were frozen in the ground to stay until April's sun thawed them out. About November 16 hard freezing commenced and we all exchanged remarks: "This will only last a few days. Lots of time yet to dig up roses, etc." Nurserymen were hit much more seriously than florists, but we all felt it. It is improbable that we shall soon again see such an early and continuous winter, yet it taught us a lesson.

The longer you can leave the hardy roses in the ground (I allude to the hybrid perpetual and Ramblers) that you intend to force, it is to their benefit. Light frosts ripen their wood, take off all the foliage and put them in that perfectly dormant state in which the disturbance and loss of roots is little felt. With us about November 10 is right. It would have been all right last year, but procrastination is a disastrous element in the make-up of lots of us.

For forcing purposes use one-year-old plants that had their roots shortened back and their growth cut back to one or two eyes and were planted in your own ground last spring and have made four or five canes three or four feet long. Perhaps the majority of florists depend, however, on buying these plants from some good nursery house. If so, ask as a favor that these roses be dug and shipped to you by express the same day. With the hybrid perpetuals a day or two of delay is not so serious, and they recover from a drying out, because in the spring you cut off three-fourths of the growth and leave but a few eyes to break. But

with the Ramblers it is of the utmost importance that there should be no delay between digging and potting, for these are not cut back, either in fall or spring, and a heavy growth has to be started by few roots and those not working.

Readers who do me the favor to notice these hints know that I advocate a more expensive but surer way of growing Ramblers for forcing, yet there are thousands lifted from the field and flowered the following spring. With the hybrid perpetual it is the only way for the commercial man.

As soon as dug or received pot without delay. The hybrids planted in the spring and lifted with care, saving every possible root, will want a 6-inch or 7-inch pot. A heavy clay loam, with a fourth of cow manure, not too rotten, will do for all of them. Pot firmly and give them a good soaking.

Storing for Winter.

I forgot to mention that little pruning should be done to the hybrids when lifting them. You may shorten back the canes one-third and with the Ramblers only the unripened tips of the long growths. In an hour or two after watering lay the plants down in rows with the pots on their sides touching. A row five feet wide will do. Then another row of pots, the tops of the plants overlapping the pots of the first row, and so on, making as long a bed as you need.

Choose for this storage bed, as we will call it, a piece of ground that water will not lie on, even in a thaw. After your plants are in place, if some of the tops are unruly and stick up, run a piece of strong twine across the bed here and there to hold them down. Then cover the whole bed, pots and all, with five or six inches of garden soil, or any soil you have at hand. Soil dug from each side of the bed is proper, because that helps drainage. In ordinary seasons, after an inch or so of frost has penetrated the soil covering these roses, a cover of six inches of leaves or stable litter will be all that is needed to keep the soil in the pots from freezing, so at New Year's they can be taken up and removed to a cool house. If there is little snow and much zero cold, then give more covering. This envelope of moist earth will restore shriveled wood and they will come out at New Year's with wood and eyes fresh and plump and in fine condition to gradually start growing.

William Scott.



RECORDS OF CUTS.

Every grower who wishes to keep up with the procession should have a system of record-keeping, so that he may be able at any time and at the end of the season, to tell exactly what each house, variety and grower is producing. By this means he will be certain to arrive at conclusions which should be a guide for the coming season. Not only will this be a true guide in cultural methods, but, if the system is complete, it will include records which will enable him to grow the varieties in the proper quantities which his customers call for, thereby eliminating, or at least reducing the waste to a minimum.

Each house should be supplied with a case into which a card can be inserted to protect it from damp and sunshine. This card should show each day of the month and contain a space for each variety planted in the house. Provision should also be made for showing the morning and evening cuts separately, a copy of which should be handed to the manager immediately after each cut is taken.

In the sorting room similar record-keeping should be in force, so that after grading each house, variety and grower may be credited, according to the merits. The manager will, by a daily comparison of records, be in a position to know nearly what he can expect from each house and by consulting the sheets he will be able to ascertain whether the cut is on the increase or decrease and take orders accordingly.

Careful Handling Essential.

The care of the stock between the time of cutting and shipping is a very important duty and should be entrusted only to qualified help, as many of the "kicks" coming from customers can be traced to the poor methods adopted in keeping stock and to ignorance or carelessness in packing. Having well-trained help in charge of this department enhances the value of the stock, keeps down waste, pleases our customers, and by adding to our reputation gains us new ones.

Neatness and cleanliness in packing, generous count, dispatch, and, above all, a determination to please our customers, will result in adding to the list, forming and cementing a friendship which should ever exist between customer and grower to the advantage of both. Ribes.

TOO MUCH RED SPIDER.

I send some foliage of Liberty for your inspection. Will you please inform me what the trouble is and what I can do to remedy it? These plants have been doing fine up to about the last week in September and the rest of my roses are still all right. J. R. E.

The rose leaves were in too dry a condition when they reached me to allow of a correct diagnosis, but under the microscope they showed undoubted signs of being infested with red spider; in fact, there were more spider eggs enclosed in that envelope than I would care to see in a Meteor house of 3,000 square feet. Keep the syringe going on each side of the bench on every bright day and see that the spray reaches the under side of the leaves, where the spider makes his home. The leaves are of good quality and must have been produced on vigorous, growing plants, but the spider has entirely destroyed their usefulness.

Ribes.

THE WRONG CULTURE.

Will you please tell me why my roses do not hold up better? They wilt too soon after taking out of ice box or cellar and they seem rather small to me, although that is probably owing to hot weather. I planted them in March on raised benches in five inches of soil. The soil was prepared last fall, using two-thirds gumbo and one-third rotted cow manure. Gumbo seemed to me to be the most available, as we have no clay and my soil is a sandy loam. The foliage looks healthy and they have made a good growth, American Beauties trying to climb out of the roof, but the flowers are small. We shaded lightly up to about six weeks ago; since then have had no shade. They had a mulch of rotted cow and horse manure on all summer, but took it off recently. We have used no liquid manure as yet, as the weather has been too hot during the past six weeks. We had thrips on them during most of the summer; then they disappeared for awhile and reappeared about three weeks ago. How can I get rid of them? I have mostly Brides, Gates, Maids and a few Beauties and Kaiserins. I send you a sample of the roses. C. B.

I am always glad to help by advice those brethren who may get into trouble with their roses, and particularly so when the case is stated so explicitly as C. B. has stated his. This simplifies matters and gives me a chance to advise in such a way that some benefit may be derived.

The reason why these blooms are deficient in keeping qualities is because they are grown in too close an atmosphere. This is indicated by the texture of the foliage and by the spongy nature of the calyxes and petals. And under such conditions small, poor keeping blooms are the natural result. This also accounts in a measure for the Beauties having a tendency to climb.

Roses planted from pots never require shading, even during the hottest weather, and any stock so treated is certain to show the effect of it during the winter months by weak growth, a sure index of an impaired constitution. Liquid manure should not be applied to such stock until it has regained a vigorous growth, as any stimulant which acts so quickly as this does is apt to sicken the plants and aggravate the trouble.

True gumbo soil, which I subjected to a searching analysis about two years ago, contains few of the essential elements for successful rose culture and should not be used, even as a mixture, almost any

other soil from pasture land being preferable.

It is rather a dangerous proceeding to remove mulching after it has been on for a sufficient time to allow the feeding roots to enter it, as this exposes these very tender members to the sunshine and dry air, under which conditions they are certain to wither and die, thus leaving the plants in a starving condition. Better keep adding to it lightly and frequently.

Try a night temperature of 56 degrees, with plenty of ventilation, giving particular attention to night ventilation, even at the expense of a few extra tons of coal. Keep the air sweet and have the foliage dry before sundown.

Thrips can be kept in subjection by a systematic fumigation, doing it frequently and lightly. Thrips are frequently introduced into the house with the mulch, and are certain to be so introduced if the mulching material has been neglected and allowed to be overrun with weeds during the summer, as such places are their favorite stamping grounds. Ribes.



KEEPING SHOW FLOWERS.

Owing to the fact that flowers will not always open just when they are wanted, and an exhibition on any given date will not be suitable for all varieties alike, as to time of flowering, it is often necessary to put flowers away in cold storage to hold them in perfect condition.

Flowers to keep well should be cut just as soon as they are fully open and before being placed in water every stem should be tied to a bamboo or wire stake, so that there shall be no strain on the neck of the flower. With very stout-stemmed kinds like Appleton this may seem unnecessary, but I believe it always pays, because it keeps the stem straight and allows the water to pass freely up to the flower. Barrels cut down a little are the best thing to set the flowers in and they should be half filled with water.

The best place to store the flowers is a cool, dry cellar with only just a little light and a temperature as near 40 degrees as possible. It is not necessary to change the water oftener than every five or six days, as too frequent handling is apt to bruise the flowers considerably. A few drops of ammonia or a pinch of salt will keep the water from smelling badly.

Flowers treated in this manner will keep in good condition for three weeks or more and, because the stem is soaked full of water, they generally keep in better condition during a show than flowers cut only the day before.

Any flower should be placed in water at least twenty-four hours before it is exhibited and, if the stems are very long, forty-eight hours is better. If this plan were always followed we would not see so many of the long-stemmed classes looking like 30 cents or less the second morning of an exhibition.

Methods of Staging.

There seems to be a disposition in some quarters to regard any method of staging other than the one of six, twelve or more long-stemmed flowers in a vase as a retrogression and a violation of precedent and good taste. While all will recognize the fact that the big vases are spectacular and very effective, the classes calling for 15-inch stems, one flower to a vase, are as attractive to the general public as anything in the show, and they will keep in good condition for a week should the show last so long as that. I think there is lots of room to exhibit both ways, and any other way that may suggest itself to the mind of the show promoters.

Exhibiting.

Exhibiting entails a good deal of work on the exhibitor and the results, even if he is successful, are out of all proportion to the labor involved, but the satisfaction of winning is something that cannot be counted in a mere monetary sense, as every grower knows. Where seven or eight years ago the prominent exhibitors could almost be counted on one's fingers, today they can be counted by the hundred, and the end is not yet, by any means. The desire for a country estate by the wealthy is indirectly responsible for this. As soon as one gets the establishment running, then comes the desire to beat his neighbor in raising something, and one of the first things the gardener turns to is the mum. The result is everywhere seen, and today the quality of the flowers set up at a dozen shows in the east is not surpassed anywhere in the world.

By the time these notes are in print the shows will have begun and culturally there is nothing more to tell, but we will keep a careful record of varieties exhibited and report our impressions later.

Brian Boru.

EARLY MUMS.

Please give a list of best early chrysanthemums, pink, white and yellow. We have Glory of Pacific, Willowbrook and Parr, but are looking for something better. I do not mean earlier, but ones that will bloom about the same time as the above. S. F. P.

There are three standard yellows that are quite largely grown for early, Monrovia, Omega and October Sunshine. These can be had by October 1. These are all fairly good, the last named being best. Mrs. T. W. Pockett will come in by October 8 and is very fine. The new Merstham Yellow, as exhibited before the C. S. A. committee on October 1, easily discounts either of these kinds, as it is of exhibition size and finish. For some reason a great call developed for early yellows this year and they were very profitable.

Pacific seems the best pink for earliest work, though Lady Harriet and Mrs. Coombes can be cut in grand shape by October 5 to 10. I know of nothing new in early pinks this year.

In whites I would ask nothing better than Alice Byron to come in October 5, following immediately after White Pacific. The white sport of Mrs. Coombes named Daphne will also be very valuable as an early pure white. The new Clementine Touset was shown on October 8 this year and is very large for its earliness in flowering. The color is a pinky white and it is a fine, big early mum.

It should always be borne in mind that to get early flowers and get them big, plants should be set out by May 15 on the benches. It is useless to plant late in June or July and expect fine flowers by October 1, whether the variety is naturally early or not. Brian Boru.

CHRYSANTHEMUM SOCIETY.

The Boston Meeting.

Just as we go to press we are in receipt of a telegram from Secretary Lemon announcing that the annual business meeting of the Chrysanthemum Society of America will be held at Horticultural Hall, Boston, on the afternoon of November 4. The revision of the constitution and the adoption of the new scales for judging will be in order. Address entries to Wm. Nicholson, Framingham, Mass.



Store of S. Hoffman, Cambridge, Mass.



S. Hoffman's Place at Cambridge, Mass.

Work of the Committees.

There were two varieties before the Chicago committee on October 22. Roi d'Italia, exhibited by the E. G. Hill Co., Richmond, Ind., color yellow, scored commercial scale 89 points. No. 10, exhibited by Nathan Smith & Son, Adrian, Mich., scored 72 points commercial scale.

One variety was before the Cincinnati committee October 22, Pink Queen, exhibited by Nathan Smith & Son, Adrian, Mich., color pink; Japanese incurved; scored commercial scale 89 points.

One variety was before the New York commitee October 22, "a seedling," exhibited by James Carstairs, New Rochelle, N. Y., color French white; Japanese reflexed; scored commercial scale 64 points.

One variety was before the Boston committee for examination on October 15. It was Daphne, exhibited by A. Herrington, Madison, N. J.; color white, Japanese reflexed, scored commercial (new) scale, 86 points. In the opinion of the committee the blooms were not far enough advanced for accurate judgment.

Two varieties were before the Chicago committee October 15, both exhibited by the E. G. Hill Co., Richmond, Ind. Clementine Touset, color white, shape and form on the order of the Queen, scored commercial scale 88 points. Reveil des Belges, color yellow, scored commercial scale, 90 points.

Two varieties were before the New York committee October 15. Daphne, exhibited by A. Herrington, Madison, N. J., color white, Japanese reflexed, sport of Mrs. Coombes, scored commercial scale, 85 points. Clementine Touset, exhibited by the E. G. Hill Co., Richmond, Ind., color white with pearl tint, Japanese, scored commercial scale, 85 points.

Two varieties were before the Philadelphia committee October 15. Daphne, exhibited by A. Herrington, Madison, N. J., color white, Japanese incurved, sport from Mrs. Coombes, scored commercial scale, 90 points; exhibition scale, 87 points. Clementine Touset, exhibited by the E. G. Hill Co., Richmond, Ind., color blush white, Japanese, scored commercial scale, 90 points; exhibition scale, 91 points.

Fred H. Lemon, Sec'y.

AZALEAS FOR FORCING.

We would like some information about azaleas for forcing for Christmas. Are the ones I have left over from last year the best or are the newly imported ones better? What temperature do they require at night?

H. J.

This subject has been ventilated within a very short time in the pages of the Review. It would seem reasonable to suppose that the plants you summered over and have well established in their pots would be the plants to force. The very opposite is the fact learned by experience. The newly imported plants are the ones to force for Christmas. Put them in a night temperature of 50 degrees for two weeks and then give them 60 degrees and plenty of spraying until the buds expand. Some may need higher than 60 degrees to get them well out by the desired time. I hope H. J. is aware of the fact that only a few varieties can be forced out at this early date. The best of all is the beautiful white, Deutsche Perle, the mottled white and pink, Vervæneana, and the deep rose pink, Simon Mardner. These three will fill the bill for Christmas. Some growers who have great heat at their command bring in that grand variety, Mme. Van der Cruyssen, but you had better not try it. W. S.



PRECAUTIONS NECESSARY.

Certainly if one wants variety in weather he has not looked for it in vain in our section. From one snowy, sleety, raw day to the warmest of the Indian summer kind has been a common occurrence. The latter is much more to be enjoyed than the former, although the high temperature has not been so good for violets as the colder days, and then, too, it forces the blooms on too rapidly, to the detriment of the crop later on. Therefore give all the air that it is possible to keep on, and take pains to keep the plants on the dry side in order not to be caught napping with a sudden change to wet, cold, raw, sloppy weather when you can hardly dry out the foliage if you try ever so hard.

The usual vigilance must be observed from now on—yes, more than usual—in keeping the crowns thoroughly clean and free from dead matter, such as old leaves, short-stemmed early bloom, etc. Some growers advocate using grape dust for the sow bugs, but we have never found anything much better than granulated sugar and Paris green. You want to hustle and exterminate all of this kind of stock at once, if you have neglected to do so before, as if left alone and they get much of a start they will eat hundreds of blooms on short notice. Of course the cleaner your house is of old wood and rubbish generally the less you will be troubled with vermin, still no house will be without them at the very best, as you can always find them indoors and out and they have to be killed.

Violets as Pot Plants.

If you have a nice local trade in potted stuff be sure and have some violets nicely established in pots to sell as window plants. If they are nicely grown and in full flower they prove quite attractive and last long enough to be desirable, even though they play out after a while from being placed in overheated rooms. Another thing in their favor is that they come at this time of year, when we do not have a large assortment of flowering plants for window decoration. If you have never given them a trial, do so this fall and see if it is not a good plan. While nearly every place has a certain "style" of trade, as I might call it, and runs to certain kinds of plants, still the enterprising florist can have his influence in shaping the demand if he sets out to do so in the right way. Generally speaking, he can sell anything, provided it is of good quality, and this is coming to be true more and more as the years go by. Take, for instance, the carnations that we grew only a few short years ago and thought very nice. Now most of them would be relegated to the waste box without our giving them any consideration whatever. "The world do move." Each grower must scramble to be on top, with the best that can be produced, both in cut blooms and in plants, even though it is hard scratching.

R. E. Shuphelt.

ANOTHER YOUNG FLORIST.

S. Hoffman, of Boston, is another young florist who is entitled to credit for his ability to hustle. He conducts two well located, busy stores in Boston, and last May took over the T. W. Dee place in Cambridge, which had been vacant all winter. He found the plant in the shape one might expect after being buffeted by storms through the coldest winter on record, without care or fire. Five months were spent in repiping, reglazing and repainting. There are eleven houses, now in first-class shape and well filled. Pot plants will be produced here for the local trade and two city stores. A large quantity of bedding stock will also be worked up for the spring business. Mr. Hoffman is only 26 years of age. For the transformation in the Dee place, which is shown in the accompanying illustrations, he gives credit to Bert Smith, who has had charge of the men engaged in putting the establishment in order.

A FINE PHALAENOPSIS.

The accompanying illustration is from a photograph of a plant taken at the establishment of Harry G. Selfridge, at Lake Geneva, Wis., and the following note is supplied by C. H. Gebhardt, the gardener in charge:

"Phalænopsis amabilis Rimestediana is one of the finest of the phalænopsis varieties lately introduced. The flowers are of the purest white and measure nearly three inches across. They flowered in the month of May and kept six weeks. They are from Java and can also be grown successfully in a cattleya house, but we grow them with our other phalænopsis in our East Indian house. They usually commence their season's growth in March, at which time the temperature of the house should be raised until the end of April, when the night temperature should not sink below 70 degrees and the day temperature range from 75 to 80 degrees, according to the brightness of the weather. This temperature we maintain until the middle of November, from which time we diminish the temperature to the end of December, when we give the plants their resting season, until about the end of March.

"The phalænopsis grows naturally in an always saturated atmosphere. We wet down the path between the benches, three times a day in their growing season and once a day at their resting season. Here in Wisconsin we ought to do that also at night in winter, when we have to fire so hard to keep up the even temperature required. If the outside temperature goes down to 28 degrees below zero, like last winter, it is a very hard job to keep up heat and have, at the same time, the required moisture. Happy those gardeners in a milder climate! We certainly don't let this phalænopsis get too dry in winter, as we would a dendrobium or calanthe. We just give them water enough to keep the surface moist.

"As I am not able to keep green sphagnum moss on the surface here, I dropped sphagnum entirely for our orchids and use only osmunda fern roots mixed with a little live sphagnum moss. I use only rain water and in summer shade heavy with roll shades. Ventilation I give only from the bottom, unless it gets too hot. I let the surplus heat escape through the top ventilation, but I don't like top ventilation on account of making the atmosphere too dry. I grow them in baskets suspended from the roof."



Phalaenopsis Amabilis Rimestediana.

AMERICAN CARNATION SOCIETY.

H. Weber & Sons, Oakland, Md., register My Maryland, white, a strong growing, large-flowered variety of good constitution and general habits, an early bloomer, very fragrant, a fine keeper and shipper and with good, long stems.

L. E. Marquisee, Syracuse, N. Y., registers White Enchantress, a sport from Enchantress, pure white, having the same general form as Enchantress but far more fragrant.

F. R. Thornton, Streator, Ill., registers Melody, identical with its parent in every respect except color, which is a pleasing shade of light pink, similar to, but better than Enchantress, has shown no tendency to revert back to the Lawson type in color.

Guttman & Weber, New York, N. Y., register Victory, a red seedling of exceptional promise.

Albert M. Herr, Sec'y.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Alexander Montgomery, Natick, Mass., submits for registration new Rose Welleseley, color deep pink; reverse of petals clear silvery pink; vigorous growth.

James Vick's Sons, Rochester, N. Y., submit for registration Aster Mikado (Branching Comet Quilled x Vick's Branching); centre stalk 18 to 24 inches high; branches nine to twelve in number, twelve to eighteen inches long; terminal flowers, one to each branch, three to six inches in diameter; lateral flowers few and unimportant; outer florets one and one-half to three inches long, one to one and one-half wide, flat, recurving, some slightly twisted; inner florets tubular, much twisted and curled; irregularly cleft, forked and expanded at tips; colors various; florets at first nearly white, shading to color near base, gradually assume a solid color in a few days and then present the appearance of a large ragged Japanese chrysanthemum.

Wm. J. Stewart, Sec'y.

WORLD'S FAIR FLOWER SHOW.

The spontaneous and unanimous manner in which the whole trade has taken up the subject of a World's Fair flower show in the few days since plans have taken definite form has assured the unqualified success of the great undertaking. While it is hoped and anticipated that the gate receipts at the show will pay all expenses, including the cash premiums, the greatest necessity was for a guarantee fund which should be sufficient to insure everyone receiving all the money which might be due him. In this respect the response has been particularly gratifying. The guarantee fund passed $7,000 on Monday and is still growing. Before the end of the week the total will be close to $10,000. The total of the cash prizes and all possible expenses has already been covered, but it is the purpose to invite all horticulturists to unite with the present guarantors, not that there is need for further resources, but that the active support of everyone in the trade is desired to further what the projectors hope to make the greatest flower show ever given in this country.

The full list of guarantors up to Wednesday, October 26, is as follows:

American Florist Co.	Juengel, Chas. A.
Asmus, Geo.	Kanst, Ed. A.
Breitmeyer, Phillip.	Kasting, W. F.
Buckbee, H. W.	Kroeschell Bros. Co.
Benthey-Coatsworth Co.	Kellogg, Geo. M.
	Koenig, Otto G.
Bassett & Washburn.	Kuehn, C. A.
Burton, John.	Lewis Pub. Co.
Berning, H. G.	Lord & Burnham Co.
Bertermann Bros.	May, John N.
Bushnell, D. I.	Moninger, J. C. Co.
Beneke, J. J.	Meinhardt, F. H.
Burpee, W. Atlee.	Peterson, W. A.
Cross, Eli.	Periam, Jonathan.
Cornell, Adolph.	Pierson, Frank R.
Deamud, J. B.	Pochlmann Bros. Co.
Dorner, F. & Sons Co.	Reinberg, Peter.
De Wever, C.	Rudd, W. N.
Evans, John A.	Scott, John.
Ellis, F. M.	Smith, Elmer D.
Fillmore, F. J.	Smith, Wm. R.
Florists' Exchange.	Sullivan, J. F.
Florists' Review.	Storrs & Harrison Co.
Foley Mfg. Co.	St. Louis Seed Co.
Foster Floral Co.	Schray, Wm. & Sons.
Graves, E. T.	Skidelsky, S. S.
Hadkinson, J. H.	Taylor, F. W.
Harris, W. K.	Thompson, J. D.
Hauswirth, P. J.	Trelease, Wm.
Hartshorne, Jas.	Ulrich, Lewis.
Hauswirth, J. E.	Vaughan, J. C.
Holding, M. G.	Wietor Bros.
Hill, E. G.	Wilcox, J. F.
Hunt, E. H.	Weber, F. C.
Indiana Floral F. Ass'n.	Weber, F. A.
	Winterson, E. F. Co.
Irish, H. C.	Wilson, James S.

There was a special meeting of the St. Louis Florists' Club on the evening of October 20, at which three members of the executive committee of the World's Fair Flower Show Association were present. After the plan and scope of the exhibition had been outlined, the St. Louis Florists' Club gave its hearty endorsement and assured co-operation by adding to the guarantee fund in excess of $1,000 and appointing a committee consisting of J. J. Beneke, F. M. Ellis and F. H. Meinhardt to co-operate with the flower show management and to in every way possible lend the aid of the club to the undertaking.

The executive committee met in Chicago October 24, President Breitmeyer



Horticulture Building at St. Louis World's Fair.

(The Wing at the Left is the Conservatory in which the Exhibition is to be Held November 7th to 12th.)

being here from Detroit and E. G. Hill up from Richmond. Practically all details of the arrangements were settled upon. Arrangements were made for music, posters, judges, etc. It was announced that the judges will be Arthur Herrington, of Madison, N. J., president of the Chrysanthemum Society of America; Wm. Duckham, gardener to D. Willis James, of Madison, N. J., and W. N. Rudd, of Mt. Greenwood, Ill. The Chrysanthemum Society announced that the Chicago seedling committee, composed of J. S. Wilson, Edward Kanst and P. J. Hauswirth will examine seedlings for certificates during the World's Fair flower show.

Manager Hauswirth states that all preparations are well under way for the exhibition and that Chief Taylor, of the Department of Horticulture at the Fair has acquiesced in every request made of him looking to the greatest facilities for staging the show. The greatest concession made is in the matter of keeping the show open until 10 p. m., the custom having been to close the building at six o'clock. Mr. Hauswirth will be at his address, 227 Michigan avenue, Chicago, until November 2, after which his address will be at the Horticultural Building, World's Fair, St. Louis.

As bearing on the success of the show the following is presented as the official figures of the attendance at the World's Fair since September 1:

Week ending Sept. 3	759,307
Week ending Sept. 10	874,954
Week ending Sept. 17	1,027,918
Week ending Sept. 24	770,418
Week ending Oct. 1	772,565
Week ending Oct. 8	860,945
Week ending Oct. 15	939,774
Week ending Oct. 22	867,697

Entering for Medals.

The requirements of the exposition necessitate that entries be made on the regular blanks of the exposition. All cut flowers go in group 108, class 643. All greenhouse plants go in group 109, class 646. All exhibitors desiring to compete for the World's Fair medals must make entry on form D for cut flowers and form C for plants. These blanks will be sent promptly on request addressed to Manager Hauswirth. The complete list of flowers and plants named, with varieties, should be written on the back of each entry blank.

The following is the scale of markings used in determining the merits of an exhibit and fixing the World's Fair award which shall be made, 100 being used as indicating perfection: Exhibits receiving markings ranging from 60 to 76 inclusive receive a bronze medal. Markings from 75 to 84 inclusive are entitled to a silver medal; 85 to 94 inclusive, a gold medal and 95 to 100 inclusive a grand prize.

Under the rules of the exposition an exhibit shall receive only one reward in any group. Under these rules the exhibitor will be entitled to receive a medal on cut flowers entered in group 108 and another on plants in group 109, but no exhibitor will be entitled to more than one medal in each group.

Rules Governing Exhibits.

The rules adopted by the World's Fair Flower Show Association, other than the ordinary requirements, are as follows:

Entries for the first day competitions must be in the manager's hands at least forty-eight hours in advance of the opening of the exhibition. Entries for succeeding days must be in the manager's hands not later than 12 o'clock noon on the day preceding that for which the class entered for is scheduled.

N. B.—Exhibitors when making entries should give promptly on a separate sheet the correct name to whom their World's Fair Pass shall be issued, that same may be sent to them if possible before the show opens.

All exhibits must be in position by noon on the days specified. No exhibits will be admitted to the hall after 11:30 a. m. on the day for competition. Judging will be done after 12 noon, after which exhibitors may attach their names to exhibits.

When it is desired that exhibits be staged by the association, the manager should be so advised in advance, by mail, with full list of articles, number of packages, number of the entries and notice of when and how they will be shipped. A copy of this letter should be placed inside the package at top, and each article plainly marked with the number of the section in which entered, in addition to the variety label.

Exhibits sent from a distance should be marked with the special tags or labels of the Department of Horticulture and express charges invariably prepaid. These tags may be had from the manager or from the Horticultural Department of the Exposition. Exhibits cannot be received earlier than two days before the opening of the exhibition.

Any variety which has not been distributed in this country may compete as a seedling. The holding of stock of a variety by wholesale plantsmen shall not, alone, constitute distribution.

No variety eligible to compete as a seedling shall be allowed to compete in other classes, except in collections, or "open to all" classes.

Any article manifestly unfit to show may be excluded by the committee, and the judges shall withhold any premium when the entries are unworthy of awards.

After the exhibits are arranged they shall be under the exclusive charge of the manager, and no one shall touch or remove them except with his consent.

The Association reserves the right to remove, at any time, from the hall, any exhibits or parts of exhibits which have become unsightly.

The hall will not be open for the removal of exhibits until 7 o'clock a. m. on the day following the close of the exhibition, and all exhibits must be removed in a reasonable time. The Association will not undertake to pack or return exhibits except by special arrangement in advance. Each exhibitor or his representative (who must have a written order from the exhibitor) is expected to be at the hall not later than 8 o'clock a. m. on the day following the closing day, and all exhibits not claimed by the owner or his representative will be disposed of at the discretion of the manager.

No flowers or plants shall be given away or sold for delivery in the hall by exhibitors.

No entry fee will be charged to exhibitors whether subscribers to guarantee fund or not.

The Preliminary Premium List.

The cut blooms of chrysanthemums are to be staged on the first day. The following are the cash premiums:

	1st	2d	3d
25 blooms, 1 variety, white	$20	$15	$10
25 blooms, 1 variety, light yellow	20	15	10
25 blooms, 1 variety, deep yellow	20	15	10
25 blooms, 1 variety, light pink	20	15	10
25 blooms, 1 variety, deep pink	20	15	10
25 blooms, 1 variety, red	20	15	10
25 blooms, 1 variety, bronze	20	15	10
25 blooms, 1 var., any other color	20	15	10
36 blooms (3 vases of 12 blooms each), three colors	30	20	10
6 blooms, 1 variety, white	6	4	2
6 blooms, 1 variety, light yellow	6	4	2
6 blooms, 1 variety, deep yellow	6	4	2
6 blooms, 1 variety, light pink	$ 6	$ 4	$ 2
6 blooms, 1 variety, deep pink	6	4	2
6 blooms, 1 variety, red	6	4	2
6 blooms, 1 variety, bronze	6	4	2
6 blooms, 1 var., any other color	6	4	2
25 blooms, 25 varieties	25	15	10
12 blooms, 12 varieties	12	8	5
Collection, not less than 50 varieties, to be shown on moss, short stems, quantity and quality considered	50	35	20
Same, 25 varieties	25	15	10
Same, 12 varieties	12	8	5
100 blooms, 1 variety, white	75	50	25
100 blooms, 1 variety, yellow	75	50	25
100 blooms, 1 variety, pink	75	50	25
Collection cut sprays, pompon varieties	35	25	..
Collection of oddities, including hairy and anemone varieties (may be shown with short stems)	25	15	..

The plants are also to be staged on the first day. The following are the premiums for chrysanthemum plants, one plant being intended where the number is not stated:

	1st	2d	3d
Specimen plant, white	$25	$15	$10
Specimen plant, yellow	25	15	10
Specimen plant, pink	25	15	..
Specimen plant, any other color	25	15	10
Specimen plant, single	25	15	10
Three standards	75	50	..
Three standards, not more than 24-inch stems	60	35	..
Twenty-five plants grown to single stem, not over 36 inches in height above the pot, not over 6-inch pot	25	15	10
Group of chrysanthemum plants arranged for effect	35	25	15
Grafted specimen plants	25	15	..

For groups of orchid blooms, cut, the premiums are $100 and $60.

For groups of orchid plants the premiums are $100 and $60.

For miscellaneous plants the premiums are:

	1st	2d	3d
Group of ferns	$75	$50	$25
Collection of palms and decorative plants	50	35	25
Group of auraucarias	30	20	10
Ten plants, Gloire de Lorraine begonias	25	15	..
Group of berried plants	25	15	..
Hamper of flowering and decorative plants and ferns, accessories allowed	25	15	..
Display of wild smilax arranged for decorative effect	25	15	10
Display of asparagus	20	12	..

The trustees of the Missouri Botanical Garden have authorized the Association to offer twelve gold medals, each having a value of $25 and available for a species or variety of plant of decided merit for cultivation, not previously an article of North American commerce, and introduced to such commerce by the exhibitor during the present year.

On the second day roses will be staged, the premiums being as follows:

	1st	2d	3d	4th
100 American Beauty	$100	$75	$50	$25

	1st	2d	3d
100 Liberty	40	30	20
100 Meteor	40	30	20
100 Bridesmaid	40	30	20
100 Bride	40	30	20
100 Golden Gate, or its sports	40	30	20
50 La Detroit	25	15	10
Collection of roses, not less than 8 varieties, not less than 25 blooms each	75	50	25

The third day will call for tables set for twelve covers with premiums of $50, $35 and $25.

On the third day also carnations are to be staged; 100 blooms get $20, $15 and $10 in each class, white, light pink, dark pink, scarlet, crimson, any other color. For fifty blooms the premiums are $10, $7, and $5 in each class, white, light pink, dark pink, scarlet, crimson, white variegated, yellow. Best vase of 100, seedlings admissible, gets $25, $15 and $10.

A FINE PHALAENOPSIS.

The accompanying illustration is from a photograph of a plant taken at the establishment of Harry G. Selfridge, at Lake Geneva, Wis., and the following note is supplied by C. H. Gebhardt, the gardener in charge:

"Phalaenopsis amabilis Rimestediana is one of the finest of the phalaenopsis varieties lately introduced. The flowers are of the purest white and measure nearly three inches across. They flowered in the month of May and kept six weeks. They are from Java and can also be grown successfully in a cattleya house, but we grow them with our other phalaenopsis in our East Indian house. They usually commence their season's growth in March, at which time the temperature of the house should be raised until the end of April, when the night temperature should not sink below 70 degrees and the day temperature range from 75 to 80 degrees, according to the brightness of the weather. This temperature we maintain until the middle of November, from which time we diminish the temperature to the end of December, when we give the plants their resting season, until about the end of March.

"The phalaenopsis grows naturally in an always saturated atmosphere. We wet down the path between the benches, three times a day in their growing season and once a day at their resting season. Here in Wisconsin we ought to do that also at night in winter, when we have to fire so hard to keep up the even temperature required. If the outside temperature goes down to 28 degrees below zero, like last winter, it is a very hard job to keep up heat and have, at the same time, the required moisture. Happy those gardeners in a milder climate! We certainly don't let this phalaenopsis get too dry in winter, as we would a dendrobium or calanthe. We just give them water enough to keep the surface moist.

"As I am not able to keep growing sphagnum moss on the surface here, I dropped entirely to use only osmunda fern roots mixed with a little live sphagnum moss. I use only rain water and in summer shade heavy with roll shades. Ventilation I give only from the bottom, unless it gets too hot. I let the surplus heat escape through the top ventilation, but I don't like top ventilation on account of making the atmosphere too dry. I grow them in baskets suspended from the roof."

Phalaenopsis Amabilis Rimestediana.

AMERICAN CARNATION SOCIETY.

H. Weber & Sons, Oakland, Md., register My Maryland, white, a strong growing, large-flowered variety of good constitution and general habits, an early bloomer, very fragrant, a fine keeper and shipper and with good, long stems.

L. E. Marquisee, Syracuse, N. Y., registers White Enchantress, a sport from Enchantress, pure white, having the same general form as Enchantress but far more fragrant.

F. R. Thornton, Streator, Ill., registers Melody, identical with its parent in every respect except color, which is a pleasing shade of light pink, similar to, but better than Enchantress, has shown no tendency to revert back to the Lawson type in color.

Guttman & Weber, New York, N. Y., register Victory, a red seedling of exceptional promise.

Albert M. Herr, Sec'y.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Alexander Montgomery, Natick, Mass., submits for registration new Rose Welles-ney, c for deep pink; reverse of petals clear silvery pink; vigorous growth.

James Vick's Sons, Rochester, N. Y., submit for registration Aster Mikado (Branching Comet Quilted x Vick's Branching); centre stalk 18 to 24 inches high; branches nine to twelve in number, twelve to eighteen inches long; terminal flowers, one to each branch, three to six inches in diameter; lateral flowers few, [illegible] important; [illegible] one-half to three inches long, one to one and one-half wide, flat, recurving, some slightly twisted; inner florets tubular, much twisted and curled; irregularly cleft, forked and expanded at tips; colors various; florets at first nearly white, shading to color near base, gradually assume a solid color in a few days and then present the appearance of a large ragged Japanese chrysanthemum.

Wm. J. Stewart, Sec'y.

WORLD'S FAIR FLOWER SHOW.

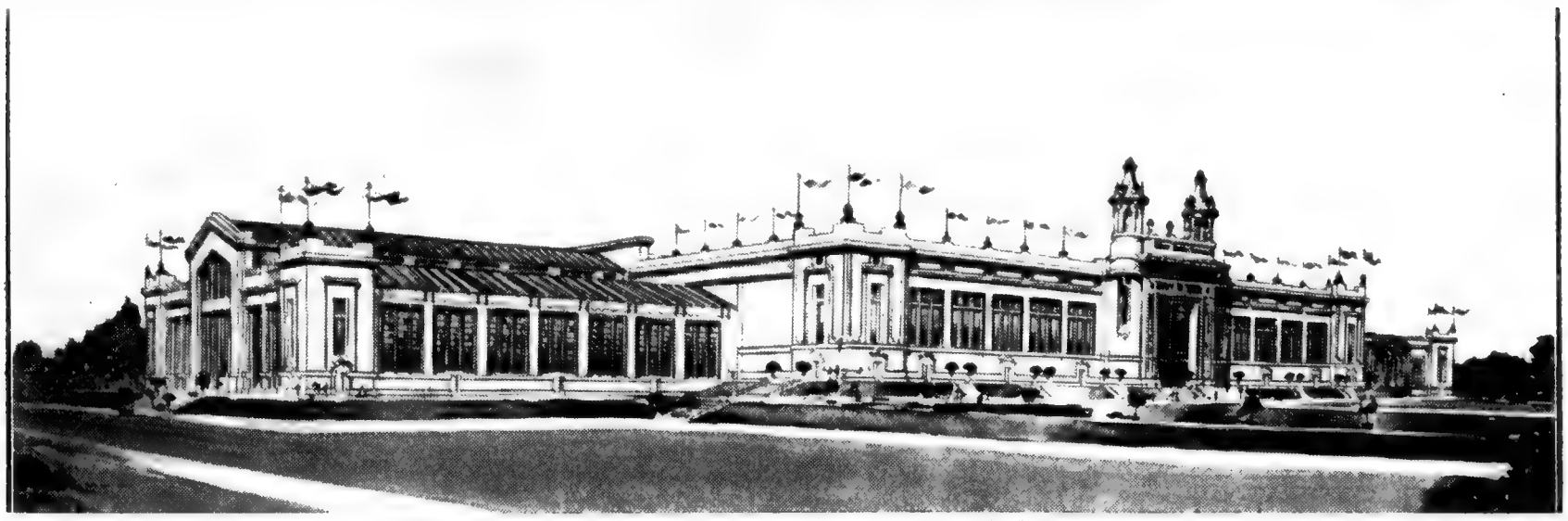
The spontaneous and unanimous manner in which the whole trade has taken up the subject of a World's Fair flower show in the few days since plans have taken definite form has assured the unqualified success of the great undertaking. While it is hoped and anticipated that the gate receipts at the show will pay all expenses, including the cash premiums, the greatest necessity was for a guarantee fund which should be sufficient to insure everyone receiving all the money which might be due him. In this respect the response has been particularly gratifying. The guarantee fund passed $7,000 on Monday and is still growing. Before the end of the week the total will be close to $10,000. The total of the cash prizes and all possible expenses has already been covered, but it is the purpose to invite all horticulturists to unite with the present guarantors, not that there is need for further resources, but that the active support of everyone in the trade is desired to further what the projectors hope to make the greatest flower show ever given in this country.

The full list of guarantors up to Wednesday, October 26, is as follows:

American Florist Co.	Juengel, Chas. A.
Asmus, Geo.	Kanst, Ed. A.
Breitmeyer, Phillip	Kasting, W. F.
Buckbee, H. W.	Kroeschell Bros. Co.
Bunthey Coatsworth Co.	Kellogg, Geo. M.
	Koenig, Otto G.
Bassett & Washburn	Kuehn, C. A.
Burton, John	Lewis Pub. Co.
Berning, H. G.	Lord & Burnham Co.
Bertermann Bros.	May, John N.
Bushberger, J. F.	Meninger, J. C. Co.
Beneke, J. J.	Meichardt, F. H.
Barpee, W. Atlee	Peterson, W. A.
Cross, Eli.	Periam, Jonathan.
Corneli, Adolph	Pierson, Frank R.
Deamud, J. B.	Pochlmann Bros. Co.
Dorner, F. & Sons Co.	Reinberg, Peter.
De Wever, C.	Rudd, W. N.
Evans, John A.	Scott, John.
Ellis, F. M.	Smith, Elmer D.
Filmore, F. J.	Smith, Wm. R.
Florists' Exchange.	Sullivan, J. F.
Florists' Review.	Storrs & Harrison Co.
Foley Mfg. Co.	St. Louis Seed Co.
Foster Floral Co.	Schray, Wm. & Sons.
Graves, E. T.	Skidelsky, S. S.
Hadkinson, J. H.	Taylor, F. W.
Harris, W. B.	Thompson, J. D.
Hauswirth, P. J.	Trelease, Wm.
Hartshorne, Jas.	Ulrich, Lewis.
Hauswirth, J. L.	Vaughan, J. C.
Holding, M. G.	Wietor Bros.
Hill, E. G.	Wilcox, J. T.
Hunt, E. H.	Weber, F. C.
Indiana Floral Ass'n.	Weber, F. A.
	Witterson, E. F. Co.
Irish, H. C.	Wilson, James S.

There was a special meeting of the St. Louis Florists' Club on the evening of October 20, at which three members of the executive committee of the World's Fair Flower Show Association were present. After the plan and scope of the exhibition had been outlined, the St. Louis Florists' Club gave its hearty endorsement and assured co-operation by adding to the guarantee fund in excess of $1,000 and appointing a committee consisting of J. J. Beneke, F. M. Ellis and F. H. Meinhardt to co-operate with the flower show management and to in every way possible lend the aid of the club to the undertaking.

The executive committee met in Chicago October 21. President Breitmeyer



Horticulture Building at St. Louis World's Fair.

(The Wing at the Left is the Conservatory in which the Exhibition is to be Held November 7th to 12th.

being here from Detroit and E. G. Hill up from Richmond. Practically all details of the arrangements were settled upon. Arrangements were made for music, posters, judges, etc. It was announced that the judges will be Arthur Herrington, of Madison, N. J., president of the Chrysanthemum Society of America; Wm. Duckham, gardener to D. Willis James, of Madison, N. J., and W. N. Rudd, of Mt. Greenwood, Ill. The Chrysanthemum Society announced that the Chicago seedling committee, composed of J. S. Wilson, Edward Kanst and P. J. Hauswirth will examine seedlings for certificates during the World's Fair flower show.

Manager Hauswirth states that all preparations are well under way for the exhibition and that Chief Taylor, of the Department of Horticulture at the Fair has acquiesced in every request made of him looking to the greatest facilities for staging the show. The greatest concession made is in the matter of keeping the show open until 10 p. m., the custom having been to close the building at six o'clock. Mr. Hauswirth will be at his address, 227 Michigan avenue, Chicago, until November 2, after which his address will be at the Horticultural Building, World's Fair, St. Louis.

As bearing on the success of the show the following is presented as the official figures of the attendance at the World's Fair since September 1:

Week ending Sept. 3	759,257
Week ending Sept. 10	874,954
Week ending Sept. 17	1,027,918
Week ending Sept. 24	770,418
Week ending Oct. 1	772,565
Week ending Oct. 8	860,945
Week ending Oct. 15	939,774
Week ending Oct. 22	867,697

Entering for Medals.

The requirements of the exposition necessitate that entries be made on the regular blanks of the exposition. All cut flowers go in group 108, class 643. All greenhouse plants go in group 109, class 646. All exhibitors desiring to compete for the World's Fair medals must make entry on form D for cut flowers and form C for plants. These blanks will be sent promptly on request addressed to Manager Hauswirth. The complete list of flowers and plants named, with varieties, should be written on the back of each entry blank.

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Under the rules of the exposition an exhibit shall receive only one reward in any group. Under these rules the exhibitor will be entitled to receive a medal on cut flowers entered in group 108 and another on plants in group 109, but no exhibitor will be entitled to more than one medal in each group.

Rules Governing Exhibits.

The rules adopted by the World's Fair Flower Show Association other than the order of the premiums, are as follows:

Entries for the first day competitions must be in the manager's hands at least forty-eight hours in advance of the opening of the exhibition. Entries for succeeding days must be in the manager's hands not later than 12 o'clock noon on the day preceding that for which the class entered for is scheduled.

N. B.—Exhibitors when making entries should give promptly on a separate sheet the correct name to whom their World's Fair Pass shall be issued, that same may be sent to them if possible before the show opens.

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No variety eligible to compete as a seedling shall be allowed to compete in other classes, except in collections, or "open to all" classes.

Any article manifestly unfit to show may be excluded by the committee, and the judges shall withhold any premium when the entries are unworthy of awards.

After the exhibits are arranged they shall be under the exclusive charge of the manager, and no one shall touch or remove them except with his consent.

The Association reserves the right to remove at any time, from the hall, any exhibits or parts of exhibits which have become unsightly.

The hall will not be open for the removal of exhibits until 7 o'clock a. m. on the day following the close of the exhibition, and all exhibits must be removed in a reasonable time. The Association will not undertake to pack or return exhibits except by special arrangement in advance. Each exhibitor or his representative (who must have a written order from the exhibitor) is expected to be at the hall not later than 8 o'clock a. m. on the day following the closing day, and all exhibits not claimed by the owner or his representative will be disposed of at the discretion of the manager.

No flowers or plants shall be given away or sold for delivery in the hall by exhibitors.

No entry fee will be charged to exhibitors whether subscribers to guarantee fund or not.

The Preliminary Premium List.

The cut blooms of chrysanthemums are to be staged on the first day. The following are the cash premiums:

	1st	2d	3d
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25 blooms, 1 variety, light yellow	20	15	10
25 blooms, 1 variety, deep yellow	20	15	10
25 blooms, 1 variety, light pink	20	15	10
25 blooms, 1 variety, deep pink	20	15	10
25 blooms, 1 variety, red	20	15	10
25 blooms, 1 variety, bronze	20	15	10
25 blooms, 1 var., any other color	20	15	10
36 blooms (3 vases of 12 blooms each), three colors	30	20	10
6 blooms, 1 variety, white	6	4	
6 blooms, 1 variety, light yellow	6	4	
6 blooms, 1 variety, deep yellow	6	4	
6 blooms, 1 variety, light pink	$ 6	$ 4	$ 2
6 blooms, 1 variety, deep pink	6	4	2
6 blooms, 1 variety, red	6	4	2
6 blooms, 1 variety, bronze	6	4	2
6 blooms, 1 var., any other color	6	4	2
25 blooms, 25 varieties	25	15	10
12 blooms, 12 varieties	12	8	5
Collection, not less than 50 varieties, to be shown on moss, short stems, quantity and quality considered	50	35	20
Same, 25 varieties	25	15	10
Same, 12 varieties	12	8	5
100 blooms, 1 variety, white	75	50	25
100 blooms, 1 variety, yellow	75	50	25
100 blooms, 1 variety, pink	75	50	25
Collection cut sprays, pompon varieties	35	25	..
Collection of oddities, including hairy and anemone varieties (may be shown with short stems)	25	15	.

The plants are also to be staged on the first day. The following are the premiums for chrysanthemum plants, one plant being intended where the number is not stated:

	1st	2d	3d
Specimen plant, white	$25	$15	$10
Specimen plant, yellow	25	15	10
Specimen plant, pink	25	15	
Specimen plant, any other color	25	15	10
Specimen plant, single	25	15	10
Three standards	75	50	
Three standards, not more than 24-inch stems	60	25	
Twenty-five plants grown to single stem, not over 36 inches in height above the pot, not over 6 inch pot	25	15	10
Group of chrysanthemum plants arranged for effect	35	25	15
Grafted specimen plants	25	15	

For groups of orchid blooms, cut, the premiums are $100 and $60.

For groups of orchid plants the premiums are $100 and $60.

For miscellaneous plants the premiums are:

	1st	2d	3d
Group of ferns	$75	$50	$25
Collection of palms and decorative plants	50	35	25
Group of araucarias	30	20	10
Ten plants, Gloire de Lorraine begonias	25	15	.
Group of berried plants	25	15	
Hamper of flowering and decorative plants and ferns, accessories allowed	25	15	
Display of wild smilax arranged for decorative effect	25	15	10
Display of asparagus	20	12	.

The trustees of the Missouri Botanical Garden have authorized the Association to offer twelve gold medals, each having a value of $25 and available for a species or variety of plant of decided merit for cultivation, not previously an article of North American commerce, and introduced to such commerce by the exhibitor during the present year.

On the second day roses will be staged, the premiums being as follows:

	1st	2d	3d	4th
100 American Beauty	$100	$75	$50	$25
	1st	2d	3d	
100 Liberty	40	30	20	
100 Meteor	40	30	20	
100 Bridesmaid	40	30	20	
100 Bride	40	30	20	
100 Golden Gate, or its sports	40	30	20	
50 La Detroit	25	15	10	
Collection of roses, not less than 8 varieties, not less than 25 blooms each	75	50	25	

The third day will call for tables set for twelve covers with, premiums of $50, $25 and $15.

On the third day also carnations are to be staged. 100 blooms get $20, $15 and $10 in each class: white, light pink, dark pink, scarlet, crimson, any other color. For fifty blooms the premiums are $10, $7, and $5 in each class: white, light pink, dark pink, scarlet, crimson, white variegated, yellow. Best vase of 300, seedlings eligible to get $25, $15 and $10.

Best vase, fifty blooms, fifty varieties, gets $10 and $5.

On the fourth day seedlings are to be shown. The best twenty blooms of a rose not in commerce gets a silver cup. Fifteen blooms of roses must be shown for certificates, which are in addition to exposition awards.

The best seedling mum, ten blooms, gets a cup. Other seedlings get C. S. A. certificates of merit in addition to exposition awards.

The best seedling carnation, fifty blooms, gets a silver cup. Other seedlings, twenty five blooms, get certificates of merit in addition to exposition awards.

Vases of 100 Beauties arranged for effect get $100, $75, $50 and $25. There are the same premiums for vases of 100 mums arranged for effect.

There are also the following premiums on the fifth day for floral arrangements:

	1st	2d	3d
Basket of roses	$35	$25	$15
Basket of carnations	25	15	10
Brides' bouquet	25	15	10
Display of valley	25	15	10
Display of violets	25	15	10
Vase of Easter lilies	15	10	5
Vase of any other lilies	10	5	..
Display of Shasta daisies	10	5	..

The above rules and preliminary premium list was submitted to F. W. Taylor, Chief of Horticulture at the Fair and he advised the executive committee as follows in writing:

I take pleasure in advising you that I have read with care the premium list which you offer and the rules and regulations regarding the flower show to be held on November 7 to 12 inclusive, and I find that all these are in accordance with the rules of the exposition and the various conferences which have been held between representatives of your organization and this department. I am glad, therefore, to advise you that the arrangement which you have worked out meets with the entire approval of this department.

THE SHAW PREMIUMS.

The founder of the Missouri Botanical Garden, Henry Shaw, made provision in his will for "$500 annually for premiums or prizes to a flower show or exhibition, when such flower show may be established by amateurs and horticulturists of St. Louis, to be paid each year out of the funds of the garden." In 1893, by action of the trustees of the garden, there was founded, as part of these premiums or prizes, a gold medal of the value of $25 to be known as the Henry Shaw medal for the introduction of a valuable plant, to be awarded each year, when practicable, for a new plant of value for cultivation, exhibited in St. Louis, provided that the judges making awards at such exhibition shall certify that said medal is awarded for a plant of decided merit for cultivation, not previously an article of North American commerce, and introduced to such commerce by the exhibitor during the year in which said award is made.

With the sanction of the president of the board of trustees the director of the Garden has authorized the managers of the World's Fair Flower Show to offer the amount of $500, for the present year, in the form of twelve Shaw medals, under the conditions stated above, and $200 in cash prizes. It will be seen that the opportunity is an unusual one for those who have this year made notable additions to American horticulture to exhibit their plants in St. Louis and win this exclusive recognition of their enterprise, in addition to any of the World's Fair or other premiums that they may compete for. There is nothing in the language governing the founding of the Shaw medal to prevent its award for fruits, vegetables or decorative plants other than flowers, complying with the requiremnets as to novelty and distinct value for cultivation, the only restriction being that the policy of the Garden is to request judges to make awards for plants promising to be of permanent rather than merely transient value, and the manager of the Flower Show will therefore receive entries for this medal in any branch of horticulture.

PHILADELPHIA.

The Market.

Chrysanthemums rule the market. The early sorts have given place to the mid-season varieties now in their glory. There is a fair amount of business, quite as much as can be expected at the end of October, but it must be frankly admitted that it would take a Christmas or an Easter to sell the stock of flowers at fair prices.

Each good variety of chrysanthemum, as it appears, sells well at good prices, but the poorer flowers of the varieties displaced often spoil or are sold at any price. There are many fine sorts in. The Leo Niessen Co. has Col. Appleton, Mrs. Henry Robinson, H. Balsley, Major Bonnaffon and Ivory. The Flower Market has Miss Florence Harris, a fine yellow; Mrs. Robinson, Col. Appleton and Ivory. Samuel S. Pennock has William Duckham, a superb lavender, an unusual shade; Col. Appleton in exhibition form, Mrs. Coombes, Marie Liger, pink, not yellow as erroneously stated, and Mrs. Robinson. These are simply quoted as examples. All the centers of trade have fine varieties of merit and in quantity.

Violets are selling fairly well, in recognition of their improved quality. S. S. Pennock has white violets. They are much sought for weddings. Roses and carnations feel the over-production most. A great many are sold at fair prices, but there are too many of them, making the average price low. The Leo Niessen Co. has added bouvardia and pansies to the list. Eugene Bernheimer has added mignonette and the Flower Market has added calla lilies.

A B. and M. Grower.

Nearly all the principal B. and M. growers whose products figure in the Philadelphia market are located on one or the other of the roads that stretch out from the Reading Terminal like fingers from the palm of the hand. It was on one of these roads that Eugene Weiss, the well known retailer and grower, conducted Phil to his place at Hatboro recently. Mr. Weiss' place is beautifully situated on high ground about two city blocks from the station. A conveniently arranged building serves as office and workshop. Underneath are two large return tubular boilers, a good sized cooling room and below all a fine well from which the water is pumped through the pipes to all the greenhouses by means of a Worthington force pump. There is also a tank for liquid manure operated by this pump which stands in the workshop, the well water being shut off and the manure water being admitted into the pipes by means of valves. There are ten greenhouses; a range of six houses even-span, open between, each about 10x175 feet, and four detached houses, the same length as the range but varying in width, one being about twenty-five feet, two about twenty feet each and one about fifteen feet. The first eight houses are planted with Brides and Maids, the narrower detached house with carnations and the last house with Liberty.

The front and back houses in the range are planted with Brides, the four center houses with Maids, grafted stock, which, after bearing continuously for a year, were cut back in September and are now breaking freely from the old canes. The front house of Brides is like the four Maid houses, but the back house of Brides, the only one in benches, is planted with young stock. The two detached tea rose houses, also ground beds, are further advanced. Own-root stock predominates.

Foreman Paul Bender—no, not the Athletic's pitcher—he spoke of shoots but never of curves—favors the grafted stock. A new house 12x70 feet is planned for propagating and grafting. The carnation house was in excellent condition. Joost, Enchantress, Queen Louise and Mrs. Lawson all looked well. The whole place was neatly stocked, with not a weed visible. Outside double petunias and peonies have been specialties in their season. The cut of the place is shipped by the night foreman on the early train. The boxes are met by Samuel Zilley, who distributes the flowers among his customers.

His Losses.

He was a cheerful looking man, evidently in the prime of life, a well-to-do man, judging from appearances, who had secured some measure of success as a result of years of hard work. He was telling two brother florists of his losses, an unusual theme, treated with perfect good humor. "When I first came to this country," he said, "I had $1,000. I looked about for a good investment outside of my business, where this money would grow and yield some revenue. I put it into oil stock. I never got anything from it and I never will. Later on," he continued thoughtfully, "I bought twenty acres of ground in the south. I thought they would be valuable some day. They were dirt cheap. They are even cheaper today. I have put it in my will that I am to be buried there. It isn't every man who can be buried in twenty acres of ground," he concluded with a smile.

Various Notes.

The Stratford Flower Farm is using a private mailing card, pea green in color.

Miss Leedom, who sells for J. Henry Bartram, of Lansdowne, has the distinction of being the only wholesale saleswoman in the city. She carries roses in a valise instead of the conventional tray and has thoroughly mastered the art of economizing space.

William P. Craig had a large wedding order at Chadd's Ford last Tuesday.

The Greenmont Nursery, Charles A. Cox, is putting in the Wren patent grate bar, which provides for expansion and contraction.

Hitchings & Co. are just finishing the glazing on a two-sectioned greenhouse at Upsal, Germantown, for William Bayard.

Hugh Graham has a fine new pink chrysanthemum grown at his plant at Logan.

James M. Thoirs, of 542 Market street, Camden, N. J., has put a handsome new wagon on the street. He has been doing an excellent business this fall and is looking forward to a good season. His window was decorated with choice yellow chrysanthemums a few days ago.

J. J. Habermehl's Sons decorated for the Clover Club dinner at the Bellevue-Stratford last week. Oak leaves, cosmos and Beauties were used.

The Philadelphia Cut Flower Co. has its new sign on the windows and plenty



A. L. Glaser, Dubuque, Ia., and His Delivery Outfit.

of visitors inside. R. C. Hayden reports an active shipping business, chiefly in Brides, Maids and carnations.

Edward Reid has the shipping business down to a very fine point. He knows just how many petals of a rose ought to be open for each hundred miles of railroad to be traversed and just how far open a carnation should be to give perfect satisfaction on arriving at its destination.

William J. Baker will have a splendid lot of Ivory and other white chrysanthemums just right for Hallowe'en and All Saints' day.

John R. North, of Sewell, N. J., is sending fine chrysanthemums and callas to the Flower Market.

Paul Richter, of the Henry F. Michell Co., is authority for the statement that their business exceeds that of last season very considerably. Money has been spent in advertising and it is yielding returns.

M. Rice and Eugene Weiss went out of Flourtown a few days ago to see George E. Campbell. Mr. Rice reports the Brides and Maids in good condition, full of buds as fine in size and color as in winter.

Myers & Samtman are cutting countless numbers of Beauties, chiefly medium and short stems. They go to the Flower Market.

Eugene Bernheimer has been doing a lot of business with oak leaves and other autumn foliage. He receives many chrysanthemums of quality and some Queen of Edgely.

J. Liddon Pennock and Mrs. Pennock are expected back from Bermuda next week.

Fred Ehret is keeping up the reputation of his fine Maids and Brides. His place is very pretty. It is finished in white, with plenty of green about.

John Burton is cutting Liberty roses by the thousands.

To G. R., of West Grove, Pa.: Both Mr. Conner and I fully realized that we could not see many of the Chester county places in so short a time. We hope to see them all at some future time.

PHIL.

RADIATION.

I have a house 18x90, ten feet to ridge, south sash bars twelve feet long, north bars nine feet; glass on west end, side walls four and one-half feet high, double boarded with paper between. From the boiler there is a 4-inch flow feeding two 2½-inch flows on the purlin posts and ten 1½-inch returns. Have I enough radiation for 60 degrees in zero weather.

L. E. W.

The piping which has been provided gives more than 500 feet of radiation, while the requirements of the house are only a little more than 400 feet. If the boiler has sufficient capacity and is set so as to provide sufficient fall in the pipes the plant, if properly fired, should give satisfaction.

L. C. C.

NEW YORK.

The Market.

The market at the opening of the week resembles the Johnstown flood, for it is simply overwhelmed, not only with chrysanthemums, but roses, carnations and even violets, which are here in almost midwinter profusion. Nearly 100 boxes arrived on a single train on Saturday evening. Thousands were disposed of as low as 20 cents per hundred and specials have not been above 75 cents. Orchids touched bottom last week, fine cattleyas going as low as $15 per hundred. The tendency is now toward better prices. Even the street merchants took a flyer in them on Saturday.

Two weeks more of the low tide and the rush of the returning waters will make welcome music. Thanksgiving is very near and before it arrives there will be abundant cause for it.

Various Notes.

Franz Pammer, 33 years old, was found dead in his office at Tarrytown one day last week, apparently a suicide, with a bullet in his left temple and his revolver beside him. He was a genial and popular man and his rash act is much regretted.

Carl Beckstedt, of Oswego, N. Y., one of that city's prominent florists, is visiting Geo. Saltford.

William Matthews, of Great Neck, L. I., son of the veteran florist, George Matthews, has started in the growing business, building this fall three houses 20x180 and utilizing two and one-half acres of excellent land for nursery purposes.

Elliott's red letter sale did not draw the crowd expected, owing to stormy weather, and it will be repeated shortly. The apathy shown by the retail florists of New York and vicinity this season is unusual. Even the clearing sale at Dreyer's saw few of the Broadway and Fifth avenue contingent usually in evidence on these bargain occasions. Instead, the representatives of the department store conservatories were out in force and managed to absorb most of the "good things" offered. Cleary's has a new voice at the stand, Ambrose Cleary now officiating.

Mr. Burnham is rejoicing in the completion of the Bloomingdale store and conservatory. Both are a credit to his management and no better facilities for a successful florist business can be found in the city.

Thursday sees the formal opening of the great subway and floral displays will signalize the ceremonies.

Last week the re-opening of the old Weber & Field's Music Hall was an occasion for floral elaboration in which Twenty-eighth street was especially interested. Not only were all the prominent retailers called upon for flowers, but many of the wholesalers, as is their yearly custom, sent enormous quantities of them in all manner of artistic arrangement.

The great fall exhibitions are in full blast, or will be by the time this paper reaches its readers. Madison celebrates on Thursday and Friday; next week Tarrytown and Philadelphia, and so on for a score of days, culminating in the great show of the American Institute in New York, November 10 to 17.

President Traendly has already received many promises of exhibits of chrysanthemums for the club's next meeting, the second Monday in November, and urges all intending exhibitors to send their applications for space in time and their stock to Secretary Young, where it will be given proper care.

Sigmund Geller has advanced to a ground floor convenience at 110 West Twenty-eighth street, where he occupies the whole store and basement, giving him greatly increased facilities.

In a late report of Flatbush bowling the veteran, Louis Schmutz, Sr., was not credited with his scores for three games, which netted him an average of over 200. There are nights when Louie can sing the Marseillaise and secure all the pots at the same time, and this was one of them. He will doubtless be on the team that rolls the New York club in the near future in the "tri-city" tournament, in which Hoboken is expected to participate as the third competitor.

William Siebrecht, of Astoria, who has the best cold storage plant in this vicinity, if not in the country, is the acknowledged bulb king, handling over a million lily of the valley yearly, in addition to many thousands of narcissi, lilies and hyacinths. Five acres are devoted to peonies, lilacs, snow balls and garden vegetables, and his glass totals over 25,000 square feet.

Condon, of Brooklyn, will hold his yearly chrysanthemum show from November 1 to 15.

Arthur Boddington's big store looks lonely since the fall shipments. Hardly a bulb remains unsold.

The first Paper White narcissi of the season made their appearance at J. K. Allen's on Saturday, also the new carnations Bellmore and Mrs. Clarence Mackay, grown by R. P. Jeffrey & Son, of Bellmore, L. I., the former a brick red of splendid strength and brilliance that should make a popular novelty.

Ghormley's new ice box is complete and is a monster.

Langjahr has been putting in a large share of his time since the St. Louis

convention among his growers and is now "ready for all the business that comes his way."

The creditors of George E. Bradshaw, who is in bankruptcy, will hold their first meeting in the office of N. S. Smith, referee, 68 William street, November 2, at 1:30 p. m.

Hanfling & Kleppner are doing an increasing business in supplies, particularly baskets and pot covers. They showed a nice line at the S. A. F. convention.

A. L. Young & Co. are handling some extra fine Enchantress, Genevieve Lord and Goethe from Theodore Hengstenberg, of Hempstead.

Phil Kessler, manager of the Cut Flower Exchange, reports the early installation of a new ice box 8x15 feet for the accommodation of the growers who may have stock left over from the early morning sales.

Charles Smith, Sr., of Woodside, leaves Saturday for Scotland, where he will join his wife and enjoy a three months' holiday. His business will be in the hands of his three sons and under their management in the future.

R. W. Perkins is back from the mountains, fully recovered, and again associated with his father, the veteran wholesaler, John J. Perkins.

Jos. Leikens has a very pretty store at 7 East Thirty-third street and will build a conservatory at the rear. His nearness to the popular Waldorf-Astoria will be of great advantage and his success at Newport during the past summer has developed a class of customers that make smooth seas.

All the other Newport florists who have New York connections, Hodgson, Siebrecht and Wadley & Smyth, are back again at headquarters, evidently satisfied with their summer. Siebrecht & Son have again established their branch establishment at the Arcade, Fifth avenue and Forty-sixth street.

Bowling.

The following are the scores made by the bowlers Monday evening.

Player.	1st	2d	3d
Traendly	106	113	143
Holt	95	161	107
Kessler	103	111	127
Burns	109	158	121
Siebrecht	158	131	141
Butterfield	98	110	112
Marshall	131	118	104
Shaw	114	97	148
O'Mara	135	145	
Guttman	147	127	
Hoffman	148		
Ford	143		

J. Austin Shaw.

SALT LAKE CITY.

Law Bros., of Butte, Mont., have bought the retail store of the Salt Lake-Huddart Floral Co., and the business is now purely a wholesale one, conducted by the proprietor, Mr. Bausford. The Law Bros. are doing nicely with the retail end. P. T. Huddart is no longer connected with the concern and has opened a store of his own on Second Southeast street.

The B. C. Morris Floral Co.'s greenhouses are in good shape, all the stock looking well. W. J. Burnette is the grower in charge. They do one of the largest retail businesses in town, Thomas Hobday being the manager.

The weather is cool, with frost and occasional snow. Business is fair. B.

Wyomissing, Pa.—Frank Shearer will devote a part of his space to forcing cauliflower this winter.

BUFFALO.

Various Notes of Interest.

There is rather too much politics these days for business to be very brisk, but a good many October weddings have helped. Carnations are now more plentiful and, for this early season, were never so fine. Enchantress, Lawson, Estelle, The Queen, Queen Louise, Boston Market and old Joost are all giving us fine flowers and stems. It sometimes takes years to find out the true value of a variety. A bed of Estelle planted on July 5 has given us flowers as large as average Lawson and stems eighteen inches long. I am afraid many scarlets sent out since, with a fine character and costly price, will go, or have gone, down to oblivion "unhonored and unsung," while Estelle is better than it was four years ago. Everyone who was fortunate enough to purchase The Queen has nothing but praise for it. This is what we expected from seeing it grow last winter. Now that Peter Fisher has immortalized himself by giving us Lawson and Enchantress, he might be good enough to give us a flower with the incomparable habit, freedom and size of Enchantress with the color of Joost. Then we will let him go home. Harlowarden is proving itself the king of the crimson. It is giving us fine, long-stemmed flowers in abundance.

Violets are plentiful, but not moving very fast. Chrysanthemums are just as much in demand as they have been for the past seven or eight years. Just as much, and that is saying a good deal, for it evaporates the idea held by many that the great furore in their favor ten or twelve years ago was a fleeting fad and that they would soon drop into the unnoticeable. The mum is going to fill its place in the cycle of the season as favorably as any other flower. True, there are no more $8 to $10 per dozen monsters wanted. 'Twas vulgar when they were. From $2 to $4 or $5 per dozen is now the popular flower. People with good purposes and a taste for flowers expect to get a dozen good mums for $3, and so they can.

Bye the by, is there any leading flower or plant you can think of that has gone up in price within the past five or six years? I can't, with one important exception. During this time all material with which we construct, with the fuel to keep up heat and the labor to do the work, has gone up from twenty-five to seventy-five per cent. The exception is, of course, the carnation, and why that has risen from fifty to 100 per cent, both wholesale and retail, within less than ten years, is by the simplest of economic laws, excellence of product. The quality of the carnation, more particularly within three or four years, in all that makes a flower admired and desired has improved 100 per cent and the price has risen with it.

We had a good business meeting of the club last week. Mr. Gould, of Middleport, was present; came in forty miles to attend a meeting. How is that, you city boys? A preliminary premium list for the Sweeney Co.'s spring show was presented to the club and adopted. The firm gives $1,100 in cash prizes and they are almost entirely for Easter stock. As this show will be held about two weeks before Easter, it will be a splendid opportunity, not only to capture some good prizes, but to show the public what you have to offer.

The H. A. Meldrum Show.

Everything is progressing most favorably. Although there are great attractions both east and west of us, we fully expect many of the foremost growers of the country to be represented. C. H. Keitsch, the manager, has had many inquiries from the leading specialists. D. B. Long was appointed chairman of the press committee, with power to appoint his assistants. This committee is not so much for the daily press alone as for the "diffusion of knowledge" and explain to visitors the different classes, premiums, etc. Simple as it may seem to us, the general public has a vague and confused conception of what all those first, second and third class cards really mean. W. T. Bell, of Franklin, Pa., Peter Crowe, of Utica, N. Y., and our own Prof. Cowell will be the judges.

Now, last November the florists from surrounding cities, towns and hamlets came in to us in goodly numbers, and that was most gratifying. Come again and you won't be disappointed and we shall be delighted.

It is a question whether the Buffalo florists, that is, all of them, fully realize what the H. A. Meldrum Co. is doing for our trade. It is not philanthropy on their part. It is business. It is advertising, and I am sure we all hope sincerely that this novel method of advertising will repay them. But that does not detract in the least from the great benefit it does to our business at large and for the glorious chrysanthemum in particular.

We have not found any individual or syndicate of florists in our town willing (if they were able) to stand the loss of a flower show. So the problem is solved. Five times as many people see your products as would were an admission fee charged and that's the chief benefit to us of holding exhibitions. So it is your duty, fellow florists, one and all, to make an exhibit if you have anything at all meritorious. We can't all be first, and for that matter the third prize in any class will pay you well for your flowers. In all competitions there must be a number of the "also rans," and the man who refrains from making an exhibit because he has been told and thinks that someone else has better flowers needs a good injection of dope to make him dance up to the barrier. If it is impossible for you to exhibit, then attend the show as often as you can lend us the light of your countenance and genial presence. Talk it up to your customer at every opportunity and in every way do all you can to help the show and encourage this enterprising and worthy firm.

W. S.

CHICAGO.

The Market.

The horse show always has an invigorating effect on the demand and this, coupled with reduced receipts, has served to put the market in a much better condition than last week. Thursday, Friday and Saturday were very dull days, much below the average for this season of the year, although receipts were above the ordinary. Monday, however, found a brisk demand and all good stock cleaned out early in the day, and Tuesday, usually a quiet day, was good.

Violets are actively sought, for the first time this season, and it is probable that there will be a good market for them all through the week, for many thousands are worn at the horse show. The Beauty crop seems to be coming off all along the line, perhaps due to the change to cool weather, which has had a beneficial effect in point of quality, color now being much better than it was during the heated term. The change to frosty nights has given many of the tea roses another attack of mildew and averages are very low for growers who have failed to take necessary precautions. Those whose cut is of good average quality are now getting satisfactory returns.

This week has brought a change in the carnation market, colored sorts having been in fair demand for almost the first time this fall. The mid-season varieties of chrysanthemums came on in full force very suddenly, Monday the market being bare of good stock, while Tuesday saw large receipts of Bonnaffon, Duckham, Appleton and other fancy sorts. With so much good stock the under grades are very slow sellers. The growers of these will not be satisfied with the returns.

While we have had light frosts, no harm has yet been done to outdoor stock in many localities and there is still plenty of cosmos to be had, also a few poor dahlias and few gladioli. The green goods are in fair demand and not too abundant supply.

Large quantities of stock are ordered for shipment to New Orleans Saturday night for All Saints' day.

The Flower Show.

There will be a meeting of the executive committee of the Horticultural Society this afternoon to complete details for the big exhibition November 15 to 19. A superintendent has yet to be engaged. Henry Wittbold is mentioned as a capable man for this difficult post. The show will be advertised as in the Fine Arts building, the entrance being by way of the elevators there, although in reality the larger part of the show will be in the Auditorium, the two buildings being as one on this floor.

Various Notes.

Peter Reinberg says that heating plants have changed as much as any other feature of a greenhouse since the days when he did his own night firing. Then he used hot water; now he installs steam, with which one of the greatest troubles is returning the condensation to the boiler. The pumps refuse to take the water too hot. This difficulty he overcomes by using the Morehead steam trap, which he says works to perfection. Another difficulty with steam is that temperature will vary more or less every time the boiler is fired, changing the pressure on the gauge. To obviate this he attaches a regulating valve to his main feed pipe just inside the greenhouses. This is a big valve made by the Foster Engineering Co., Newark, N. J., which makes the steam pressure in the coils whatever is desired, no matter whether the boiler pressure is ten or sixty pounds. If the weather grows colder, instead of turning on more pipes, the man in charge simply opens the regulating valve to admit more steam.

One of the largest buyers in this market is the Pittsburg Florists' Exchange, conducted by P. J. Demas, a countryman of John Mangel and akin to him in his ability to handle large quantities of cut flowers. But the Pittsburger wholesales his stock and receives, in addition to his large purchases here, considerable quantities of roses, carnations and seasonable flowers produced in his own vicinity, which he sells on commission.

Poehlmann Bros. are right in the midst of their chrysanthemum season, cutting splendid Appleton and fine, well developed Bonnaffon in quantity.

E. C. Amling is among those who are getting fine blooms of Wm. Duckham chrysanthemum, last season's great novelty.

Wm. Dittman, of New Castle, is sending J. A. Budlong a large cut of fine Beauties.

P. J. Hauswirth had a big decoration for the Auditorium Monday night, the hotel being filled to its greatest capacity by horse show visitors.

E. H. Hunt is getting in some very fine Viviand-Morel chrysanthemums.

Sinner Bros. have 320 feet of callas five feet wide, planted out, just coming into full bloom. They are very healthy.

George Reinberg is getting a heavy cut of Liberties and Beauties.

E. E. Pieser at Kennicott's says the business this week has looked like old times, but there is still too much poor stock for a good market.

C. W. McKellar is again receiving orchids in quantity and variety.

Bassett & Washburn are cutting La Detroit of fine quality. The introducer saw it the other day and agreed it would be hard to beat at St. Louis.

F. C. Struvy has bought out C. Paasch, at 224 Clybourn avenue, and is giving his personal attention to the place, leaving his daughter in charge at the Halsted street stand. Mr. Paasch and his wife had long done a fine trade on Clybourn avenue and have gotten together a competence.

Wietor Bros. say that business is very good and they sell out quickly twice a day. Benthey's is another place where the fashion is to sell out early.

Weiland & Risch are getting in a big cut of mums. They report the best call for medium priced yellows.

The E. F. Winterson Co. will make a specialty of wild smilax now that the weather is cool and it can be kept.

Albert Fuchs landed in New York on Monday and is expected to reach Chicago today.

Vaughan & Sperry have made connection with two large rose growers and are now receiving good sized daily receipts in all lines.

The A. L. Randall Co. reports good business in violets and fancy mums, the local demand being good since the horse show opened.

Percy Jones, manager of the Growers' Market, reports that David Reed, proprietor of the Downers Grove Floral Co. will again send his stock to the Market after November 1.

J. B. Deamud is getting mums as good and as plentiful as anyone.

M. Winandy has dropped Meteor in favor of Liberty, from which he is cutting well.

This is election night at the Florists' Club. Flower show matters will also be up for special attention.

Visitors: President Philip Breitmeyer, Detroit; E. G. Hill, Richmond, Ind.; F. R. Pierson, Tarrytown, N. Y.; G. Heinrich, Crete, Ill.; Wm. La Hyn, Chesterton, Ind.

Bowling.

Four teams and the ladies bowled October 25. Following are the scores:

Wintersons.	1st	2d	3d
Scott	175	133	164
Haague	169	112	150
L. H. Winterson	148	146	135
Totals	492	391	449
Hauswirths.	**1st**	**2d**	**3d**
P. J. Hauswirth	159	139	155
H. Klunder	141	146	98
V. Kreitling	107	124	184
Totals	407	409	437
Lambros.	**1st**	**2d**	**3d**
Lambros	197	169	170
Callas	162	196	156
Benekos	168	164	127
Venson	160	212	174
Totals	687	741	627
Asmus.	**1st**	**2d**	**3d**
Zappe	140	104	137
Beaman	98	160	127
E. F. Winterson	102	143	161
Geo. Asmus	106	181	189
Totals	446	588	611

Mesdames.	1st	2d	3d	4th
Kreitling	120	90	125	128
E. F. Winterson	80	114	100	123
Scott	74	67	95	100
Hauswirth	69	92	84	81
Lambros	68	58	53	37
Asmus	72	95	78	92
L. H. Winterson	86	..	..	..

ALL ABOUT FIANCEE.

We have received from James Hartshorne, manager of the Chicago Carnation Co., Joliet, Ill., the following communication, to which he gives the title, "A Plain Statement Regarding Carnation Fiancee":

This famous carnation is a 1900 seedling raised by F. Dorner & Sons Co., La Fayette, Ind., and grown by them until and during the season of 1902-1903. In the fall of 1902, the pleasing color, size and stem of the blooms exhibited by this company attracted the attention of the writer of these notes, who at once asked the firm to name a price for the entire stock. At first Dorners declared they would not sell the variety, as their intention was to grow it for cut flowers themselves and not disseminate the variety for many years to come, believing they could make more money out of it that way. Your scribe, however, continued negotiations until Dorners named a price which took all the ambition out of me so far as ever purchasing the stock was concerned, but I could not resist the temptation of going to La Fayette to see the variety growing, and the sight I saw there more than ever convinced me that this magnificent carnation was in a class by itself and would take many years to beat, whereupon negotiations were again opened, with the result that the stock of 150 plants and all the cuttings that could be produced from them that season (1902-03) were purchased by the Chicago Carnation Co. for the sum of $10,000, no more, no less.

The price paid was kept a secret for a long time as the new owners did not want to make the carnation famous any other way than by its own merits. This we have succeeded in doing to our entire satisfaction and to the satisfaction of all those who have seen the variety on exhibition and growing in the greenhouses at Joliet.

I personally named the carnation at the Chicago Flower Show, immediately after it won all sweepstakes and judged as the finest carnation in the world, by such competent judges as Arthur Herrington, Madison, N. J.; Prof. Cowell, Buffalo, N. Y.; Emil Buettner, Park Ridge, Ill.

The name Fiancee was at once popular and the vase of blooms with their number of prizes tagged to it was the sensation of the show and, as the secretary of the Horticultural Society said at that time, had been the means of swelling the receipts of admissions to the show considerably, larger than they otherwise would have been.

It is needless to say what honors Fiancee has won since that time as they have been published in the trade papers from time to time. It has maintained its reputation and won over all comers every time exhibited and what pleases us most is that we and all who see it growing, believe it to be as free a bloomer as any carnation in commerce. This is now the second season we are growing it. We are more than pleased with its behavior. We have not lost a single plant out of the 30,000 we have benched through stem-rot. It has no rust at all, nor bacteria. Propagates very easily; roots in three weeks. Seems to thrive and do as well in field culture as pot-grown. Last season we benched it in a very heavy soil. This season the soil is much lighter and seems to do equally as well; in fact, it seems more free this year. We now have about 8,000 plants in full bloom, and about 25,000 pinched back for cuttings, so we anticipate no trouble in filling orders, which can be done without overpropagating the variety, the one thing which we have avoided all along.

YOU are the JUDGE. If YOU are Looking for

Chrysanthemums!

Or Other Flowers You can get what You want at

E. H. HUNT, --76-- Wabash Ave., Chicago, Ill.

Mention The Review when you write.

ST. LOUIS.

The Market.

Reports in the cut flower trade are becoming more encouraging each week. Some pretty good-sized orders were made up last week for weddings, receptions, dinners and funerals. Over-the-counter sales are as yet somewhat slow with the uptown florists, although downtown they are reported as fair. The windows of all the stores are now mostly filled with chrysanthemums, which are coming in very freely and in consequence are lowering the prices of roses and carnations, particularly roses. Nearly all flowers, except carnations, have taken a decided drop. The quality of the mums is very good but prices realized are somewhat lower than those of preceding seasons. Extra high grade bring $3 per dozen. Very good blooms can be bought for $15 per hundred. Polly Rose and Robinson are best in white, with Bergmann next. Some good Yellow Queens and Glory of Pacific are seen today. There is a scarcity of good pink so far this season.

Roses, on the whole, are of very good quality and plenty of them for the demand. Extra fine stock is being bought at from $4 to $5 per hundred; first and second grades run $2 and $3. Bride and Maid are most plentiful, and short Beauties. Extra good Meteor and Liberty are a little scarce.

Carnations, too, are quite plentiful and are holding up in price, $2.50 being asked for fancy and 75 cents to $2 for good stock, $1 for common. The best pink is Lawson, though still with short stems. Joost has good stems. Boston Market, Hill and Wolcott are best in white. Estelle is the only good red just now. Enchantress is in big demand when fancy. The violets are much better in size and color with the cool weather. The past week sales on them were much better, 35 to 50 cents per hundred being asked for the best.

The season for cosmos, dahlias, tuberoses and other outdoor flowers is about ended. In greens the market is well stocked.

Various Notes.

Visitors the past week were A. C. Canfield and Mrs. Canfield, Springfield, Ill.; Mrs. M. S. Vesey, Fort Wayne, Ind.; W. H. Dreer, Philadelphia; P. J. Hauswirth and J. C. Vaughan, Chicago, and Elmer D. Smith, Adrian, Mich. The latter three were down to arrange for the World's Fair flower show next month.

H. F. Burt, of Taunton, Mass., has a grand display of dahlias in the Horticulture building at the World's Fair. Mr. Burt, who is here in person, says that these roots were planted July 12 to 15 and this is the result. There are nearly 100 varieties on exhibition and a great attraction.

The table decorations in the china department of the Simmons Hardware Co. drew many ladies Wednesday and Thursday of last week. Ostertag Bros.' table was for a stag affair, with gold fish pond in the center and vase of pink pond lilies. The corner of the room was decorated with oak leaves which made a pretty effect. Miss M. S. Newman displayed good taste in green and white with electrical effects, using white orchids for the center, very pleasing to the eye. C. Young & Sons' and Mrs. Ellison's tables were also much admired. Both were made up of pink orchids and lily of the valley. The tables all came in for their share of praise from the large crowds that passed in and out during the two days that they were on exhibition. Each visitor was furnished with a slip to cast a vote for which he considered the best table, with the result that Ostertag won first prize, Miss Newman second, Young & Sons third and Ellison Floral Co. fourth.

On Thursday night a number of florists, nurserymen and seedsmen met at F. M. Ellis' place to discuss the World's Fair flower show with the executive committee of the association, who were here for a day making arrangements regarding the great show with the World's Fair officials. Everything is satisfactorily arranged, so as to go ahead with the plans that were laid out in Chicago. A fund of $600 was guaranteed by those present. A committee was appointed to co-operate with the national committee, as follows: J. J. Beneke, Frank M. Ellis and Fred H. Meinhardt. A special meeting of the Florists' Club was held Saturday night. It was decided to abandon the proposed chrysanthemum exhibition in the club rooms November 10, owing to the big show. Additional subscriptions to the guarantee fund were made, bringing the local total above $1,000. The work of the association was endorsed and the members will do all in their power to make the show a grand success. The next meeting of the local club will be held Thursday afternoon, November 10, and all visitors here for the big show are invited to attend the afternoon meeting. J. J. B.

Adiantum Cuneatum,

From 2-inch pots, fine, healthy plants, ready for a shift.

$3.00 per hundred,
$25.00 per thousand.

Just ready to plant out for cutting this winter.

The Geo. Wittbold Co.

1657-1659 Buckingham Place,

CHICAGO.

Mention The Review when you write.

CINCINNATI.

The Market.

Business is showing considerable improvement, not that the aggregate sales foot up any higher, but the demand is much heavier and in many cases can not be met. Were it not for that fact sales would be much larger. What caused the increased demand it is hard to tell, but it is likely due to the colder weather which we are now having. Still there has been no killing frost and outdoor flowers are still nicely in bloom. Several large funerals have also helped the market greatly.

There is a good supply of roses of almost all kinds, but the best of this stock is quickly bought up. Beauties are in very good demand, with prices advancing. All kinds of roses are of better quality and consequently bring better returns. Carnations are plentiful one day and scarce the next, with the demand fairly good. Mums are not quite so plentiful.

FANCY MUMS

The big mid-season varieties are on in full force and we are handling such fancy sorts as Halliday, Duckham, Byron, Bonnaffon, Pennsylvania, Appleton, Viviand-Morel, etc.

Inexhaustible Supply "Green Goods."

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$3.00
24-inch stem	2.50
20-inch stem	2.00
16-inch stem	1.50
12-inch stem	1.00
Short stem....$4.00 to $6.00 per 100.	

	Per 100
Brides and Maids	$2.00 to $6.00
Meteors and Gates	2.00 to 6.00
Liberty	3.00 to 6.00
Carnations, select, all colors	1.00 to 1.50
" large and fancy	2.00 to 3.00
Mums, large, per doz., $2 to $2.50	
" medium " $1.25 to 1.50	
" our selection	12.00
Violets	.50 to 1.00
Valley	2.00 to 4.00
Longifiorums....per doz., $2.00	
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns....per 1000, $1.25	.15
Galax....per 1000, $1.25	.15
Leucothoe	.75
Adiantum	.75 to 1.00
Adiantum Croweanum	1.25
Smilax....per doz., $2.00	

Subject to change without notice.

Mention The Review when you write.

There are lots of culls and third-grade blooms suitable for funeral work, but first-class stock is scarce. Violets are beginning to be called for and the price has almost doubled. The singles are preferred here. Other stock is about as last reported.

Various Notes.

All plans are working smoothly for a first-class flower show this year. These shows, given by the Florists' Society, have always been very successful and this year will be no exception. Many growers have already signified their intention of making exhibits. This is the very best time for growers having new varieties to send them in to be seen by the boys, as there is always a large number of the craft on hand, with many out of town growers also. The date this year is Saturday, November 12. Kindly send all blooms prepaid to the Cincinnati Florists' Society, Jabez Elliott Flower Market, in care of the superintendent, and they will be properly staged and cared for.

Chas. Pommert reports a very good crop of gold fish this year, very nicely colored. He makes a specialty of them and his farm at Amelia is well worth a visit. He also raises "green goods" of the best quality.

From present indications there will be from fifteen to twenty of the boys of this city who will make the trip to Richmond, Ind., Thursday. It will give them a chance to see the chrysanthemum in all its glory.

E. G. Gillett was in Springfield Monday, attending the funeral of his oldest brother, who died Saturday after an illness extending over several years.

Visitors were Miss White, Lexington, Ky., and Fred Fulle, of Richmond, Ind.

C. J. Ohmer.

...THE ANNUAL...

AUTUMN NUMBER

WILL BE PUBLISHED — The Weekly Florists' Review — NOV. 10, 1904

FULL REPORT WORLD'S FAIR SHOW AT ST. LOUIS — ENOUGH SAID — FULL REPORT GREAT C. S. A. SHOW AT BOSTON

AND MANY OTHER SPECIAL FEATURES

Advertisers will advance their own interests, and at the same time assist the Publisher, by sending copy as early as possible. "Do it now."

BOSTON.

The Market.

The increasing output of chrysanthemums has caused a general weakening in prices the past week. Stock has cleared out well, however, very little being left over any day, except short-stemmed roses and low grade chrysanthemums. About $3 per dozen has been the top price on Beauties. Bride and Bridesmaid of best quality have averaged from $6 to $8, while short-stemmed stock kept over night in ice chests has gone at 50 cents per hundred. Some very nice Bon Silene are coming to the Park Street Market, selling at 75 cents per bunch of twenty-five. Some good Kaiserin and Carnot still come in. Best carnations have held at $3. All good stock has brought $2, ordinary grades $1. Chrysanthemums are now very plentiful and of unusually good quality. The top price seems to have been $2 per dozen, although $2.50 was obtained for some select blooms. About $1.50 has been a fair average price for nice flowers, while the low grades have brought 35 cents to 50 cents per dozen. So far there has been no glut of these flowers, but some congestion is likely in the next few weeks. Single violets clear out well. Those from Wm. Sim bring 75 cents per hundred. Doubles continue small. Some nice mignonette has appeared, as well as a few Cypripedium insigne. Asparagus and adiantum remain about the same.

Chrysanthemum Show Notes.

A joint conference of members of the Massachusetts Horticultural Society, Gardeners' and Florists' Club, Park Street Flower Market and Horticultural Club in regard to the entertainment of visiting members of the C. S. A. was held on October 22. Arrangements are progressing nicely.

Advance entries indicate that the coming show will be a first-class one. Growers have been pleased with the recent spell of clear Indian summer weather. Some who neglected to use shading lost a few blooms in this vicinity.

Visitors will have an opportunity to witness a thorough demonstration of the best methods of fighting the brown tail and gypsy moths at Arlington, on November 5, at 2 o'clock, under the auspices of the Massachusetts Horticultural Society. There will be a lecture by Prof. A. H. Kirkland. Trained foresters will be on hand to demonstrate the most important methods of field work, while Superintendent Pettigrew, of the Boston park system, will exhibit what is probably the largest power sprayer in the country. The making and use of the lime and sulphur wash for the San Jose scale will also be shown. There will be a good opportunity to inspect some of the high-class vegetable growing establishments in Arlington.

Various Notes.

The meeting of the Gardeners' and Florists' Club on October 18 was one

BIG MUMS

We grow ALL the Latest Varieties, and are getting a BIG CUT
The BEST IN CHICAGO

Such varieties as Appleton, Bonnaffon, Philadelphia, Pennsylvania, Duckham, Morel, Pink and White Ivory, Whilldin and Robinson.

Extra Fancy, Choice Stock, per dozen,	**$4.00**
Fancy, Bonnaffon, etc., "	**3.00**
Choice, white, pink or yellow, "	**$1.50 - 2.00**
Small, in hundred lots, per hundred	**8.00 - 10.00**

Also headquarters for FANCY BEAUTIES, TEA ROSES and CARNATIONS.
Give us YOUR ORDER and you'll be pleased with the GOODS and Prices.

POEHLMANN BROS. CO. 35-37 Randolph St. CHICAGO.

GREENHOUSES, MORTON GROVE, ILL.—600,000 FEET OF GLASS

Mention The Review when you write.

of the best the club has ever held, being enthusiastic throughout. Three new members were elected. The report of the finance committee in regard to the coming chrysanthemum show was quite satisfactory. J. K. M. L. Farquhar was the speaker of the evening, telling of his trip to European floricultural centers. Kenneth Finlayson spoke of Chrysanthemum leucanthemum superbum as a magnificent plant. He saw it in bloom in Europe last year, from August to November, height two and one-half to five feet, flowers five to six inches across, long spikes fine for cutting. W. N. Craig exhibited a bunch of Bouvardia Humboldtii, also a spike of Cattleya Bowringeana carrying forty-seven flowers.

Quite a number of visits will shortly be made to various private estates by the garden committee of the Massachusetts Horticultural Society. These include the E. A. Clarke estate in Jamaica Plain, where Wm. A. Riggs asks inspection of houses of roses, carnations and chrysanthemums. W. F. Roy, at the E. S. Converse estate, and James Garthley, on the H. H. Rogers estate, Fairhaven, each ask consideration for chrysanthemum houses, in addition to the M. F. Plant estate already mentioned in the REVIEW.

Wm. R. Nicholson, Wm. Sim and Allen Peirce are a committee appointed by the Park Street Market to assist in the entertainment of the C. S. A.

Lord & Burnham Co. have a contract to build a greenhouse for C. P. Grimmer, the Boylston street florist, at Jamaica Plain, Mass.

Elisha Nye Peirce, of Waltham, is very critically ill. The directorate of the Park Street Market met at Mr. Peirce's home on October 20 for a business meeting and stayed several hours. While their veteran host was far too ill to leave his couch, he greatly enjoyed the visit of his confreres.

William Sim is sending in some very fine chrysanthemums to the Park Street Market. Perry Green, of Quincy, has sent the best to the new market. John McFarland is shipping some good Bonnaffons taken from the crown bud to the latter place. The mignonette coming from Burgess and Cooney is fine and sells quickly.

Alexander Montgomery's new rose, Wellesley, in the way of La Detroit, is meeting with a quick sale at the high-class stores. There also appears to be a good call for Mme. Chatenay.

Galvin, Doyle, McMulkin and Wax Bros. are making orchids quite a feature in their window decorations. Cattleyas and Oncidium varicosum Rogersii are chiefly used.

W. B. Arnold, of the Rockland Greenhouses, has a fine striped sport from Lawson carnation which is a grand sight just now. They have some 2,000 plants and are booking many orders for it. This variety was certificated on January 30 in Boston.

McMulkin is using some fine Gros Colmar grapes in his window arrangements this week. He is also showing some fine Gloire de Lorraine begonias.

Doyle seems to have a monopoly of Bouvardia Humboldtii, sometimes called jasminiflora. This is a very old sort, but a first-class one. Anderson & Williams grow it in quantity.

The street fakirs are now feeling happy. With carnations at 6 and 8 cents a dozen, roses at 10 cents a dozen and chrysanthemums two for 5 cents, to say nothing of violets and cosmos, business is booming.

N. F. McCarthy & Co. had an auction sale of retinospora, taxus and other Dutch grown evergreens at their rooms on Hawley street on October 25.

W. N. CRAIG.



CATTLEYAS.....per dozen, $6 00
DENDROBIUMS....per dozen, $3 00 to 5 00
CYPRIPEDIUMS.....per dozen, 2 00
Assorted Orchids and Sprays, box, $5 to $25

ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. L. D. Phone Central 2566. Auto. 3623.

Mention The Review when you write.

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
WILD SMILAX
ALWAYS ON HAND.
25-pound case.....$3.00
50-pound case..... 5.00
NONE BETTER
E. F. WINTERSON CO.
45-47-49 WABASH AVE.
CHICAGO

Mention The Review when you write.

FLOWER SHOW

THE WORLD'S FAIR FLOWER SHOW ASSOCIATION

SEE PREMIUM LIST IN THIS PAPER

WILL HOLD UNDER THE AUTHORITY OF THE

Louisiana Purchase Exposition!

A GRAND NATIONAL

CHRYSANTHEMUM, CUT FLOWER and PLANT SHOW

IN THE Horticultural Building WORLD'S FAIR GROUNDS

AT

ST. LOUIS, NOVEMBER 7TH TO 12TH

DAY AND EVENING

The Preliminary PREMIUM LIST printed in this paper indicates the liberal CASH PRIZES and GOLD MEDALS so far arranged. World's Fair Awards are additional

WRITE for ENTRY BLANKS and TAGS

ALL EXHIBITS will be passed on by the regular World's Fair Jurors (A. Herrington, Wm. Duckham and W. N. Rudd have already been appointed and accepted), and Medals awarded as exhibits may deserve. In addition, the Henry Shaw Gold Medals are available under the usual rules governing same. More cash has now been guaranteed than is required for the entire cash prizes and all possible expenses, the St. Louis Florists, Seedsmen and Nurserymen alone having subscribed over $1,000.00.

SEE PREMIUM LIST IN THIS PAPER

THE GREATEST SHOW EVER HELD IN AMERICA

You can't afford to be out of it. Come and see it.
We want the small grower as well as the large.

ADDRESS CORRESPONDENCE **WORLD'S FAIR FLOWER SHOW ASSOCIATION**

EXECUTIVE COMMITTEE:

PHILIP BREITMEYER, LEONARD KILL,
E. G. HILL, W. N. RUDD,
ELMER D. SMITH, WM. TRELEASE,
J. C. VAUGHAN, Chairman.

Regarding all matters pertaining to Entries and Exhibits, address P. J. HAUSWIRTH Mgr. 227 Michigan Ave., Chicago. After Nov. 2 address him at Horticultural Building, World's Fair, St. Louis. Regarding other general matters to:
J. C. VAUGHAN, Chairman..... ....P. O. Box 688, Chicago
Regarding Remittances to:
WILLIS N. RUDD, Treasurer.....Mt. Greenwood, Ill

CHRYSANTHEMUMS!

A BIG CUT, ALL COLORS, AT ALL PRICES.

CURRENT PRICES, SUBJECT TO CHANGE.

AMERICAN BEAUTY.	Per doz.
30–36-inch stem	$3 00
24-inch stem	2 00
20-inch stem	1 50
16-inch stem	1 25
12-inch stem	1 00
Short stem	per 100, $3 00 to 4 00

ROSES.	Per 100
Brides and Maids	$2 00 to $6 00
Meteors and Gates	2 00 to 6 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 6 00
CARNATIONS—Good stock	1 00 to 1 50
" Large and fancy	2 00 to 3 00

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

Mention The Review when you write.

NEWPORT, R. I.

Trade has been fair the past week, a few weddings, a few dinner decorations and some funeral work. Carnations are now coming quite good and plentiful, and retail for 75 cents a dozen. Other flowers show no especial change. No heavy frost to kill outdoor stuff as yet.

Chrysanthemums are coming better every day, but there will be no glut. Since we have had no chrysanthemum show here the private places have to a great extent stopped growing them, which gives the entire field to the florists.

Hitchings & Co. have about finished a fern house for R. L. Beekman. John Urquhart, the head gardener, will soon have a nice range of houses. The palm house built last spring was stocked by Leikens, who will also furnish the ferns needed.

Oscar Schultz has been doing an increasing business and has recently extended three of his houses some fifty feet each.

Florist Schultz took two of the four prizes at the recent show, for dinner table decorations.

A large quantity of hardy native rhododendrons have arrived for Reginald C. Vanderbilt's place.

Joseph G. Leikens has rented the store at 110 Bellevue avenue for the summer season of 1905.

The Newport Horticultural Society held its regular meeting October 19. President James J. Sullivan was in the chair. William J. Matson, gardener to Miss Alice Keteltas, was elected a member. It was voted to hold the annual ball sometime previous to December 1.

H. L. De Blois, the seedsman, has just returned from a ten days' vacation trip through the south with his wife, going as far as Norfolk, Va.

Bruce Butterton's new fern is being watched with much interest. It would seem to be excellent for large decorative work, as the fronds are so very large as compared with Adiantum cuneatum.

ZERO.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
30 to 36-inch stems	$3.00
24-inch stems	2.00
18-inch stems	1.50
12-inch stems	1.00
Short stems	per 100, $4.00 to 6.00

	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00 to 6.00
" " " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
GOLDEN GATES	2.00 to 4.00
CARNATIONS	1.00 to 1.50

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00

Mention The Review when you write.

FINDLAY, O.—N. R. Swan is busy installing the heating apparatus in his new addition.

KINDLY discontinue my advertisement, as I am entirely sold out of stock.—N. ZWEIFEL, Milwaukee.

KINSMAN, O.—Albert Mathews has completed a range of fine new greenhouses, built on the most modern lines.

CARNATIONS!

ROSES—BEAUTIES

FANCY MUMS!

Yellow and White, strictly large and fancy, $2.50 to $3.00 per doz.

CHRYSANTHEMUMS!

Smaller grades, $10.00 to $12.50 per 100. All colors at all prices.

VIOLETS—VALLEY

AND ALL

Cut Flowers in Season

Smilax, Leucothoe, Galax, Sprengeri, Asparagus.

Our reputation has always been that we fill orders when others fail.

PRICE LIST.

	Per doz.
AMERICAN BEAUTY—	
30–36 inch stem	$3 00
24-inch stem	2 50
20-inch stem	2 00
16-inch stem	1 50
12-inch stem	1 00
Short stem, per 100,	$3 00 to 5 00
	Per 100
Brides and Maids	$2 00 to $5 00
Meteors and Gates	2 00 to 5 00
Liberty	3 00 to 6 00
Violets	60 to 1 25
Carnations, select, all colors	1 00 to 1 50
" large and fancy	2 00 to 3 00
Mums, large icy, doz., $2.50–$3.00	
" medium, " 1.25– 1.50	
" small	4.00 to 6.00
Valley	2 00 to 4 00
Asparagus, per string, 40c to 50c.	
Asparagus Sprengeri	2 00 to 3 00
Ferns, per 1000, $1 25–$1.50	15
Galax—Green, " 1 25	15
" Bronze " 1 50	
Leucothoe, " 6 00	75
Adiantum	75
Smilax, per doz. $1 50	

Subject to change without notice.

WIRE WORK DURING OCTOBER ONLY.

WE NOW HAVE more orders than we can turn out in three weeks; but as we advertise to sell during the month of October WE MUST KEEP OUR WORD; still it must now be understood that any orders coming in will be filled as fast as we can get to them. ☞ Discount remains the same on all orders booked during October—33⅓ off on $10.00 net to us, and 33⅓ and 10% off on orders of $25.00 net to us.

KENNICOTT BROS. CO.

Wholesale Cut Flowers,

40, 42 and 44 Randolph Street, CHICAGO, ILL.

Fancy Mums

Large and Fancy, all colors, $2.00 to $3.00 per doz.
Good stock, good size, $1.00 to $1.50 per doz.
Small stock, - - 2.00 to 6.00 per 100

If you can use a quantity it will be to your advantage to let us quote special prices. Quality good throughout.

ROSES AND CARNATIONS OF THE BEST QUALITY.

A. L. RANDALL CO.

WHOLESALE FLORISTS

19 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

PHILADELPHIA, PA.—Godfrey Aschmann has completed two new houses and has them stocked with araucarias and rubbers. Another house is in course of erection for azaleas.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head

WANTED—A willing worker for general greenhouse work; cut flowers and plants; must not be afraid of work; state lowest wages. Address. Gelven & Son, Sedalia, Mo.

WANTED—A man for general greenhouse work; to grow carnations, chrysanthemums, spring bedding plants and Easter forcing bulbs; must come at once and must be sober and industrious. Address, Daniel E. Gorman, 829 High Street Williamsport, Pa.

FOR SALE—No. 16 Hitchings hot-water boiler in good condition: $50.00 cash, f. o. b. Draper & Clark Greensburg, Ind.

SITUATION WANTED—As working foreman; German single, sober, age 33; first-class grower of cut flowers and pot plants; designer; please state wages; good reference. Address, No. 56 Care Florists' Review Chicago.

WANTED—Two first-class florists, one to take coarse of palms, ferns, bedding and store plants; one to take charge of bulbs, forcing lilies and also know something about tea roses; experienced helpers in each department Address with salary in first letter as parties are wanted at once. Honaker the Florist, Lexington, Ky.

SITUATION WANTED—By all-around florist; age 28, single, Hollander; 12 years' experience; capable of taking charge of small commercial place; state wages. Address, No. 55, Care Florists' Review, Chicago.

FOR RENT—Four greenhouses and dwelling, 6 000 feet glass steam heat well stocked with pot plants and vegetables, good home market, well located 30 miles from Chicago, easy terms or will sell greenhouses and stock and lease land; only responsible parties need apply. Address. Crete Greenhouses, Crete Ill.

SITUATION WANTED—As grower by young man, who is a good grower of cut flowers and pot plants; able to take charge; first class references; do not use liquor. Address, No. 54, Care Florists' Review, Chicago.

FOR SALE—3½-in. boiler tubes, 14-foot lengths, extra quality, 8 cents per foot. Nemaha Greenhouses, Seneca, Kansas.

SITUATION WANTED—By German, as foreman or any work needing a good, steady man; long and well experienced in cut flowers and pot plants. Address No. 53, care Florists' Review, Chicago.

SITUATION WANTED—By an experienced grower, propagator and capable of taking charge or the management of a small florist establishment; middle age single. Address Wm. Kirkham 1967 West Madison Street, Chicago, Ill.

SITUATION WANTED—By young man, in up-to-date retail place, with opportunity to assist in designing and decorating; 4½ years' commercial and retail experience; good worker, habits and character; or good commercial offer will be considered. Address, 158 Lawrence St., Cleveland, Ohio.

WANTED—Thoroughly competent and experienced propagator, principally roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address, Lake View Rose Gardens, Jamestown, N. Y.

WANTED—A middle-aged man, single; must have experience in rose growing and bedding stock; wages $35 00 per month, with board and room to begin with. Kranz Floral Co., Ottumwa, Iowa.

WANTED—A hot water boiler to heat 2 500 feet of glass; state kind and price. Powell's Flower Gardens, Mishawaka, Ind.

FOR SALE—A first-class greenhouse plant, consisting of seven glass houses, including 25 acres of land suitable for town lots with house and barns; stocked with the best stock and doing a flourishing business; half or whole interest may be purchased. Apply Jas. P. Dean, Minot, North Dakota.

FOR SALE—Greenhouses, perhaps the best paying thing in the Northwest; 4,000 feet of glass; cash only; write for particulars. Lester Park Greenhouse, Duluth, Minnesota.

WANTED—A young, energetic man or salesman and makeup in one of the most up-to-date stores of Chicago; one who is willing to begin at a moderate salary. Address No. 51, care Florists' Review, Chicago.

SITUATION WANTED—By an all-round florist and gardener; single; 12 years' experience. Address John Guenther, Box 133, Lake Mills, Wis.

FOR SALE—400 electrotypes for a complete seed and plant catalogue; also fruit and shrub cuts. Make me an offer; don't apply unless you want the lot. H. W. Koerner, Station B, R. 6, Milwaukee, Wis.

WANTED—At once, competent carnation grower; single; state wages, with room; give references. South Bend Floral Co., South Bend, Ind.

WANTED—The address of John Weltch, formerly employed by me. If he will return to New Castle, his old position is open for him. Peter Weiland, New Castle, Ind.

SITUATION WANTED—By a good grower of cut flowers, in vicinity of Chicago; married, best of references. Address No. 46, care Florists' Review, Chicago.

FOR SALE—All or a half interest in a florist store with a good, well established trade: a good chance for either lady or gentleman Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—In a live gas city of 15 000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 44, care Florists' Review, Chicago.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

WANTED—An experienced grower of roses, carnations, mums and bedding plants; steady work for a steady worker; must be sober and reliable man; well recommended; north of Chicago. Address No. 38, care of Florists' Review. Chicago.

SITUATION WANTED—As foreman by a first class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 50, care Florists' Review, Chicago.

WANTED—A good all-round gardener for a private place; must understand grape culture under glass and must be temperate; salary, $50 00 per month with 7 room house; Scotch or English preferred. Address, No. 49, care Florists' Review, Chicago.

WANTED—To exchange gilt-edge real estate, valued at $5 500, for greenhouse property in good order. Address No. 37, care Florists' Review, Chicago.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—Manager for greenhouse containing 8000 sq. ft. of glass, situated in a town of 6 000 inhabitants, 35 miles east of Kansas City; married man preferred; state salary wanted. Address T. H. Harvey, Marshall, Mo.

HELP WANTED—SALESMAN.

WEILAND & RISCH,

59 WABASH AVENUE, - - CHICAGO.

Wanted—A good, reliable young man, up to date in floral work of all kinds and must be a good salesman for a first-class retail store. Must be able to take care of small conservatory, etc.; state salary wanted and reference from last place; permanent position for right party. Address No. 43, care Florists' Review, Chicago.

Situation Wanted

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; can furnish good references.

Address No. 47, care Florists' Review, Chicago.

FOR SALE.

Our Greenhouses, planted in Chrysanthemums, Roses and Carnations, besides ferns and miscellaneous stock for propagating, flower pots delivery wagon, horses, etc.; ground and residence and barn to be leased for ten years or more. The oldest and best established trade in our city of 25 00 people. Reason for selling; Father and Mother too old to carry their extensive retail store in this city, and I have to take charge. Immediate occupation given. Season open Oct 20. Everything in fine shape. Cash or Credit Address

A. A. PANTET, Ft. Smith, Ark.

3 No. 12 Furman Brick-set Steam Boilers FOR SALE.

As we are now using only tubular boilers we offer above at a low figure. These boilers have been used only very little, are in every way as good as new and had been cast for us with extra stays in domes to increase strength. They are rated to carry each 25 900 square feet of glass from 50 to 60 degrees. For further particulars Address S. J. REUTER, WESTERLY, R.



Harvesting Field of Onion Seed at Gilroy Farm of C. C. Morse & Co., Santa Clara, Cal.

Vegetable Forcing.

TEMPERATURES.

Will you please let me know through the REVIEW at what temperature asparagus and rhubarb can be grown in the same house? Could bottom heat be used successfully? Could beans and cauliflower be grown in one house?

B. P. T.

Asparagus requires a rather higher temperature than rhubarb, but if both are to be grown in one house they will do fairly well at a night temperature of 60 degrees.

Beans and cauliflower can both be grown in one house if a night temperature of 55 degrees is maintained. The beans would grow faster at a temperature of 60 degrees, but they will produce just as good a crop at 55 degrees, although the crop would, of course, take rather longer to mature.

W. S. CROYDON.

FORCING RHUBARB.

Before beginning to force this plant it is most essential that it be subjected to sufficient frost so that the clumps will be well frozen through. As it is necessary to lift the earliest batch before the frost is strong enough to penetrate to sufficient depth, the clumps had better be lifted and left on the surface of the ground for a night or two, where 10 to 12 degrees of frost will be sufficient to freeze them hard enough. Before the ground freezes too hard, all that are required for the winter supply should be lifted and stored where they can be conveniently reached when wanted. The clumps can either be placed in some building where it will be likely to freeze and, when covered up, will stay frozen, or piled up outdoors, subjected to just enough frost to freeze them through and then covered up well with straw or litter, so that they will stay just about as they are, neither freezing harder nor thawing out. Boards can be placed over the litter to shed the rains, or if these cannot conveniently be had, sufficient soil can be thrown over the pile to accomplish the purpose.

Rhubarb can be forced under greenhouse benches, but where it is intended to go into the forcing of this subject to any extent, it is better to have a place fixed up for this purpose. A frost-proof cellar with sufficient piping to maintain a temperature of 55 to 60 degrees is an ideal place, light being unnecessary.

Quite a good deal of soil will adhere to the roots and the clumps should be set together as close as they can be packed. Little covering will be necessary, but we use leaf-mold or similar light material to fill up the larger openings, so as to retain an equal moisture around the roots. For convenience in watering and picking the crop we place the clumps in beds four feet wide and leave sufficient space for one to walk between the beds.

Watering and dampening will have to be regulated according to the tendency of the atmosphere of the house. If this dries up rather quickly, frequent sprinkling will be necessary, possibly two or three times a day, as a moist atmosphere must always be maintained. The roots should be kept moist, but never heavily soaked, and after the growth is well started it can be strengthened by frequent applications of weak liquid manure.

In the gathering of the crop, experience is necessary to know just when it is at its best. The length will vary with the strength of the crowns. The idea is to get the stalks as long as possible, but yet while they are still crisp and firm, but if pulling is delayed too long they not only become tough and dry, but lose in weight.

After the best of the crop is gathered it does not pay to wait for the weaker stalks to gather strength, as they never amount to much, and it is best to pull them off and let them go for what they will bring, so that the spent roots can be removed and fresh ones put in the place they occupy. W. S. CROYDON.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

A TOUR AMONG CALIFORNIA SEED GROWERS.

Twenty-five years ago, in the middle west, it was thought that seed not branded with an eastern label was below standard. The few seed stores that our hustling western cities boasted of at that time were hardly more than agencies for eastern houses, and the majority of the market gardeners of these cities sent east for their seeds. Onion seed from New England and other favored points on the Atlantic coast was then considered the only safe stock. California seed was spoken of, but it was the bugbear of the gardener and although a shrewd few of the New England jobbers were "on" that it was all right and did not hesitate to secure good lumps of their stock from California, they took good care to brand it with their own eastern label before sending it back to the planters of the Mississippi Valley. It took years to overcome the feeling against California grown seed, not because of any prejudice in the matter, but on account of the well prepared early arguments of the eastern travelers that climatic conditions combined with the inexperience of the California growers precluded the possibility of producing a proper article there.

This is somewhat ancient history, but it will answer the purpose of calling attention to the photographic views printed herewith. We are indebted to C. C. Morse & Co., Santa Clara, Cal., for the originals of these views. They show parts of the Gilroy seed farm, one of the California ranches of this well known firm, and represent in a fair way the general appearance, at the stated times, of all the seed farms in that great seed-growing section of California that borders on the Pacific coast, from Los Angeles north to

San Francisco, and up the river toward Sacramento.

A trip through the territory toward the end of June is a liberal education for a seedsman. He will note that the uniformity of the climate is one of the main reasons why seed crops are so successfully grown there. The grower may generally safely rely upon a certain kind of weather at a given time and can adjust his operations accordingly. The old idea that the climate of California is not suitable for the proper maturing of a vegetable and not safe for producing a reliable quality of seed, was based upon ignorance more than anything else. It is a fact that irrigation, when moisture is needed, and an almost dead certainty of dry weather to harvest the crop in, puts the California grower so far in advance of the grower who is up against uncertain weather for planting and harvesting that there is no chance of competition upon even terms. This applies to the general run of standard garden seeds, and when time has been given to the development of the resources of California it is likely that many of the specialties that are now thought to be best produced at other points will be grown in California just as well and more economically.

Beginning at San Diego and going north to Los Angeles there is not much to interest the seedsman except fields of sugar beet and some very extensive plantings of pole beans; 3,000 acres of beans on a ranch some twenty or thirty miles south of Los Angeles the writer was told was the largest planting in that neighborhood, and to look at it was certainly very extensive; nothing else could be seen on one side of the track but the bean vines, the sky and the mountains beyond. Having eaten a plate of Logan berries that morning for breakfast, and the delicious flavor of them being still with him, one of the party hoped that the 3,000 acres might be a crop of that fruit instead of beans. He did not know what sort of a plant Logan berries grew on, as they were new to him up to that morning. It is certain that no one should forget to call for Logan berries if he wants something that tastes good. These berries seem to be known only in California.

At Los Angeles there are some very nice seed stores, and the market gardens in the vicinity are well looked after and the produce abundant. Leaving Los Angeles on the Coast Line railroad, the next point of interest is Santa Paula. At this point it was somewhat cloudy and the writer asked if an umbrella would be a good thing to take along. The question was so unusual to the natives that a laugh was the only reply. Umbrellas are never needed there at that season of the year.

John Bodger & Sons are located at Santa Paula. They are large growers of tomato seed. Right up to the middle of December the vines yield fruits which contain seed. They grow pole beans and bush limas, lettuce, endive, pepper, egg plant and salsify. Flower seeds are also grown, aster being a specialty with them. They contract seed beans of the pole varieties with the farmers in their vicinity and do an extensive business in this line.

Between Santa Paula and Ventura is quite an extensive calla bulb grower. We drove from Santa Paula to Ventura along a fine macadamized road, which they sprinkle with oil. This method of sprinkling in a dry region is of great advantage. Ventura county is the principal section for commercial lima beans. A Mr. Levy, at Saticoy, operates considerably in this item, but at Ventura, however, is the main point for the California commercial lima and for other pole beans. J. K. Armsby & Co. are the largest operators in this line. They have offices in New York, Chicago and San Francisco.

Mrs. Theodosia B. Shepherd's flower garden at Ventura is worth all the time a seedsman can give to it. Many flower specialties of importance have been hybridized here and the information that can be gathered from the experts, who give it their attention is all the more interesting from being so cheerfully given.

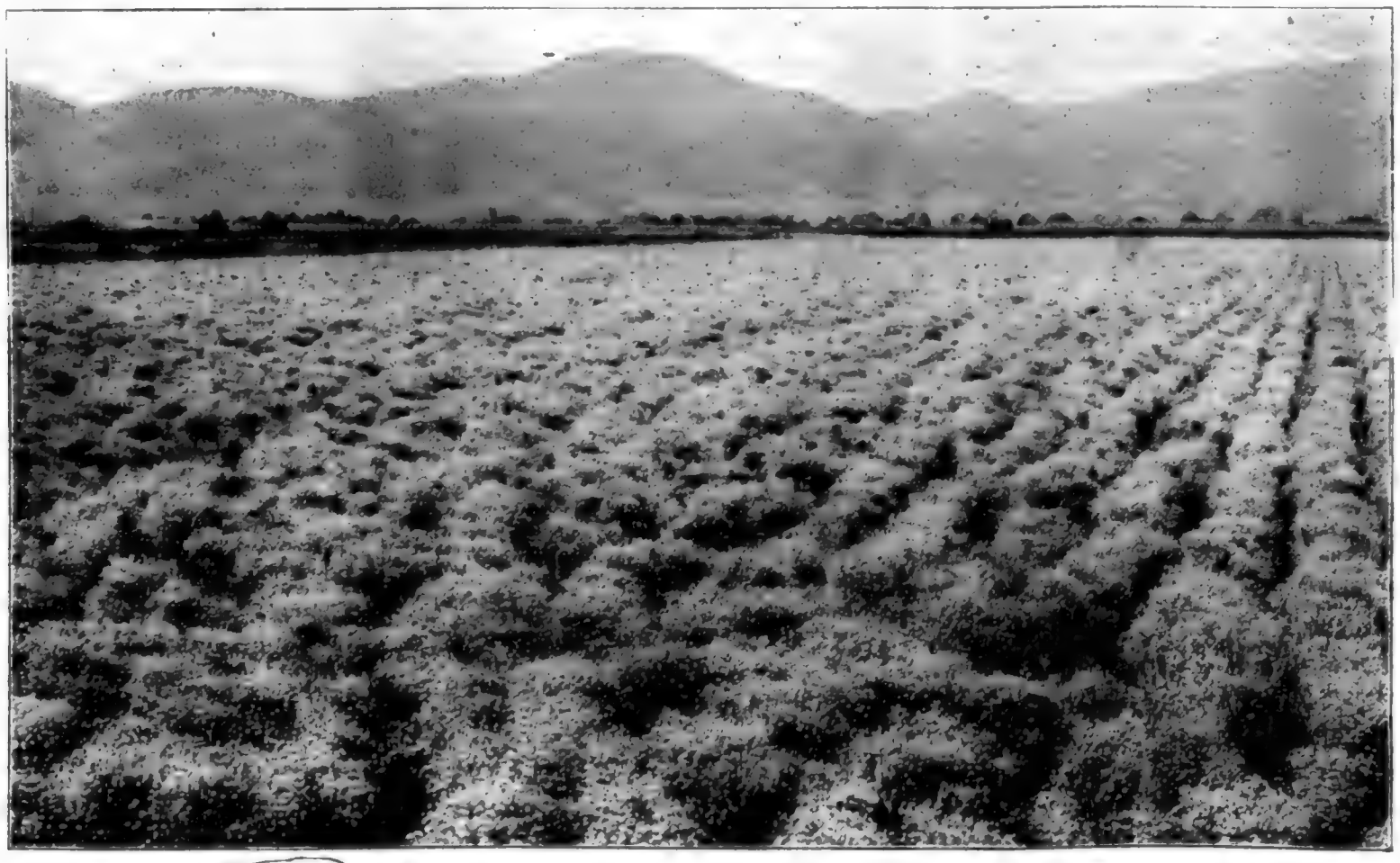
Between Ventura and Arroyo Grande is what is termed the Lompoc district. Here many acres are given to pole beans and some of the growers farther north are interested in the crops of seed beans in this locality. At Arroyo Grande is located the Routzahn Seed Co. Oceana is the nearest railway station to the lower ranch of this firm. It is upon this ranch that the office and residence of the manager is situated. This company grows extensively onion, carrot, lettuce, salsify, pole beans, sweet peas, nasturtiums and nearly all varieties of flower seeds. On named varieties of nasturtiums and sweet peas they make a specialty. The ocean fogs have quite an influence upon the crops in this part of California. The knowledge that comes from experience as to what crops need the fogs and what

WE FIND that of ten orders we are receiving, about eight come from our "ad." in

THE WEEKLY FLORISTS' REVIEW

H. H. BERGER & CO.

NEW YORK, OCT. 17, 1904.



Field of Lettuce for Seed Ready to Harvest at Gilroy Farm of C. C. Morse & Co., Santa Clara, Cal.

SUZUKI & IIDA

Chinese Sacred Lilies
Japan-Grown Callas

ON HAND NOW. PRICES ON APPLICATION.

31 BARCLAY STREET,
NEW YORK.

do not and to place them accordingly on the different parts of the ranch, where fogs rest, and where they do not rest, is an asset of considerable value.

The Routzahn Seed Co. is successor to the McClure Seed Co. The change of name did not change the management, as Mr. Routzahn had been the active head of the McClure Co. Mr. Routzahn is given credit for being able to grow as large crops of sweet peas and other seeds, acre for acre, as any one in California. His location is exceptionally good, and his experience has been acquired at that one place only. The continued improvement and growth of the business is due to his energy and observation since starting there, as he had no previous training. The necessity of succeeding made success possible in his case.

A new company in seed growing has been started in the vicinity of Arroyo Grande by Edwin M. Haven, who until two years ago was a grower of seeds at Bloomingdale, Mich. Mr. Haven had quite a long experience in the east and expects to make a success of his California venture.

The next point of interest in the trip toward the north is Gilroy, whence came the pictures accompanying these notes. What is to be learned there, and farther on our tour of inspection, will be told next week.

Wood, Stubbs & Co., Louisville, Ky., have received a gold medal award on their exhibit of garden and field seeds in the Agriculture building at the St. Louis World's Fair.

The radish crops from Michigan so far delivered have yielded fairly well. The weather since harvest has been against speedy threshing operations and the average deliveries will be somewhat delayed.

Nels Swenson's onion set warehouse at Gen View, Ill., was destroyed by fire Sunday, October 23. Building and contents consisting of about 2,000 bushels, mostly yellows, were an entire loss. The sets were held for Peter Hollenbach, Chicago.

Beans as yet are an unknown quantity. The straw remains damp in many sections and threshing is far behind. Ordinarily a fair idea of what may be expected in the way of pro rata deliveries can be given at this date, but this year is to be an exception.

In several Wisconsin sections where peas ordinarily yield five to eight fold, they turn out only three and one-half to five fold this year. The wet weather since harvest has had much to do with this, the growers having had a serious time in keeping the peas from spoiling while in the straw.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

Garden Seeds and Sweet Corn.
THE EVERETT B. CLARK CO., MILFORD, CONN.
Have just harvested of excellent quality and offer:
TURNIP—Red Flat Strap, Red Top Globe and P. T. Rutabaga.
PARSNIP—Long Smooth, and Hollow Crown.
BEET—Crosby's Egyptian, Edmands Impd., and Dewings B T.
ONION—Southport Yellow and Red Globe and Selected Y. G. D.
FALL PRICES ON SWEET CORN NOW READY.
☞THE ABOVE IS ALL STRICTLY CONNECTICUT GROWN.

Mention The Review when you write.

LEONARD SEED CO.
GROWERS AND WHOLESALE MERCHANTS
LEADING ONION SET GROWERS
79 and 81 East Kinzie Street, CHICAGO
Mention The Review when you write.

Burpee's Seeds Grow

Visited Chicago: Alfred Emerich, of Vilmorin-Andrieux & Co., Paris, France.

The nasturtium crops in all the seed-growing districts of Germany are reported very poor.

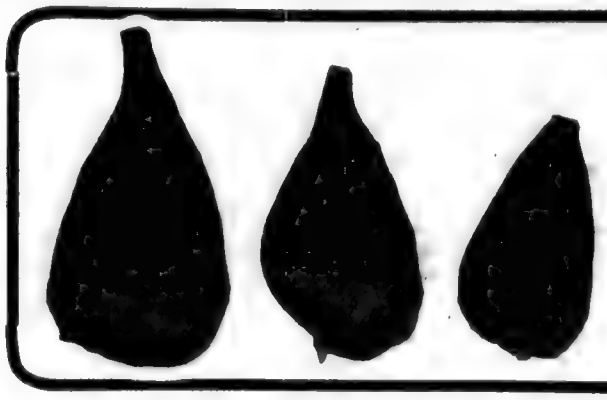
Watkins & Simpson, London, are offering a sweet pea novelty, Gladys Unwin, pale rosy pink, with striking wavy standard and seventy-five per cent of the flower stems bearing four blooms.

Not in years have the weather and the condition of the soil been so favorable as in the present season in Holland for the planting of bulbs. All stock has been cleaned out in good shape and the industry is in a very satisfactory condition.

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.



Freesia Bulbs!

	100	1000		100	1000
First Size, 5/8-in and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " 3/4-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Cucumber seed, notwithstanding favorable fall weather, dries out exceedingly light with all growers who have completed operations. Even the milling process, with the latest appliances for getting out the light seed, fails to bring out an up to standard sample.

An illustrated account of an eastern seedsman's tour of inspection among California seed growers is begun in this issue. Another installment will appear next week, covering the Santa Clara district, with accounts of the specialties and methods pursued at each place. If you receive a sample copy of this issue and want the rest of the story, send $1 at once.

Crenshaw Bros., Tampa, Fla., write as follows: "Owing to the dry weather we have experienced in the past few weeks the velvet bean crop will be cut somewhat shorter than was anticipated by growers, but, if no early cold, the crop will average that of last season. Prices will probably range in car load lots from $1.40 to $1.65. The melon seed crop harvested out this season better than was anticipated."

BRITISH SEEDS.

One of the principal European sources of supply on turnips, swede and beet, as well as some other things, is W. W. Johnson & Son, Boston, England. The manager, E. J. Deal, visited the principal dealers in the United States in the spring of 1903 with the result of largely increasing their business in this country and few American seedsmen visit England without spending a day on this firm's trial grounds at Boston. They do a very large trade with England's Australasian colonies, making shipments in large iron tanks in which the seed bags are packed and the tanks then hermetically sealed. Twenty-eight and one-half tons of turnip seed so packed, each tank weighing nearly a ton, were shipped to New Zealand last season.

CATALOGUES RECEIVED.

V. Lemoine & Son, Nancy, France, plants; G. M. Bacon Co., De Witt, Ga., pecans; M. Herb, Naples, Italy, seeds; Sluis & Groot, Enkhuizen, Holland, seeds; F. C. Heinemann, Erfurt, Germany, seeds; Perry's Hardy Plant Farm, London, England, hardy border and rock plants; J. Balme & Co., City of Mexico, orchids and cacti; Roustan, Servan & Co., St. Remy de Provence, France, seeds.

SCOTCH PINKS.

Can grass or Scotch pinks be propagated at this time of year or are they best raised from seed and when?

C. U.

Grass or Scotch pinks, so called, are usually propagated by layers, usually in August, and the rooted stem can be removed to a new position in the following spring. As this is a true dianthus, as much as is our beautiful carnation, which roots readily in the fall, why should not the grass pinks also root? Little heat should be used, either top or bottom, and if you succeed in rooting them keep them very cool during winter.

W. S.

SNAP-HIGH GRADE BULBS-SPEAK QUICKLY

The activity of the BULB MARKET reminds one of the game of SNAP— The scarcity of desirable stocks so early in the season is remarkable.

TULIPS.	Per 100	Per 1 000
Artus, red	$1 25	$10 50
Belle Alliance scarlet	2 00	17.50
Chrysolora, yellow	90	8 0
Crimson King	1 25	10 0
Keizerskroon, red and yellow	1 25	10 50
La Reine, white, extra quality	.75	6 75
Pottebakker, scarlet	1 50	14.00
Pottebakker, yellow	1.25	1 50
Yellow Prince	1 00	9 00
Superfine, single, mixed	.75	6.50
Superfine, double mixed	90	7.50

NARCISSUS.	Per 100	Per 1 000
Giant Princeps	$0 85	$7 50
Trumpet Major (single Von Sion), fine bulbs	1 00	9 00
Double Incomparable, yellow	.75	6.50
Alba Plena (double, white)	.75	6 00
Von Sion double, extra quality	1.40	12 50
DUTCH HYACINTHS.		
Single, sep. colors	2 75	25 00
Named 60 varieties	4.00	37.00
CROCUS.		
Separate colors or mixed	.25	1.75
Named sorts	.40	3.50

SEND FOR OUR COMPLETE BULB LIST.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Gladiolus for Forcing

W. W. Rawson & Co. Arlington Tested Seeds Boston, Mass.

Blushing Bride Beautiful Ivory White, with crimson flakes. Unexcelled for cut flowers. **Excellent for Early Forcing.**

40c per doz.; $2.50 per 100; $20.00 per 1000.

W. W. RAWSON & CO., Seedsmen, 12 Faneuil Hall Square, Boston.

Mention The Review when you write.

BOSTON SEED TRADE BOWLERS.

The seed trade employes have organized a bowling league. The following games were played October 17:

Schlegel & Fottler.	1st	2d	3d	T'l
Gates	74	65	64	203
Cahill	58	58	68	184
Buckley	57	75	67	199
Guerinean	83	75	72	230
Woods	58	64	63	185
Totals	330	337	334	1,001

Breck & Sons.	1st	2d	3d	T'l
Dacey	70	55	65	190
Gleason	67	66	70	203
Armstrong	72	77	83	232
Enholm	81	69	75	225
Wheaton	91	80	84	255
Totals	381	347	377	1,105

The following games were rolled October 24:

Rawson & Co.	1st	2d	3d	T'l
Cheney	52	63	83	198
Taylor	54	59	64	177
Fraser	47	64	39	150
Fuld	88	65	82	235
Peny	69	66	86	221
Totals	310	317	354	981

Farquhar & Co.	1st	2d	3d	T'l
Davy	74	80	96	250
Porter	66	72	76	214
Nellsson	55	66	61	182
Beaton	66	65	55	186
James	76	92	87	255
Totals	337	375	375	1,087

Thorburn's Bulbs

JAPAN Lilium Longiflorum

NOW ON HAND.

— ALSO —

LILIUM HARRISII and ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.

Areca Lutescens....at $3.00 per 1000

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

REES & COMPERE

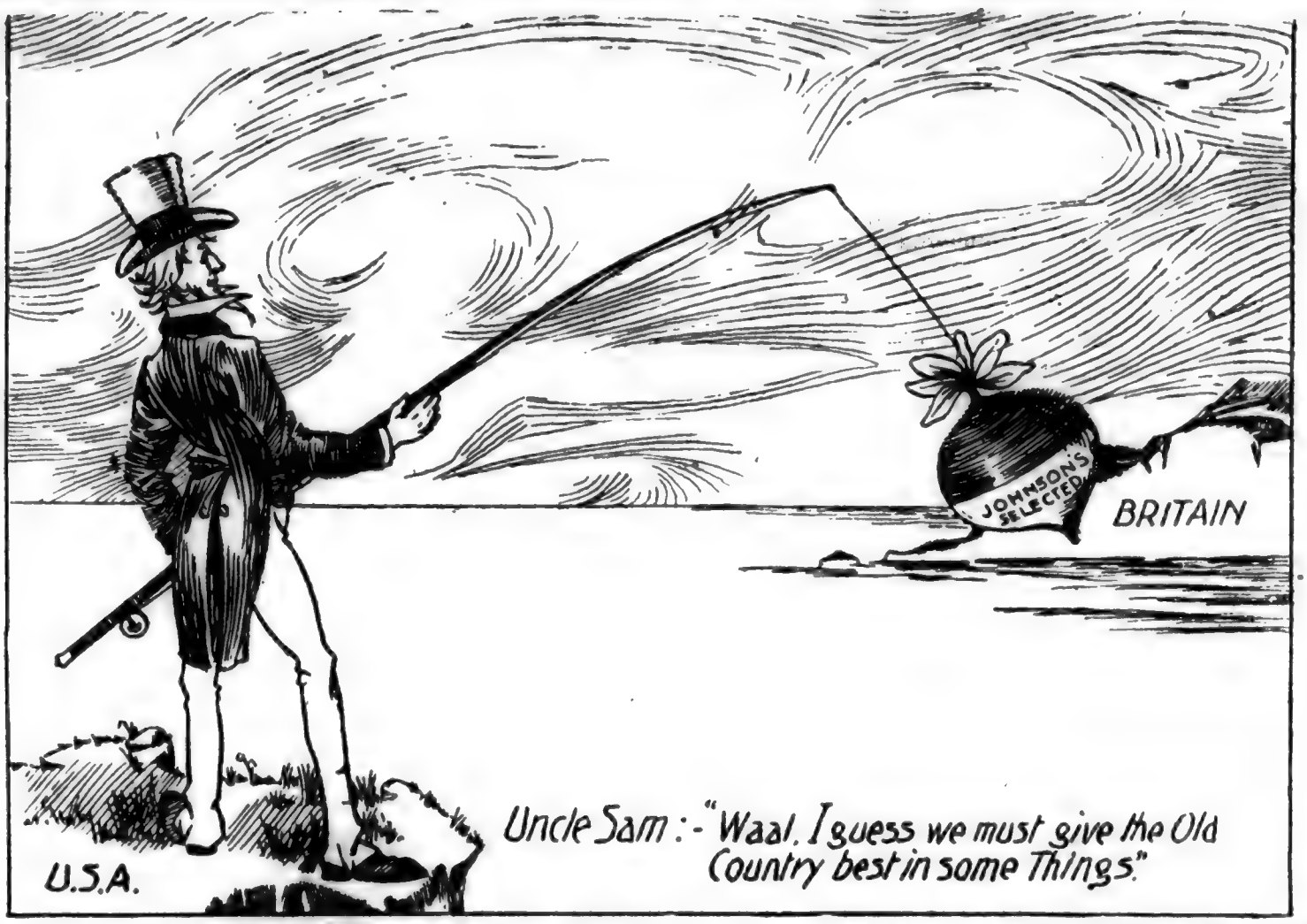
POST OFFICE ADDRESS:

LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of FREESIA BULBS in the U. S.

SPECIALTIES—Freesias, Grand Duchess Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

Lexington, Ky.—Honaker has enlarged and redecorated his store and may now with justice claim to have one of the best appointed retail places in the whole south.



W. W. JOHNSON & SON, Ltd., BOSTON, ENGLAND

GROWERS AND EXPORTERS TO ALL PARTS. INVITE CORRESPONDENCE FROM THE SEED TRADE OF THE UNITED STATES.

Mention The Review when you write.

TUBEROUS BEGONIAS

OUR GOLD MEDAL STRAIN.

We are booking orders for the above, which gave such universal satisfaction last year. Ready for shipment about November 25th.

Write for prices and circular.

HUBERT & CO. (Ltd.) N. LePage, Rep. MT. VERNON, N.Y.

Mention The Review when you write.

Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

Mention The Review when you write.

LILY OF THE VALLEY

From cold storage, $1.50 per 100; $14.00 per 1000.

Headquarters for finest **CUT VALLEY.**

H. N. BRUNS,

1409 W. Madison St., CHICAGO.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES

Mention The Review when you write.

Mammoth Freesia

$6 00 per 100, regular price, $8.00 per 1000. This Freesia is choicest French stock, noted for its pure white flowers; a real bargain at above price.

Select Callas

Plump, round bulbs, 2½ inches in circumference; suitable for a 6-inch pot. We recommend them. Price $5.50 per 100, $50.00 per 1000.

Henry F. Michell Co. 1018 Market St. **Philadelphia**

Mention The Review when you write.

50,000 FREESIAS!—BERMUDA GROWN

25,000 FREESIA Refracta Alba, ⅜-inch diameter.....per 1000, $2.00
25 000 FREESIA " " ⅝-inch .....per 10.0, 4.00
BAMBOO PLANT STAKES—Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc 5 feet and over, ¼ to ⅝ in., per 500, $2 75; per 1000, $5 00; per 2000, $9.00.
6 feet, ¼ to ⅜ in ..... " 3.25; " 6.00; " 11.00.
FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs.. 60c; 25 lbs.. $2.50; 50 lbs.. $4 00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

WHITE ROMANS

	Per 100	Per 1000	Case
Bulbs 12-15 cms.....	$2.75	$24.00	2000 for $47.00
Bulbs 13-15 cms	3.25	28.00	1800 for 49.00

ARTHUR T. BODDINGTON, SEEDS, BULBS AND PLANTS, 342 WEST 14th STREET, **NEW YORK**

PACIFIC COAST.

SAN FRANCISCO.

The Market.

There is no mistake about it, business is certainly "on the bum." I have never seen stock move slower than it is doing at present. The growers are having the best of it, as the unusually warm weather, coupled with dry north winds, has made it a hard proposition to keep anything. Chrysanthemums are being offered by the hundreds of thousands and their quality is good, but the prices realized are very, very low. Some extra Bonnaffon today sold at $3 per hundred and they were as fine as it is possible to grow them outdoors. Of fancy indoor mums there is quite a quantity being used, but they are flowering at a poor time and the majority of the blooms do not bring over $1 per dozen. Roses are in good supply and, with the exception of Beauty, they are not bringing good prices. There are no good Beauties in market at present and such as we have wholesale at from $1 to $1.50 per dozen. Carnations are becoming more plentiful and the quality bids fair to be all right in a few weeks. The majority of the carnations offered at this time are cut from young stock that has just been transplanted indoors and the stems are stiff and short. Valley is selling at the same price quoted several days ago and there is only a fair demand for it. Outside stock is not very plentiful, as our season for hardy annuals and perennials is fast drawing to a close. Smilax is abundant.

Flowers, especially mums, are so plentiful that the street venders are selling bunches containing a dozen large, fine blooms for 25 cents. These are not flowers of poor quality, either, but just as good as is being sold in the stores. They are also handling the superabundance of carnations in the same way and bunches of very fair flowers can be purchased for 10 cents. Violets are not overplentiful and are selling wholesale at 75 cents per dozen bunches.

Various Notes.

John Vallance, manager of the plant department of the Cox Seed Co., has returned from a several weeks' vacation spent in Southern California. Mr. Vallance visited the principal nurseries and orchards during his trip and reports a very pleasant outing.

The San Mateo Floral Society will give an exhibition on October 28 and 29 in the Athletic Club building.

D. Greuttner, the pioneer nurseryman of Vallejo, has opened a floral establishment on Virginia street in that city.

James Sproule, formerly manager of the Sunset Seed and Plant Co., is in town. G.

HANDLING SEEDLINGS.

We are about to pass to that season of the year when great care must be exercised in handling seedlings that are yet in the seed boxes. I refer principally to hard wooded stock, such as pittosporum, acacia, pepper, palms, gum, cedars, pines and many other young plants. These are grown from seed, planted usually in the late spring or early summer, and by the present month should be big enough to transplant into flats or thumb pots. Some of the kinds I have mentioned we do not handle except in small pots and, as this will not be advisable before the early spring, the problem of keeping the young stock from damping off during the next four months is a serious one.

To begin with, the majority of growers plant the seed too thickly. I have seen 1,500 Acacia melonxylon transplanted from a flat 14x20 inches. This may be done in the fall if the weather is dry and plenty of sunshine, but I venture to say not one-tenth of them could be kept alive until January if allowed to remain in the bed. When a grower is not sure as to the germinating power of the seed he is planting it is, of course, well enough to seed the boxes heavily, but when the seed is fresh 300 is plenty to plant in the flats generally used here, about 14x20 inches. Even with this number of young trees in a box considerable care must be exercised to escape damping off. They must never be allowed to become thoroughly dry and be careful not to water during spells of bright sunshine if your stock is not shaded. And here is another trouble. Too much shade is fatal to the class of seedlings I am describing. If the watering is properly done, in the early morning or evening, the stock rarely wants any shade at all and will grow much heavier and stronger if plenty of light is always given.

We have had a very favorable autumn and there will not be much trouble until the arrival of dark, rainy weather, when it always becomes quite a problem to winter seedlings that have not been transplanted from seed flats. If the grower has plenty of house room it is well enough to risk potting up acacias, peppers, pittosporums and stock of that class, although there is nothing permanent to be gained by it unless the seedlings are too close together.

This young stock will have to be kept in the greenhouse until next spring, but with gums, cypress, cedars, pines, arborvitæs, etc., it is better to keep them out in the open, as they are perfectly hardy here. Small seedlings easily get too much water when kept outside in the rainy season and those that are only half hardy succumb to a superabundance of moisture as quickly as they do to an excess of frosty weather. The majority of seedlings should be transplanted into 3 or 4-inch pots when they are about one year old, and after that time they can generally be depended on to look after themselves regarding growing qualities. G.

We like the Review and expect to take it as long as we are in business.—C. D. Mills, Jacksonville, Fla.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1 00	10.00	45 00
Alba	1.40	12.50	60.00
Wolcott	1 00	10.00	45 00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12 50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30 00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10 00	45 00
Success	1 00	10.00	45.00
Mermaid	1 00	10.00	45.00
Cressbrook	1 00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1 00	$10 00	$45.00
America	1.00	10.00	45 00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12 50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12 50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1 40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1 40	12.50	60 00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45 00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

A LARGE contract for landscape work and planting at Highland Park cemetery, Cleveland, O., will be let soon.

A. S. PARMER, the venerable nurseryman residing near Springfield, Ill., was killed by an electric car October 16.

JOHN OWENS, Lexington, Ill., is establishing a three-acre aboretum, Joseph Irvine, a local nurseryman, supplying most of the stock.

T. V. MUNSON'S Housmann grape is reported as likely to give the southwest an opportunity to compete with the vineyards of western New York.

THE Thomas Meehan Horticultural Society, Germantown, Pa., elected the following officers October 12: President, W. J. Chandler; vice-president, S. N. Baxter; secretary, Ernest Hemming.

THE considerable amount of business booked compelled many nurserymen to begin planting several weeks ago, stripping the leaves from such subjects as can be handled that way, for in most sections the stock is still in almost full leafage.

THE fine Indian summer weather has not had the approval of the nurserymen. Not only has the stock refused to stop growing, but some things have flowered again. It promises to cut the planting season short and a sudden freeze might leave the storage houses empty.

T. R. WATSON

1840 Old Colony Nurseries 1904

PLYMOUTH, MASS., U. S. A.

		Per 10	100
250	Cratægus aprica, 2 to 3 ft.	$1.25	$10 00
500	Cratægus Arnoldiana, 2 to 3 ft.	1.25	10.00
100	Cratægus Carrieri, 2 to 3 ft.	1.25	10 00
100	Cratægus coccinea, 3 to 4 ft.	1 25	10.00
600	Cratægus Crus-gall cut back 2 to 3 ft.	1 25	10 00
800	Cratægus Crus-gall cut back, 1 to 2 ft.	1.00	8 00
200	Cratægus lobata, 2 to 3 ft.	1.25	10 00
800	Cratægus mollis, 2 to 3 ft.	1.00	8.00

Trade list now ready.

Mention The Review when you write.

CALIFORNIA PRIVET—One, two and three-year plants, fine and busy, $10.00, $25.00 and $30.00 per 1000.

ROSE OF SHARON—Double Pink, 3 years, bushy, $10.00 per 100.

CRIMSON RAMBLERS—Strong, $10.00 per 100. Packing free. CASH, PLEASE.

JAS. AMBACHER, West End, N. J.

Mention The Review when you write.

TREES and SHRUBS

FINE VARIETIES. Low Prices.

For both wholesale and retail trade.

Send for catalogue.

PETERSON NURSERY,

LINCOLN and PETERSON AVES., CHICAGO, ILL.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

EISELE'S PRIVET.

NONE BETTER

	Per 1000
20,000—3-year, cut back, heavy, 2½ to 3½ ft.	$30 00
25 000—2-year, 2 to 2½ ft., strong	20 00
30,000—1-year, 12 to 18 inches	12.00

	Per 1000
10 000—Golden Elder, 3-year	$60.00
10 000—Euonymus, 1-year, 12 to 15 in. high	60.00
10 000—Box Edging, 3 to 4 inches high	50.00
1,500—Hydrangea Rosea, 1-year cuttings	60.00

EISELE'S HARDY, LARGE, FIELD-GROWN PERENNIALS.

NONE BETTER

	Per 100
Achillea The Pearl	$5 00
Achillea Rosea	4.00
Aquilegia	5 00
Santolina, large	6.00
Clematis, white strong	6 00
Coreopsis Lanceolata	4.00
Dianthus Barbatus	5.00
Funkia Caerulea	4 00
Gaillardia Grandiflora	5.00
Helianthus Maximiliani	4.00

	Per 100
Delphinium, Formosum	$5.00
Hollyhocks, double, white, red, pink, yellow, 1 year	8 00
Hollyhocks single, mixed	6.00
Golden Glow	3 00
Lychnis Haageana	5 00
Lychnis Chalcedonica	5 00
Monarda Rosea	5 00
Myosotis Palustris	3.00

	Per 100
Anthemis Tinctoria	$5 00
Heuchera Sanguinea	6 00
Stokesia Cyanea	5 00
Pyrethrum Roseum	5 00
Papaver Orientalis	5.00
Veronica Longifolia	8.00
Platycodon blue	5.00
Digitalis Gloxinaeflora	6 00
Agrostemma Coronaria	5.00

CASH WITH ORDER.

W. G. EISELE, Cedar Avenue, West End, N. J.

Mention The Review when you write.

Bay State Nurseries

HIGH GRADE NURSERY STOCK OF EVERY DESCRIPTION.

Free from Disease. Carefully Packed. Prices Reasonable. Personal attention given to every order.

A few Leaders:— BERBERIS THUNBERGII, SPIRAEA VAN HOUTTEI and CLEMATIS PANICULATA by the thousand.

NORWAY MAPLE. Extra fine, all sizes, in carload lots.

CALIFORNIA PRIVET. $12 to $30 per 1000.

RHODODENDRON MAXIMUM and KALMIA LATIFOLIA in carloads or smaller quantity. Wholesale Trade List on application.

WINDSOR H. WYMAN, NORTH ABINGTON, MASS.

Mention The Review when you write.

200,000 California PRIVET.

2 to 2½ feet.....$18 00 per 1000
3 to 4 feet..... 24.00 "

WM. BRYAN, Elberon, N. J.

Mention The Review when you write.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

W. & T. SMITH COMPANY, GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description of Nursery Stock, Peonies, etc., mailed upon application.

Mention The Review when you write.

Hardy Roses, SHRUBS ETC.

For Fall planting and Spring sales. Buy now, plants are more select in the Fall and prices lower than in Spring. It not planted now these hardy plants keep well heeled in the open ground and are ready in spring when wanted. **Roses** fine 2-year field-grown Gen'l. Jacq and other best H. P 12c. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX long canes for forcing 20c. **Large-flowered Clematis** finest purple, white, lavender, pink, named 2-year 18c; 1-year 9c; extra 3-year 30c Clematis Paniculata 2-year, strong 8c. **Ampelopsis** Veitchii 2-year 10c; second size 6c. Hydrangea P. G. strong and bushy 10c.; splendid tree shaped specimens 30c. **Golden Glow** strong 4c; **Iris** finest Japanese and German 10c. **Hardy Phlox** finest named sorts 8c. **Peonies** best varieties 12c. **Hardy Shrubs** strong 2-year field grown, leading sorts, Altheas 10c. Deutzias 10c.; Japan Quince 8c; Syringas 12c; Spiraeas 10c.; Weigelias 10c; Cal. Privet extra strong 4c, etc., etc. Also Fruit and ornamental trees, etc., priced on application. Packing is free for cash, done in the best manner, and light as consistant with safety. No order accepted less than one dollar, unless for samples.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

CALIFORNIA PRIVET.

Packing free.

		Per 100	1000
50,000	3 years, 2½ to 3 feet	$3 00	$28.00
50.000	2 years, 3 to 4 feet	2 75	25.00
200 000	2 years, 2 to 3 feet	2 25	20.00
200 000	2 years, 20 to 24 inches	2.00	15.00
50.000	2 years 15 to 20 inches	1.75	12.00
400.000	1 year, 12 to 18 inches	1.00	8.00
Cuttings, February and March, 8-inch			.75

200 Trees, 3 years, heads 4 to 5 feet.....20c each.
2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000

Palmetto and Barr's Mammoth 2-year	$3 00
Palmetto and Barr's Mammoth, 1-year	2.50

Write for Trade List. Remember, packing free on Fall Delivery.

J. H. O'Hagan, River View Nurseries, LITTLE SILVER, N. J.

Mention The Review when you write.

SAMUEL S. PENNOCK,

White Violets, Valley. Store open from 7:30 a. m. to 8 p. m.

The Wholesale Florist, PHILADELPHIA.

Mention The Review when you write.

MUMS—CARNATIONS—FANCY ROSES

Pittsburg Cut Flower Co., Ltd., 504 LIBERTY AVE., PITTSBURG, Pa.

Mention The Review when you write.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street, CLEVELAND, OHIO.

Mention The Review when you write.

KENTIA BELMOREANA.

Pots.	Leaves.	Inches high.	Per doz.	Per 100
3-in....	5	.....12 to 15.....	$2 00	$15 00
4-in....	5 to 6	.....15 to 18.....	4 50	35 00
5-in....	6 to 7	.....18 to 20.....	6.00	50 00
5-in....	6 to 7	20	9.00	70.00

			Each.	Per doz.
6-in....	6	..... 20 to 24.....	$1.00	$12.00
6-in	6 to 7	.....28 to 30	1 25	15 00
6-in....	6 to 7	.....30 to 36.....	1 50	18.00
8-in....	6 to 7	..... 34 to 36.....	2.50	30.00

HIGH GRADE KENTIAS

BELMOREANA—FORSTERIANA.

Joseph Heacock,

WYNCOTE, PA.

Mention The Review when you write.

KENTIA FORSTERIANA.

Pots.	Leaves.	Inches high.	Each.	Per doz.
6-in....	5 to 6	.....28 to 30	$1.00	$12.00
6-in....	6	.....3 to 32.....	1.25	15 00
6-in....	6	.....32 to 36.....	1.50	18.00

MADE UP PLANTS.

Pots.			Each
7-in...	4 plants in pot,	32 in. high.....	$2.00
10-in...	4 "	48 to 54 in. high....	5.00
8-in...	4 "	42 in. high.....	3 00
10-in...	4 "	60 in. high	6.00

Mention The Review when you write.

PITTSBURG.

The Market.

The stores this week had one of those periods of ups and downs. There were some good orders floating around and you would find some busy one day and some another, but most of them complained of having had some very poor days. The shop windows are largely decorated with mums and autumn leaves, which are very beautiful this fall. The chrysanthemum season is now on in earnest.

Various Notes.

H. C. Frick opened his conservatories at his residence in the east end to the public Sunday, and they will be open to all visitors until the mum season is over. The grand display of orchids and chrysanthemums reflects much credit on David Frazier, the gardener, and was appreciated by the many visitors.

Superintendent Geo. Burke, of Schenley park, has had his force busily engaged for a week arranging the chrysanthemum display at the Phipps conservatory. The stock is said to be in excellent condition, although owing to the warm weather they have come out much earlier than expected. The show will open October 30 instead of one week later, as intended. This is always a grand show and is one of the fall features of this city. The railroads run excursions during the show and thousands of people from a distance take advantage of them to visit these beautiful conservatories and are well repaid.

Superintendent Wm. Hamilton will open his chrysanthemum show at the Phipps conservatory, Allegheny park, October 30, and Jas. Moore, the foreman, is getting things in shape for a treat for the Alleghenians. Beside the mums he will also have a house of orchids in bloom and one of begonias. The splendid weather we have had has also brought this show on one week earlier than was intended. These three shows are gotten up on a grand scale and among them one can find specimens of almost any variety worthy of cultivation, and as they are arranged with other plants in the most artistic manner, one should see them all.

The war of carnations still goes on in the Liberty Market. According to an evening paper last Saturday the market was crowded with flower buyers taking advantage of the cheap flowers, as carnations were still selling two dozen for 25 cents and chrysanthemums 50 cents per dozen.

The writer, in his notes of October 13, made mention of the dahlias John Bader saw in California, and as Mr. Bader takes exceptions to the size which I mentioned, 30 inches in diameter, I wish to correct myself. What Mr. Bader really said was that he saw larger dahlias in California than he has seen in this country or in Europe.

We had the first light snow flurry Saturday, October 22. The day was one of the miserable kind and had its effect on business.

Wm. Loew and Jos. Jones have opened a new cut flower store on Diamond street and, as they are both well known, should make it a success.

The Greeks are bobbing up here and there with flower stands and I presume by the time the season is really on we will have enough to satisfy all demands.

Al. Sheapard's familiar face can be seen in the Liberty Flower Market stand, wrapping them up in good shape.

H. T. Miller, of Salem, O., was one of the visitors this week. Hoo-Hoo.

REMEMBER THAT ALL

WABASH

Trains to St. Louis pass and stop at the World's Fair main entrance, where the Wabash has its own magnificent station with every facility for rapid handling of passengers, baggage and express. No other line lands you nearer than the Union Depot, six miles from the grounds.

This hint may be valuable to exhibitors at the **Great World's Fair Flower Show,** Palace of Horticulture, St. Louis, Nov. 7-12.

For time cards and rates address

F. A. PALMER, A. G. P. A.

79 Adams Street . . . . CHICAGO

PHILADELPHIA CUT FLOWER CO.

SUCCESSOR TO CHARLES F. EDGAR & CO.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

Wholesale Commission Florists

WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **ROSES, CARNATIONS** And Other... Seasonable Flowers

1516-1518 Sansom St., Bell & Keystone Phones Open 7:30 a m. to 8 p m. PHILADELPHIA, PA.

Mention The Review when you write.

CALL ON **EUGENE BERNHEIMER,** FOR PROMPT DELIVERY ON

Chrysanthemums, Roses or Carnations

11 SOUTH 16th STREET, - - - PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Mums, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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Indianapolis Floral Co.

839 Ft. Wayne Avenue, INDIANAPOLIS, IND.

WHOLESALE

Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED--BULBS.

We want to buy in lots of 1000 to 10 000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

Mention The Review when you write.

Peacock's ....Dahlias

For plants or bulbs address

L. K. PEACOCK,

Dahlia Specialist, ATCO, N. J.

Mention The Review when you write.

BEGONIA

GLOIRE DE LORRAINE

Fine thrifty stock, 2-inch, per 100, $10.00.
4-inch, per 100, $40.00.
Prices of larger stock upon application.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

Wholesale Cut Flower Prices.

Philadelphia, Oct 26.

		Per doz.
Beauties, Specials		$3.00
" Extra	$2.00 to	2.50
" Medium		1.50
" Short	75 to	1.00
Queen of Edgely, Extra		2.00
" " Medium		1.50
" " Short	.75 to	1.00
		Per 100
Bride and Bridesmaid	5.00 to	6.00
" " Ordinary	2.00 to	3.00
Liberty, Specials	5.00 to	8.00
" Ordinary	2.00 to	3.00
Kaiserin, Special	5.00 to	8.00
" Ordinary	2.00 to	4.00
Golden Gate, Special	5.00 to	8.00
" Ordinary	2.00 to	3.00
Meteors	2.00 to	6.00
Ideal	2.00 to	5.00
Perle	2.00 to	4.00
Sunrise	3.00 to	5.00
Carnations, Fancy	2.50 to	3.00
" Select	1.50 to	2.00
" Ordinary	.50 to	1.00
Adiantum Cuneatum	.75 to	1.00
" Croweanum		1.50
" Farleyense		10.00
Asparagus Plumosus, Strings		50.00
" " Sprays	25.00 to	50.00
" Sprengeri Sprays	35.00 to	50.00
Orchids, Cattleyas		40.00
" Dendrobium Formosum		40.00
" Oncidium	3.00 to	5.00
" Cypripedium		15.00
Bouvardias	2.00 to	5.00
Callas		10.00
Cosmos		.50
Daisies, Yellow		.50
" White	.75 to	1.00
Gardenias		25.00
Mignonette	2.00 to	4.00
Pansies	.75 to	1.00
Smilax	12.50 to	15.00
Sweet Peas		.75
Valley, Fancy	4.00 to	5.00
" Ordinary	2.00 to	3.00
Violets, Single	.25 to	.35
" Double	.50 to	.75
Chrysanthemums, Fancy, per doz.	3.00 to	4.00
" Select, " "	1.50 to	2.00
" Ordin., per 100	4.00 to	8.00

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENISTON, Newburyport, Mass.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

White Chrysanthemums

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

EDWARD REID,

WHOLESALE FLORIST.

Extra Select Valley.

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

FRED EHRET,

Wholesale Florist,

Center for BRIDES, MAIDS, BEAUTIES, CARNATIONS, Etc.

1403-5 Fairmount Ave., PHILADELPHIA.

Established 1890.

Mention The Review when you write.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

38-40 Miami Avenue, Detroit, Mich.

Mention The Review when you write.

CUT ROSES DIRECT From Grower to DEALER

Brides, Meteors, Beauties, Maids, Smilax and Carnations.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, - - MADISON, N. J.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

BOSTON FERNS!

Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.

JOHN WELSH YOUNG

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

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Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3360, 3361 Madison Square.

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Wholesale Florists.

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SHIPPING ON COMMISSION.
Telephone 756 Madison Square

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ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

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The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.

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57 WEST 28TH ST., NEW YORK

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MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.

Special arrangements this season for the extensive handling of American Beauties

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WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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WHOLESALE AND COMMISSION FLORIST,
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WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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All varieties of Cut Flowers in season at right prices and of the best quality.
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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Oct. 24.

		Per 100
Beauties,	Specials	$15 00 to $20 00
"	Extra	10 00 to 12.00
"	No. 1	5 00 to 8.00
"	Shorts	2.00 to 5 00
Brides and Maids,	Specials	3.00 to 5.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 4.00
Liberty		1.00 to 10 00
Mme. Chatenay		1.00 to 6 00
Meteor		1.00 to 5.00
Orchids, Cattleyas		20.00 to 35.00
Carnations, Common		.25 to .50
" Selects		.75 to 1.00
" Fancies		1 00 to 1 50
" Novelties		3.00 to 5.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25 00 to 50.00
Asparagus Sprengeri ... per bunch,		6 00 to 10.00
Lilies		5.00 to 8 00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 8 00
Violets		.25 to .75
Chrysanthemums		5 00 to 20 00
Tuberoses		1.00 to 2.00

A. L. YOUNG & CO.,
WHOLESALE FLORISTS.
Receivers and Shippers of Cut Flowers. Consignments Solicited.
Tel. 3559 Madison Sq. 54 W. 28th St., New York.
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The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.

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30 West 29th Street,
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Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS — Important — Special advantages for you this season. Write or see us.
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Geo. Saltford
WHOLESALE FLORIST,
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Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
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TEL. 756-MADISON.
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GENERAL MANAGER
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JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY.
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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
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JOSEPH S. FENRICH
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Open every day at 6 a. m.

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Telephone 167 Madison Square.

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American Beauties—Orchids—Roses—Carnations—Violets

AND EVERY VARIETY OF CUT FLOWERS

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HINODE FLORIST CO.,

Importers and Growers of High-Grade JAPAN LONGIFLORUM LILIES, JAPAN DWARFED PLANTS.

Woodside, Long Island, N. Y.

Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter.

Whitestone, N. Y.

Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

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HIGH-GRADE
Southern Wild Smilax
And Florists' Hardy Decorative Supplies.

PRICES RIGHT.

Special facilities for handling large orders.

Write, Wire or Phone.

E. A. BEAVEN, Evergreen, Ala.

(Formerly of Caldwell The Woodsman Company.)

Mention The Review when you write.

Galax, Leucothoe, etc.

Galax—Bronze or Green.....$1.00 per 1000
Leucothoe Sprays ..... 1.00 per 100
Southern Smilax, large case $6.00

Cut Flowers. Florists' Supplies.

H. L. MENAND, 34 WILLIAM STREET, ALBANY, N. Y. L. D. Telephones.

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GALAX.—— MOSS.—— FERNS.

CRAWBUCK & WILES,

Wholesale Dealers in

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H. R. CRAWBUCK. Telephone Connection. E. W. WILES.

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Write, Wire or Phone the Introducers.
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NEW CROP Southern Wild Smilax now ready in limited quantities.

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GALAX LEAVES.

Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.

Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.

L. J. Kreshover, 110-112 W. 27th St. Tel. 597 Mad. Sq. **New York**

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500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax, Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

WILLIAM CLARK,

COLORADO SPRINGS, COLO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Oct. 26.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Short Stems	2.00 to 4.00
Brides, Specials	6.00 to 8.00
" Seconds	1.00 to 3.00
Bridesmaids, Specials	6.00 to 8.00
" Seconds	1.00 to 2.00
Carnots	3.00 to 6.00
Liberty	2.00 to 5.00
Kaiserin	3.00 to 6.00
Carnations, Specials	2.50 to 3.00
" Select	1.50 to 2.00
Chrysanthemums	5.00 to 20.00
Violets	.30 to .75
Lily of the Valley	2.00 to 4.00
Mignonette	4.00
Bouvardia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" Sprays, bunch	.25 to .50
Smilax	10.00 to 12.50
Adiantum	1.00

Buffalo, Oct. 26.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 7.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	1.00 to 4.00
Chrysanthemums	4.00 to 20.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.30 to .60

THAT little one-inch advertisement in your valuable paper did the work all right, as usual.—J. F. AMMANN, Edwardsville, Ill.

THE REVIEW is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. MCSWEENEY.

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N. LECAKES & CO.

53 W. 28th St., NEW YORK

Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.

SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of

EVERGREENS

FANCY and DAGGER FERNS,

GALAX — Brown and Green.

45 West 29th St., New York City.

LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE.

Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

You will find ALL the BEST offers ALL the time IN THE Review's Classified Advs.

Wholesale Cut Flower Prices.

Chicago, Oct 26.

		Per doz.
Beauties, Long stems	$3.00 to	$4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
Shorts....per 100, $4.00 to $5.00		
		Per 100
Bridesmaids, Specials	$4 00 to	$6 00
" Firsts	2.00 to	3.00
Brides, Specials	4 00 to	6.00
" Firsts	2.00 to	3.00
Liberty, Specials	5.00 to	6.00
" Firsts	2.00 to	4.00
Golden Gate, Firsts	4.00 to	5 00
" Seconds	2.00 to	3 00
Kaiserin, Firsts	6.00 to	8.00
" Seconds	3.00 to	5.00
Meteor, Firsts	4 00 to	6 00
" Seconds	2.00 to	3.00
Ivory, Firsts	4.00 to	5.00
" Seconds	2.00 to	3.00
Perles, Firsts	4.00 to	5.00
" Seconds	2 00 to	3 00
Chatenay	3.00 to	6.00
Carnations, Select	1.00 to	1.50
" Fancy	2.00 to	3.00
Chrysanthemums, good...per doz.	1.25 to	1.50
" fancy... "	2.00 to	4.00
Violets	.20 to	1.00
Shasta Daisies	.50 to	1.00
Easter Lilies.....per doz.		1.50
Asparagus, Strings	35 00 to	50.00
" Sprays....per bunch,	.25 to	.35
Sprengeri	.25 to	.35
Ferns.....per 1,000, $1.25		.15
Adiantum Cuneatum	.75 to	1.00
" Croweanum		1.50
Smilax.....per doz.	1.50 to	2.00

Cleveland, Oct. 26.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" No. 1	8.00 to	10.00
" Shorts		5.00
Bride and Bridesmaid	2.00 to	5 00
Kaiserin	2 00 to	8.00
Meteors	3.00 to	5 00
Carnations	1.00 to	2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri	2 00 to	4.00
Chrysanthemums	8.00 to	20 00
Violets	.50 to	1.00
Smilax	12.50 to	15.00
Ferns, per 1000		1.50

VAUGHAN & SPERRY

Wholesale Florists,

58-60 Wabash Ave., CHICAGO.

Write for special prices.

Mention The Review when you write.

SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

Mention The Review when you write

D. WOOD BRANT

SUCCESSOR TO

BRANT & NOE FLORAL COMPANY,

58-60 Wabash Ave., CHICAGO.

Very Choice American Beauties.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

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E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., CHICAGO.

STANDING ORDERS SOLICITED.

A Daily Cut from 40 Growers.

We can and will fill your Cut Flower wants to advantage.

Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our Specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY FERNS and WILD SMILAX.

Most complete line of

FLORISTS' SUPPLIES

IN THE WEST.

—— CATALOGUE FREE ——

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Ave, CHICAGO.

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J. A. BUDLONG

37-39 Randolph Street CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

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GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

Mention The Review when you write.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE CUT FLOWERS CHICAGO

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Poehlmann Bros.

Wholesale Growers of and Dealers in Cut Flowers.

All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

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A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

The Philadelphia Wholesale Flower Market.

VALLEY—Very choice stock in quantity.
BEAUTIES—We have More and Finer Beauties than can be found e sewhere in the city.
CHRYSANTHEMUMS—Pink, White and Yellow.
DOUBLE VIOLETS—Of finest quality.

GARDENIA FLOWERS ARE NOW BRINGING 25c each. Why not plant some at once? Good 6 in. plants $6 00 doz; $40.00 per 100.

Come and see the samples or send us your orders, large or small, and we will fill them promptly and carefully.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Oct. 26

		Per doz.
Beauties,	Specials	$3.00 to $5.00
"	Extra	1.50 to 2 00
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$5 00 to $8 00
" "	Extra	3 00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		5.00 to 8.00
Golden Gate		4.00 to 6 00
Kaiserin		5.00 to 8.00
Liberty		4.00 to 6.00
Meteor		4 00 to 6 00
Carnations,	Common	1 00 to 1.50
"	Select	2.00 to 2.50
"	Fancies	2 50 to 3 00
Adiantum		1.00 to 1 25
Asparagus Plumosus,	Strings	25.00 to 35.00
" "	Sprays	1.00 to 1.50
" Sprengeri	"	1.00 to 1.50
Asters		.75 to 2.00
Chrysanthemums,	Select	20.00 to 25.00
"	Fair	3.00 to 10.00
Lily of the Valley		3.00 to 4 00
Smilax		12.50 to 15.00
Violets		.25 to .50

Milwaukee, Oct. 26.

		Per 100
Beauties,	Specials	$30.00
"	Extra	25.00
"	No. 1	20 00
"	Shorts	$10.00 to 15.00
Bride and Bridesmaid,	Specials	8.00
" "	Extra	7.00
" "	No. 1	6.00
" "	No. 2	5.00
Cusin		4.00 to 8 00
Mrs. Morgan		4 00 to 7 00
Perle		4.00 to 8.00
Chrysanthemums		5.00 to 25.00
Carnations,	Common	1.50
"	Selects	2.00
"	Fancies	5 00
Adiantum Cuneatum		1.00

DORCHESTER, MASS.

Some time during the night of September 23 some party or parties entered the T. H. Meade greenhouses, on Wrentham street, Dorchester, which are now conducted by the L. H. Foster estate, breaking open the cellar door, and also the door into the potting shed. They were not content with breaking into the place, but deliberately performed a most dastardly act by deliberately punching a large hole in a No. 6 Weathered boiler which had been fitted with new grates and was all ready for firing up. The employes of the place cannot see how any stranger could have entered, as a dog is kept there every night and he has no use for strangers, so they are convinced that it must be some one well acquainted with the dog and the place who committed the malicious act.

OSHKOSH, WIS.—Geo. Miles, son of the late Isaac Miles, the pioneer florist of Oshkosh, died at Seattle, Wash., last week and his body was brought to Oshkosh for burial.

WM. MURPHY
Wholesale Commission Dealer in
Cut Flowers and Florists' Supplies
ROSES, CARNATIONS, MUMS AND VIOLETS ARE NOW ARRIVING.
Special Attention to Shipping Orders.
If you are in the market to buy or sell write or wire
128 E. Third St., CINCINNATI, OHIO.
Telephone M 980. Night Messages W 1191 R.
WIRE WORK of all Kinds for Florists.

C. E. Critchell,
Wholesale Commission Florist,
36 EAST THIRD STREET, CINCINNATI, OHIO.
All orders promptly filled in best possible manner. Consignments Solicited.
Prompt and liberal returns on all consignments.

The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.

H.G.Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Oct. 26.

		Per 100
Beauties,	Extra	$15.00 to $25.00
"	No. 1	10 00 to 12.50
"	Shorts	4.00 to 8.00
Brides and Maids,	Extra	5.00
" "	No. 1	4.00
" "	No. 2	2.00
Golden Gate		2.00 to 5.00
Kaiserin		2.00 to 6.00
Liberty		2 00 to 6.00
Meteor		2.00 to 4.00
Perle and Sunrise		2.00 to 3.00
Carnations,	Common	1.00
"	Selects	1.50 to 2.00
"	Fancies	2.50 to 3.00
Asparagus Plumosus,	Strings	35.00 to 50.00
"	Sprays	4.00 to 5.00
" Sprengeri,	"	2.00 to 3.00
Dahlias		2.00 to 4.00
Gladiolus		2.00 to 3.00
Lilium Longiflorum		8.00 to 12.50
Smilax		10 00 to 18.00
Lily of the Valley		3.00 to 4.00
Chrysanthemums		4.00 to 25.00
Violets		.35 to .50

Pittsburg, Oct. 26.

		Per 100
Beauties,	Specials	$15.00 to $20 00
"	Extra	10.00 to 12 00
"	No. 1	6.00 to 8.00
"	Shorts	4.00 to 5.00
Brides and Maids		2.00 to 6.00
Cusin		2.00 to 4.00
Kaiserin		2 00 to 8.00
Liberty		3.00 to 6.00
Mme. Chatenay		2.00 to 6 00
Carnations		1.00 to 3.00
Adiantum Cuneatum		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
"	Sprays	1.00 to 2.00
" Sprengeri	"	1.00 to 2.00
Chrysanthemums		4.00 to 25.00
Lily of the Valley		2 00 to 4.00
Violets		.50 to 1.00
Smilax		12 50 to 15.00
Lilies		8.00 to 15.00
Paper White Narcissi		3.00 to 4.00

NEW HAVEN, CONN.—The fourth annual exhibition of the New Haven County Horticultural Society will be held November 8 to 10. P. Keane is secretary.

WASHINGTON, IOWA.—E. C. Keck has sold a half interest in his business to his brothers, C. M. and C. H. Keck and Frank Creath. The business will hereafter be known as the Keck Floral Co.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
Solicits your orders with confidence that he can serve you to your entire satisfaction.
Mention The Review when you write.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.
THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 2018 M.
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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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NURSERIES, RUTHERFORD, N.J.

☞Orders for Baskets, Boxes, Designs Steamers, Receptions, and from out of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

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1224 F Street, Northwest,

Washington, -- D. C.

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THE NEW

SEASON

..IS NOW..

At HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

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546 Fifth Avenue
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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

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C. C. Pollworth Co.

WHOLESALE FLORISTS,
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The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

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2139-2141 Broadway,
Tel. 1552-1553 Columbus,

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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GAUZE RIBBONS

from manufacturer to florists.

We make them ESPECIALLY for florists and "know how" to weave them right. Our prices are those of the MANUFACTURER, not jobbers' prices. Colors:

White,	Purple,
Light Pink,	Mousse,
Dark Pink,	Applegreen,
Light Violet,	Blue,
Dark Violet,	Nile,
Beauty,	Meteor.

Write for samples and prices. All widths, narrow and wide.

The Pine Tree Silk Mills Company

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806-808-810 Arch St. 52 and 54 N. 8th St.

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HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

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NEW CROP SOUTHERN WILD SMILAX, best quality, 25-lb. case $3.50; 50-lb. case, $7.

DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

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A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.

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L. BAUMANN & CO.

IMPORTERS AND MANUFACTURERS OF

Florists' Supplies

76-78 Wabash Ave., CHICAGO.

Write for our new catalogue F, our prices may interest you.

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A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of

EVERGREENS

GALAX, Bronze or Green $1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, .75 "



468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 4009 R Madison Square.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

LOUISVILLE, KY.

There is not a great deal of life in business as yet. The weather is warm and plenty of flowers outdoors.. A good frost would help the trade along. Lots of stock is coming into the market. Some very fine chrysanthemums are to be seen and roses are of good quality. Beauties take the lead, as usual. Carnations are not as yet plentiful, owing to the excessive heat we are having, but the prospects are bright.

Jacob Schulz's carnations will be a sight when they come into bloom. They are looking fine.

Jos. Coenen & Co. had a wedding decoration this week. Lots of roses and smilax were used.

The A. Heitz place is in fine order. He will have a fine lot of pot mums for All Saints' day.

Henry Fuchs has just completed putting in a steam boiler and has added two more houses to his plant.

Leo Zeller, formerly with Jacob Schulz, has started in business. He will grow carnations chiefly.

A. Baumer is making a handsome display in his show window of roses and cut chrysanthemums. August knows how to go at it.

Mr. and Mrs. Fred Haupt have returned from their long trip to the Golden Gate and enjoyed it ever so much.

F. Walker & Co. are building a greenhouse in the rear of their store for palms and ferns.

C. W. Reimers, of Crescent Hill, is sending in some very fine American Beauties and chrysanthemums.

On Sunday, October 16, a party of florists, consisting of Jos. Coenen, Jno. Bohrman, Fred Schulz, Hy. Fuchs, Mr. and Mrs. Joe Werth and Hy. Lichtefeld, made a trip to Cincinnati, took dinner at Rigg's and after dinner took a car at Fountain Square out to Lockland and visited the establishment of W. K. Partridge. We found the gentleman at home on his beautiful place. Through the kindness of Mr. Partridge the party was shown through the different houses. His roses and carnations are a picture of health. Here was seen a red seedling carnation which took the eye of everyone and made a good impression. It was a bright red and had a good stem and large flowers. HY. LICHTEFELD.

MINNEAPOLIS.

L. S. Donaldson has bought the R. J. Mendenhall greenhouses and the real estate used in connection with the business. Mr. Mendenhall has been in the business forty-five years. The sale marks his retirement from business after being a resident of Minneapolis since 1856.

Mr. Donaldson secures the greenhouses and property on First avenue S. between Eighteenth and Nineteenth, and running through to Stevens avenue. He will immediately put the stock on the market. The greenhouses will be closed out. What the improvements to the property will be has not been determined, but they will be extensive.

WEST SUPERIOR, WIS.—James S. Marshall is making extensive repairs and improvements in his greenhouses on Hughitt avenue.

LARWILL, IND.—F. A. Knull has just added another house 10x65. He grows lettuce, pot plants and mums and has a prosperous trade.

DENVER.

The Market.

Colorado climate at this time of year is very notional and climatic influences, to a great extent, regulate the demand for and values of flowers. Up to October 18 the weather has been very favorable to the production of outdoor flowers and such material has been more beautiful than at earlier stages of the summer; consequently the sale of greenhouse stuff has been rather slow and the supply, except carnations, has been far in excess of the demand. The sale of cut mums up to date has been very satisfactory to some of the dealers who have been fortunate enough to dispose of their Robinsons, Monrovias and other early varieties long before they were anywhere near developed. Aspect of greenhouse and other favorable conditions have enabled some growers to clean out their whole crop of early varieties before others think of starting to cut the same varieties. True, such cuts were of that soft character that, if not disposed of at once by the retailer, are a great loss to him and, if sold, a great disappointment to his patrons, but the grower is satisfied, as the flowers brought as good prices in this condition as the perfect flowers will at a later date, when there is a surplus.

Various Notes.

The Park Floral Co. has a mum house which is very promising. The new pink, Wm. Duckham, is behaving itself very well, sturdy growth with no inclination to weaken at the neck or sacrifice its equilibrium for the sake of the blossom. Perhaps some will think it is too stiff in growth. Its compact growth and dense foliage would lead one to hope for a good pot variety and fill a want long felt.

Many of the florists out here have been allowing themselves to think that Glory of Pacific was all right, which it is as far as earliness is concerned, but its familiarity has bred contempt and many have concluded to banish it. Ben Boldt's plants of this variety were magnificent, but color and form of flower were against them.

Pot mums are now occupying a large portion of the growers' attention and prominent positions in the retailers stores. Considering the character of the stock and the large supply on hand, the prospects for a profitable and quick clean-up are not very encouraging. Quality has been sacrificed for quantity and all interested, from the grower to the retailer, will have to suffer the consequences.

Lilium speciosum, both album and rubrum, has been grown here for several years as a pot plant with very satisfactory results, more for cut flowers than otherwise. Flowering at a time when choice flowers are scarce makes them of special value for decorations and other work. The smaller flowers make up nicely into bouquets for bridal parties. They are much admired on account of their orchid-like appearance.

Mahler is now furnishing the market with fair violets, considering the unfavorable weather we have had.

Fred Hall is supplying the retailers with a fine lot of Libertie, and Scott considers them the best roses of this type and color on the market.

Sam Lundy, who is a Denver product, but for some years past floral artist for Geo. Fleischer, of Pueblo, paid this city a flying visit last week.

Emil Glauber has just returned from a month's visit to his old home on the Atlantic seaboard.

Grimes and Mauff put in a few weeks recently at the World's Fair and seem well satisfied with everything excepting floral interests. Great Divide.

Lower Sawatara, Pa.—Aaron Brandt is building a greenhouse.

Crete, Ill.—G. Heinrich is offering to rent or sell the Crete Greenhouses, although he does not care to dispose of the real estate, intending to go into the nursery business. The location is a good one for either purpose, as there is a good trade and no competition for many miles.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $15.00
Strong, 3-inch.....per 100, 3.00 per 1000, 22.00

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

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CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

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Early New Rose Cuttings

of the very best wood, following varieties: La Detroit, Gen. McArthur, Pres. Carnot, Belle Siebrecht, Perle, LaFrance, Maids, Brides, Wootton's. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

The First Steps!

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. Valentine,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL

By William Scott.

A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

FLORISTS' PUBLISHING CO.

334 Dearborn St., CHICAGO.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6 in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4 000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12 00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsterianas, made-up plants, 7-in. pots, 40 to 46 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 4-inch pots, 25c; 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus Nanus—3-inch, strong, $6 00 per 100; 4-inch pots, bushy, at the rate of $10 00 per 100.

Cycas Revoluta—6 7, 8-inch pots, from 5, to 20 leaves, new stock, 10 cents a leaf.

Boston Ferns—6-inch pots, 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 4-in., 20c; 7-inch specimens, 75c to $1 00 each; 8-inch pots, as big as a bushel basket, $1.25 each.

Piersoni Ferns—5, 5½ to 6 inch, 30c, 40c to 50c.

Areca Lutescens—Made-up plants large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—4-inch, bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 4c.

Acorus Gramineus Variegatus—For dishes, $1.00 per doz.

Primula Chinensis for Xmas blooming, Rupp's best strain, 4-in., $8 00 per 100.

Solanum or Jerusalem Cherries, full of fruit, large, bushy plants, 5½ to 6-inch pots, from $2 00 $2 50 to $3.00 per doz. Capsicum annuum or Xmas peppers in fruit, 5-inch $2.00 per doz.

Just arrived per steamer Switzerland, 30 cases of Azalea Indica, best American varieties. I am noted for importing the choicest of Ghent's cream. Prices: 40c, 50c, 60c, 75c to $1.00 each.

One of 100 different testimonials:

Cincinnati, Ohio, Sept. 29, 1904.

Mr. Godfrey Aschmann:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY,
813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants
Bell Phone Tioga 3669A.

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YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

DREER'S DECORATIVE PLANTS.

We have in stock a fine line in the following sizes: **Clean, thrifty, vigorous stock which is certain to give full satisfaction.**

KENTIA FORSTERIANA — Made-up Plants.

3-inch pots,	3 plants in a pot,	12 inches high		$2.00 per doz.;	$15.00 per 100
4 "	3 "	14 "		4.50 "	35.00 "
5 "	3 to 4 "	14 "		7.50 "	60.00 "
8-inch tubs,	3 plants in a tub,	4 to 4½ feet high			5.00 each
9 "	3 "	5 to 5½ "			6.50 "
9 "	3 "	5½ to 6 "			7.50 "
10 "	3 "	6 to 6½ "			12.50 "
12 "	3 to 4 "	6 to 7 "			15.00 "
12 "	3 to 4 "	7 "			20.00 "

KENTIA FORSTERIANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 inches high			$ .30 each
6 "	6 "	28 to 30 "			1.00 "
6 "	6 "	30 to 32 "			1.25 "
6 "	6 "	32 to 36 "			1.50 "
8 "	6 to 7 "	4½ feet high			5.00 "
9 "	6 to 7 "	5 to 5½ feet high			6.00 "
10 "	6 to 7 "	5½ to 6 "			7.50 "
10 "	6 to 7 "	6 "			10.00 "
12-inch tubs,	6 to 7 "	6½ "			12.50 "
12 "	6 to 7 "	7 to 8 "			25.00 "

KENTIA BELMOREANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 to 18 inches high			$ .35 each
5 "	5 to 6 "	20 to 22 "			.75 "
6 "	6 "	28 to 30 "			1.25 "
6 "	6 to 7 "	30 to 36 "			1.50 "
7 "	6 to 7 "	33 to 36 "		heavy	2.00 "

KENTIA SANDERIANA.

A rare, pretty, hardy, serviceable variety.

Fine plants in	5-inch pots,	18 inches high			$1.25 each
" "	6 "	24 "			1.50 "
" "	7 "	30 "			3.00 "

ARECA LUTESCENS.

4-inch pots,	2 to 3 plants in a pot,	15 to 18 inches high			$ .25 each
5 "	3 "	18 to 20 "			.40 "
6 "	3 "	24 to 28 "			.75 "
10 "	very bushy	48 to 54 "			4.00 "

LATANIA BORBONICA.

The best values in these plants that we have ever offered.

3-inch pots,	5 to 6 leaves,	12 to 15 inches high			$8.00 per 100
4 "	5 to 6 "	15 "			20.00 "
5 "	5 to 6 "	15 to 18 "			30.00 "
6 "	6 "	20 "			50.00 "
7 "	6 to 7 "	20 to 24 "			.75 each
8 "	7 to 8 "	24 "		fine plants	1.00 "
8 "	8 to 10 "	28 to 30 "			2.00 "

PHOENIX CANARIENSIS.

A nice lot of decorative plants in tubs.

3½ to 4 feet high.....$6.00 each. 4 to 4½ feet high.....$7.50 each

PHOENIX RUPICOLA.

6-inch pots, 24 inches high.....$1.50 each

ARAUCARIA EXCELSA.

4-inch pots,	8 to 10 inches high,	3 tiers			$ .50 each
6 "	12 to 14 "	3 to 4 tiers			.75 "
6 "	14 to 16 "	4 tiers			1.00 "
6 "	16 to 18 "	4 tiers			1.25 "

ARAUCARIA EXCELSA GLAUCA.

6-inch pots,	13 to 15 inches high,	3 tiers			$1.25 each
7 "	16 to 18 "	4 tiers			1.75 "
7 "	22 to 24 "	4 to 5 tiers			2.00 "

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3 tiers			$1.25 each
6 "	12 "	3 tiers			1.50 "
7 "	15 "	3 to 4 tiers			1.75 "

BOSTON FERNS.

A fine lot of dwarf, stocky, bushy plants.

7-inch pots, 75c each; 8-inch pots, $1.00 each; 12-inch pans, $2.00 each

ADIANTUM FARLEYENSE.

A nice, thrifty lot of plants, 4-inch pots, 35c each; 5-inch pots, 75c each

ADIANTUM TENERUM — A fine lot of this useful maiden-hair in 4-inch pots.....$12.00 per 100.

ASPLENIUM NIDUS AVIS — We offer a good lot of this handsome Bird's-Nest Fern.
4-inch pots, 35c each; 5-inch pots, 60c each; 6-inch pots, $1.00 each.

HENRY A. DREER, Philadelphia, Pa.

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We Are Selling Agents for

GIBSON BEAUTY and WHITE SWAN

Carnations. Shall be pleased to have you correspond with us in regard to prices. Write—

GEO. A. KUHL, PEKIN, ILL.

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EXTRA LARGE

Scott Carnation

Plants, $3.00 per 100. They are fine.

W. C. PRAY & CO., Kinkora, N. J.

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CARNATIONS EXTRA LARGE, CLEAN STOCK.

Lawson, Louise, White Cloud, Prosperity, Floriana and Estelle at 4½c or $40.00 a 1000. Crocker, 3c or $25.00 a 1000.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas 3-in., $4.00 per 100. Primula Sinensis, 3-in., $3.00 per 100; 4-in., $6.00 per 100.

Boston Ferns, 5-in., strong plants, $20.00 per 100; 6 in., $25.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N.Y.

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Florists' Review

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Special Offer of BULBS and DECORATIVE PLANTS.

Lilium Harrisii, 5-7-in.		per 100,	$3.00		
Lilium Harrisii, 7-9-in.		"	8.00		
Hyacinths—Roman White, 12-15 cms		per 1000,	24.00		
Hyacinths—Single Dutch, named colors		"	26.00		
Narcissus—Von Sion, select		"	12.00		
Asparagus Plumosus Robustus		per 100,	$4.00		
Asparagus Plumosus		"	3.00		
Asparagus Sprengeri		"	2.50		
Pteris Tremula		per 100,	2.50		
Pteris Argyrea		"	2.50		

SMALL FERNS for Dishes, full list of best dwarf varieties, $3.00 per 100; $25.00 per 1000.

SMALL PALMS for Center Plants to Dishes, 2½-inch pots, 6-8-inches high, Areca Lutescens, $6.00 per 100. Kentia Belmoreana, $8.00 per 100.

Celestial Peppers, 5-in. pot plants, $15.00 per 100.

Euphorbia Jacquiniæflora, grand for winter pot plants, 3 inch, $8.00 per 100. 4-in., $12.00 per 100.

Deutzia Gracilis, for potting, 12 to 15-inch, $6.00 per 100; 15 to 18-inch, $8.00 per 100.

Latania Borbonica—
24-in., 5 to 7 leaves, 7-in. pot...$1.00 each.
28 in.. 6 to 8 leaves, 8-in. pot... 1.50 "
28 to 30-in., 7 to 9 lvs.. 10-in. pot, 2.50 "

Cycas Revoluta—
" " 10 to 12 leaves. 1.00 "
" " 12 to 15 " 1.50 "

Deutzia Lemoinei, grand for pots, 15 to 18 inch, $8.00 per 100; 18 to 24 inch.....$10.00 per 100.

Chinese Primulas, Alba and Rosea, 2½-inch pots.....$2.00 per 100

Primula Forbesi, 2½-inch pots..... 2.00 per 100

The Storrs & Harrison Co., Painesville, Ohio.

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When Writing Advertisers.

JOLIET, ILL.

There are to be three big flower shows in the west this year, Chicago, St. Louis and Joliet. November 2 to 5 are the dates of the Joliet show. Cut chrysanthemums and plants must be in position by noon of the opening day, cut roses on Thursday, carnations on Friday. Exhibits are solicited. Here are some of the premiums offered: For best forty varieties chrysanthemums, $50; twelve white, light pink, dark pink, yellow and red, $6 for each. Carnations, best fifty each, white, light pink, dark pink, crimson, scarlet, yellow, variegated, $5 and $2. Best 100 blooms any variety, cut glass vase valued at $25. A gold medal is offered for twenty-five blooms of an undisseminated American rose. For twenty-five Beauties $15 is offered; for twenty-five Liberty $10, and for each of the other varieties $5.

Entries should be addressed to Chas. A. Noble, secretary, and exhibits sent to Jas. Hartshorne, at chrysanthemum show, Joliet.

The invitation sent by our bowling team has been accepted by the Chicago Florists' Club bowling team. The match will take place November 5. The Improvement Association, under whose auspices the flower show is held, has put up a prize. A banquet will be given the visiting florists in the Elk's Club. It is expected a large crowd will be down from Chicago, as there certainly were some "doings" the last time they were here. We still have the same mayor, boys.

J. H.

Springfield, O.—The Reeser Floral Co. has been incorporated with $50,000 capital stock by C. H. Hiser, E. N. Lupfer, Paul A. Saley, A. Winger and W. C. Reeser.

FLORA HILL

3000 Extra Strong Field-grown Plants of Flora Hill Carnation at $5.00 a 100.

EDWARD REID,

1526 Ranstead St., PHILADELPHIA.

Mention The Review when you write.

No. 1 FIELD-GROWN

CARNATION PLANTS

Queen Louise	$4 00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is

....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

Mention The Review when you write.

TO CLOSE OUT.

Field-Grown Carnation Plants.

We offer the following at $40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. **Chicago.**

Mention The Review when you write.

50,000
EXTRA FINE, CLEAN,
FIELD-GROWN

CARNATION PLANTS

	Per 100	1000
Lawson, pink	$4 00	$35 00
Guardian Angel, pink	3 00	25 00
Higinbotham, pink	4 00	35 00
Flora Hill, white	3 00	25 00
Queen Louise, white	4 00	35 00

George Reinberg

51 WABASH AVENUE,
CHICAGO.

Mention The Review when you write.

CARNATIONS Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

Mention The Review when you write.

Fred Burki is the new commercial white carnation worthy of your attention.

Has scored 88 points at the Detroit Convention, receiving a certificate of merit.

Send for descriptive circular.

JOHN MURCHIE, SHARON, PA.
S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.

Mention The Review when you write.

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FIELD-GROWN

Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red;		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

MUM NOVELTIES!

ARE YOU GOING TO THE C. S. A. MEETING IN BOSTON?

If so, look over the following varieties:

MRS. W. DUCKHAM, a lovely yellow.
J. H. DOYLE and MRS. J. A. MILLER, two brick-red monsters.
EMILY MILEHAM, a beautiful white.
VALERIE GREENHAM and MRS. H. A. ALLEN, leaders in pink.
DORA STEVENS, JOHN FRASER, J. H. SILSBURY, and others.

WE ARE HEADQUARTERS FOR THE BEST OF THE NEW THINGS AGAIN.

Take notice how Duckham, Cobbold, Cheltoni, Mildred Ware and others of our last year's Novelties are set up. Come to the Convention and get posted.

SEND FOR OUR LIST.

CHARLES H. TOTTY

MADISON, NEW JERSEY

Mention The Review when you write.

Look Here

Stock Plants of Chrysanthemums, good, strong and healthy at $4.00 per 100 or $35.00 per 1000 of the following varieties; 300 Hallida, s. 200 Oct. Sunshine, 500 Col. Appleton, 200 Eaton, 200 Mme. Perrin, 200 Viviand-Morel, 200 Queen, 200 Major Bonnaffon, 500 Polly Rose, 300 Glory Pacific, 100 Mme. Bergmann, 200 Ivory.

100 000 **Smilax** 2½-inch pots, good and strong at $2.00 per 100 or $15.00 per 1000.

50 5-inch **Boston Ferns** at 20c or $8.00 for the lot. 40 6-inch at 35c or $12.50 for the 40 and 30 **Rubbers**, 6-inch, at 35c or $10.00 for the lot. Need the bench space or would not sell these Rubbers at this sacrifice. Price cash or C. O. D.

Garfield Ave. Greenhouses,

Harry T. Miller, Proprietor. Salem, Ohio.

Mention The Review when you write.

150,000 FIELD-GROWN CARNATIONS

Queen Louise	white	6c	Mrs. E. A. Nelson	pink	6c
Enchantress	light pink	10c	Floriana	pink	5c
Chicago	red	6c	Ethel Crocker	pink	5c
Flora Hill		6c	Eldorado	yellow	5c
Lorna		6c	Oriole	scarlet	5c
Harry Fenn		6c	Mermaid	pink	5c
Wm. Scott		5c	Dorothy	pink	5c

J. L. DILLON, -- BLOOMSBURG, PA.

Mention The Review when you write.

10,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $5.00; Estelle, $5.00; Alba, $5.00; Lawson, $5.00; Queen Louise, $4.00; Manley, $4.00; Lord, $4.00; Lorna, $4.00; Glacier, $4.00; America, $4.00; Joost, $4.00; Gomez, $4.00; Marquis, $4.00; Mermaid, $4.00 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

Mention The Review when you write.

I HAVE 50,000

Fine Field-Grown Carnation Plants.

	Per 100
Vesper, best white	$10.00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson, pink	6.00
Prosperity, variegated	6.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	10.00
Fair Maid, pink	6.00
Bradt, variegated	6.00
Asparagus, 3-in. pots, very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Ficus, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Pansy Plants.

Large flowering, 60c per 100; $2.50 per 1000. CASH.

JOS. H. CUNNINGHAM, DELAWARE, O.

Mention The Review when you write.

Field-Grown

Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
HIGINBOTHAM	4.50	40.00
LAWSON	6.00	.....

ROSE PLANTS.

	Per 1000
3½-in. **Gates and Brides**, fine stock	$30.00
2½-in. **Maids**, fine stock	20.00
2½-in. **Stevia**	10.00
2½ in. **Mums**	10.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Mention The Review when you write.

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Florists' Review

When Writing Advertisers.

DETROIT.

It has been some time since any Detroit notes have appeared in the columns of the REVIEW, but your scribe has been so busy that he has had neither time nor inclination to take his pen in hand, but the florists of this city and vicinity are an easy-going lot anyway and it takes a convention or a hail storm to arouse them, or one of the "Great Scott" parables. Everyone is prepared for a good winter's business and praying that we may not have another cold winter like the last one.

The past week or ten days of sunshine and warmth have rushed the stock forward so that the retailers have not been able to care for it, especially roses and mums, but cooler weather has now set in and better returns are looked for. Carnations are looking fine, with very little disease, the bulk of the plantings being Lawson and it looks as if another year it would still be Lawson, for White Lawson looks as promising as the parent.

On Thursday, October 27, the Michigan Cut Flower Exchange will keep open house in the new home, which is as finely fitted for the business as any commission house in the country.

President Breitmeyer is very enthusiastic over the World's Fair flower show and it will be a grand success if his work can make it so.

The annual outing to Mt. Clemens takes place on Friday, October 28, and I will try and give your readers a few notes on how stock looks in the Bath City.

RAG.

WE think the REVIEW our best publication.—W. J. MILLER & SON.

CARNATION PLANTS,

Field-grown, FINE, HEALTHY stock. No stem-rot.

		Per 100	Per 1,000
10 000	Lawson	$5.00	$45.00
10,000	White Cloud	5.00	45.00
1,500	Nelson	5 00	45 00
7.000	Prosperity	5.00	45.00
1,000	Glacier	5.00	45.00
600	Norway	5.00	45.00
300	Adonis	5.00	45 00
450	Fair Maid	5.00	45.00
500	Floriana	5.00	45.00
800	Dorothy	5.00	45.00
250	Elma	5.00	45.00
100	Gaiety	5.00	45.00
350	Mrs. Bradt	5.00	45.00
150	J. H. Manley	5.00	45 00
250	Harry Fenn	5 00	45.00
150	Pres. McKinley	5.00	45 00
350	Boston Market	5 00	45.00
350	Gov. Wolcott	5.00	45.00
	G. H. Crane	4 50	40 00
	Gen. Gomez	4.50	40.00
	Gen. Maceo	4.50	40.00

Chrysanthemum Stock Plants

White Fitzwygram, Opah, Willowbrook, Polly Rose, Lady Harriett, Glory of Pacific Monrovia, Omega, M. Lamond, Robinson, Halliday, Mrs. Jerome Jones, Yellow Jones, Marie Liger, Mrs. Weeks, Col. Appleton, Maj. Bonnaffon, R. H. Pearson, Mlle. Douillet, Timothy Eaton, Ivory, Daiskov, Yellow Eaton Viviand-Morel Mrs. Perrin, Fee du Champsaur, Golden Wedding, $1.00 per dozen.

White Bonnaffon, White Maud Dean, Ida Barwood, C. H. Diedericbs, Louis Leroux, Marian Newell, Globosa Alba, Lord Hopetoun, Ethelyn, Baden Powell, Percy Plumridge, Harry Plumridge, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, Wm. Duckham, Leila Filkins, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett Mrs. Geo. Wilkins, Cinna, Mrs. Thirkell, Cecil Cutts, A. J. Balfour, Ben Wells, Mlle. Richardson. Prices on application.

Ferns Piersoni, 2½-in., $8.00 per 100; Boston Ferns, 2½-in., $5.00 per 100; 3-in, $8.00 per 100; 4-in., $15.00; 5-in., $25 00; 6-in., $50.00 per 100; 7-in., $1.00 each; 8-in., $1 25 each. Ready to be shifted. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

DAYTON FLORAL CO.

Offers Asparagus Sprengeri for Cash
3-in. Pots extra fine.....3c
4 " " " " 4c

WE HAVE 5000 ASPARAGUS,

WHO WANTS THEM!

Stock "Mums." Estelle, Earliest White, 5c.

THE DAYTON FLORAL CO., DAYTON, OHIO.

Mention The Review when you write.

Big Bargain in Bostons.

Choice fresh plants ready for retailing.

4 in., $12 per 100, 5-in., $20, 6-in., $30, 7-in., $60 These prices are from $5 to $15 per 100 under the regular price on these sizes. We make these special figures to reduce a large stock. Field-grown Sprengeri, strong plants, ready for 4-in. pots, $5 per 100, for 3-in., $4. Very valuable to cut from.

We have 5,000 strong Joost carnation plants, extra fine, field-grown, at the very low price of $4 per 100, $35 per 1000. Big, branchy plants, **not culls.**

Brides, Maids, Ivory, Golden Gates, 3-inch, good stock, grown for forcing, $1 per 100, $35 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.
Violets, Marie Louise, strong field-grown plants, $4.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

ASPARAGUS

Plumosus Nanus Seedlings

Strong Plants, ready for 2 inch pots, $12.00 per 1000, prepaid.

DRAKE POINT GREENHOUSES

YALAHA, FLA.

Mention The Review when you write.

CHAS. GAY, THE ROOTED CUTTING SPECIALIST

Ready Now—Geraniums—S. A. Nutt, La Favorite, Jean Viaud, Perkins Poitevine, Ricard, A. H. Trego, $1 50 per 100 prepaid.

Let me know what you want in Carnations, Feverfew, Fuchsias, Lantanas, Heliotropes, Marguerites, Salvias and Verbenas. Cash please.

DES MOINES, IOWA.

Mention The Review when you write.

VIOLETS

A 1 stock from 3-inch pots, also field grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Sweet Alyssum—for winter blooming, 2-inch, 3c.

Plumosus Nanus—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS,
ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. Dorchester, Mass.

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XXX SEEDS

CYCLAMEN GIGANTEUM—Finest Giants, mixed. 200 seeds, $1.00; ¼ pkt., 50c.
GIANT PANSY—Best of Giants, mixed, 5,000 seeds. $1.00; ¼ packet, 50c.
CHINESE PRIMROSE—Finest grown, single and double mixed; 500 seeds, $1.00; ¼ pkt., 50c.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

FERNS

We are headquarters in the West for these, as well as Plumosus and Sprengeri. All sizes. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.
Primula Sinensis—2¼-in., $2.00 per 100.
Cinerarias—2¼ in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4 in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1 75 per 100. **Violets,** Lady Campbell, field grown, $1.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande, Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

GLAD HE CAN SAY SO.

Lenox, Mass.

My opinion of its value is that I have never found anything equal to it in pungency, and therefore efficacy. As a Tobacco Powder it is ahead of any other I have used, and am pleased to be able to say so. See page 1147.

GEO. T. PHILCOX.

Are all flower growers liars?

SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 1046-55-56-59, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Mention The Review when you write.

BOSTON FERNS

In pots, 20 000 ready to ship. Extra value. 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

PLUMOSUS in seedlings, 2, 3, 4 and 5-inch.

SPRENGERI in seedlings, 2, 3, 4 and 5-inch.

PIERSONI in 6-inch, extra nice, $50.00 per 100.

FINE LOT OF 3 and 4-inch BOSTONS READY TO SHIFT.

Cut Flowers: MUMS, ROSES and CARNATIONS

—WRITE—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Your Last Chance!

Don't miss this opportunity of securing the following stock. Guaranteed first-class in every respect at half price. We need the room.

BOSTON FERNS, clean and healthy, from 5-inch pots, $3.00 per dozen; $20.00 per 100; 25 at 100 rate.

ASPARAGUS PLUMOSUS NANUS, fine plants from 3-inch pots, $4.00 per 100.

ASPARAGUS SPRENGERI, nice 2¼-inch plants, $1.25 per 100; $12.00 per 1000.

—CASH—

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

Primroses

(SINENSIS)

We have on hand, strong plants of our select strain in

DAYBREAK PINK ....and BRIGHT RED.....

From 3-in. pots, $4.00 per 100;
from 2¼-in. pots, $2.50 per 100.

Nathan Smith & Son,
ADRIAN, MICH.

Mention The Review when you write.

ASP. PLUMOSUS NANUS, 3-in., per 100....$4.50
CIGAR PLANT (Cuphea), 2-in., " 2.00
CRYPTOMERIA JAPONICA, 2-in., per 100 5.00
" " 4-in., " 10.00
SMILAX, 2-in., 75c per 100; Seedlings 25c per 100
SELAGINELLA, 2-in., $2.25 per 100
PELARGONIUMS, 2-in., mixed $3.00 per 100.
MIGNONETTE, (Matchet), 2-in., $2.00 per 100.

E. I. RAWLINGS, - Quakertown, Pa.

Always mention the Florists' Review when writing advertisers.

FINE STOCK!

CHEAP, TO MAKE ROOM. Per 100

PIERSON FERN—2½-inch.....$ 3.00
4-inch..... 10.00
5-inch..... 15.00
6-inch..... 20.00
BOSTON FERN—2½ inch..... 3.00
4-inch..... 8.00
5-inch..... 15.00
6-inch..... 18.00

Ferns are very fine and have been potted from bench.

ASPARAGUS PLUMOSUS—2½-in., $2.50 per 100; $20.00 per 1000.
ASPARAGUS SPRENGERI—2½-in., $2.00 per 100; $18.00 per 1000.
GERANIUM—Jean Viaud, 2½-in., $2.00 per 100.
COLEUS—Fine assortment in 15 varieties, 2½ in., $1.50 per 100.
ABUTILON—Fine, good sorts, 2½-in., $2.00 per 100.
REX BEGONIAS—Assorted, 2½-in., $3.00 per 100.
FLOWERING BEGONIAS—Assorted, 2½-in., $2.50 per 100.
IMPATIENS SULTANA—2½-in., $2.00 per 100.
SALVIA SPLENDENS—2½-in., $2.00 per 100.
AGERATUM—Three sorts, $2.00 per 100.
GERMAN IVY—$2.00 per 100.

THE SPRINGFIELD FLORAL CO.
SPRINGFIELD, O.

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Asparagus

Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

RUDBECKIA Per 100
Extra choice, large clumps $5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots..... 2.00
ASPARAGUS PLUMOSUS, Extra quality, 2½-in. pots..... 2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots 4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Always mention the Florists' Review when writing advertisers.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

S. A. Nutt, Mme. Landry, Alphonse Ricard, Mme. Charrotte, Mme. Canovas, Jean Viaud, Granville, (single), La Favorite, John Doyle, Double Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Glorie de France, Mme. Barney.
$2.00 per 100; $17.50 per 1000.

	Per 100	1000
Alternanthera, red and yellow, in variety	$2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum, Giant Double	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Pinus, 4-in. pots, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Plumbago, blue and white, 3 in. pots	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

We are booking orders now for Fall delivery. First-class collection. List and prices sent on application. Send for trade price list.
We have about 5000 roots that have become mixed which we are offering at $4.00 per 100; $35.00 per 1000.

CASH WITH ORDER.

R. Vincent, Jr. & Son
WHITE MARSH, MD.

Mention The Review when you write.

VIOLETS

Marie Louise field-grown	per 100,	$5.00
" " pot-grown 3 inch	"	3.00
Asparagus Plumosus, 2½-inch	"	5.00
" " 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10.00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

GERANIUMS.

S. A. Nutt and La Favorite, 2½-inch pots, $1.50 per 100. Fine stock.

BOSTON FERNS.

From bench, strong runners, $2.00; 4-inch, $8.00 5-inch, $10.00 per 100. CASH.

F. E. BONHAM, Macomb, Ill.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in., fine sorts, $2.00 100.
Springfield Floral Co., Springfield, O.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong 2-in. pot plants, postpaid, $2.00; 100 strong 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum cuneatum, 2-in. pots, ready for a shift, $3.00 100; $25.00 1000.
Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Adiantum Farleyense, 2½-in. pots, strong, $15.00 per 100; 4-in., fine plants, $35.00 per 100. J. A. Peterson, Westwood, Cincinnati, O.

Adiantum cuneatum (maidenhair fern), 4-in., bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

AGERATUMS.

Ageratums, 3 sorts, $2.00 per 100.
Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

500 extra strong sweet allyssum, $2.00 per 100. Park Side Greenhouses, 746 E. 70th St., Chicago.

Alyssum dbl. giant, rooted cuttings, 75c 100.
J. H. Rainsbury, Bernardsville, N. J.

Alyssum, giant double, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 10c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c; 5½-in., 13 to 15 in. high, 3 to 4 tiers, 60c; 5½ to 6-in., 17 to 19 in. high, 3 to 4 to 5 tiers, 75c; 6-in., 20 to 22 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each. G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 5-in. pots, 3 to 4 tiers, 50c each or $5.00 doz.
Ocean Park Floral Co., Ocean Park, Cal.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus plumosus nanus, from flats, $10.00 per 1000. From beds, ready for 3 to 4-in., $2.00 per 100; 5 to 6-in., $4.00 per 100.
J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine plants from 3-in. pots, $4.00 100. A. Sprengeri, 2¼-in. pots, $1.25 100; $12.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Field-grown Sprengeri, strong plants ready for 4-in., $5.00 100; for 3-in., $4.00. Valuable to cut from.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, fine plants from 4-inch pots, $8.00 100; seeds, 75c 100; $5.00 1000. Cash.
Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus, 2½-in., $2.50 100; $20.00 1000. A. Sprengeri, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

Asparagus Sprengeri, 2¼-in. pots, $2.50 per 100. Asparagus plumosus, 2¼-in. pots, $3.00 per 100. A. R. Knowles, Bloomington, Ill.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100. The McGregor Bros. Co., Springfield, Ohio.

A. plumosus nanus, strong 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus seedlings, strong, ready for 2-in. pots, $12.00 per 100. Prepaid.
Drake Point Greenhouses, Yalaha, Florida.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri in seedlings, 2, 3, 4 and 5-in. Write
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, 3-in., strong, $6.00 100; 4-in., bushy, $10.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Joe H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 2-in., $2.50 per 100. White's Conservatory, Sandusky, Ohio.

Asparagus plumosus and Sprengeri, 4-in., fine, 8c. Benj. Connell, West Grove, Pa.

Asparagus Sprengeri, 3-in. pots, extra fine, 3c; 4-in., 4c. Dayton Floral Co., Dayton, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, fine plants, $5.00 100.
N. H. Sherwood, Southport, Conn.

Asparagus Sprengeri, 2-in., 2c; 2½-in., 3c.
W. W. Coles, Kokomo, Ind.

Asparagus plumosus nanus, 3-in., $4.50 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, 2-in., $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, 3-in., $5.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

ASPIDISTRAS.

Aspidistras, large plants in pots, 15 to 30 leaves, 4c per leaf.
Theo. E. Edwards, Bridgeton, N. J.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

BAY TREES.

BAY TREES. Send for our new price list.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

BEGONIA GLOIRE DE LORRAINE.	Per Doz.
5-inch pots, very strong stuff	$ 6.00
6-inch pots, extra heavy plants	9.00
7-inch pots, specimens	12.00
8-inch pots, specimens	18.00

4-inch pots, only a few hundred left, $30.00 per 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, 2½-in., assorted, $3.00 100; flowering begonias, 2½-in., assorted, $2.50 100.
Springfield Floral Co., Springfield, O.

Begonias, Palmata, 4-in., $1.00 per doz. Other good varieties, 4-in., $6.00 per 100.
W. T. Stephens Co., Brookfield, Mo.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias metallica and Pres. Carnot, strong 2½ inch, $3.00 per 100.
C. M. Niuffer, Springfield, Ohio.

Begonia manicata aurea, 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

BERRIED PLANTS.

Solanum or Jerusalem cherries, full of fruit, 5½ to 6-in. pots, $2.00, $2.50 to $3.00 doz. Capsicum annuum or Xmas peppers in fruit, 5-in., $2.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

Christmas peppers, strong 4-in., ready for shift, full of flowers and berries, 75c to $1.00 per doz. Will exchange for red honeysuckles or peony roots.
W. P. Ranson, Junction City, Kan.

Dwarf Jerusalem cherries, full of fruit, 5 and 6-in. pots, $10.00 and $15.00 100. Xmas peppers, 6-in. pots, $15.00 100.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, 3-inch, 50c per doz., $3.00 per 100. Xmas (celestial) peppers, 75c per doz., $5.00 per 100.
Harmon & Henderson, Iola, Kan.

Vaughan's Christmas peppers and Jerusalem cherries; fine 4-inch pot plants, $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Jerusalem cherries, 5-inch, 50 to 100 berries to plant, $12.00 per 100. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Celestial peppers, 5-in. pots, $15.00 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

TULIPS.	Per 100	Per 1000
Artus, red	$1.25	$10.50
Belle Alliance, scarlet	2.00	17.50
Chrysolora, yellow	.90	8.00
Crimson King	1.25	10.00
Keizerskroon, red, yellow	1.25	10.50
La Reine, white, extra quality	.75	6.75
Pottebakker, scarlet	1.50	14.00
Pottebakker, yellow	1.25	11.50
Yellow Prince	1.00	9.00
Superfine single mixed	.75	6.50
Superfine dbl. mixed	.90	7.50
NARCISSUS.		
Giant Princeps	.85	7.50
Trumpet Major (single Von Sion)	1.00	9.00
Double Incomparable, yellow	.75	6.50
Alba Plena, dbl. white	.75	6.00
Von Sion, dbl., extra quality	1.40	12.50
DUTCH HYACINTHS.		
Single, sep. colors	2.75	25.00
Named, 60 varieties	4.00	37.00
CROCUS.		
Separate colors or mixed	.25	1.75
Named sorts	.40	3.50

Send for our complete bulb list.
Johnson & Stokes, 217-219 Market St., Phila.

Roman hyacinths, 12x15, $24.00 1000. Dutch hyacinths, mammoth, $65.00 1000; No. 2, $35.00 1000. Narcissus Von Sion, dbl. nose, $18.00 1000; single mammoth, $15.00 1000. Freesia refracta alba, mammoth, $7.50 1000. Write for prices on tulips, azaleas, rhododendrons, roses, spiraeas, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

LILIUM HARRISII. Semper Idem.	100	1000
5x7, 400 to case, $10.00	$2.50	$22.50
6x7, 300 to case, 9.00	3.00	27.00
7x9, 200 to case, 10.00	5.00	45.00
5x6, 500 to case, 5.00		
HYACINTHS French Roman.		
11-13 cms., white	2.25	21.00
12-15 cms., white	2.50	23.00
12-15 cms., blue or rose	2.00	18.00
17 cms. up, Dutch	3.25	30.00
15 cms. up, Dutch	2.50	24.00
Dutch miniature	2.00	18.00
NARCISSI paper white grandi.		
13 cms. up, case 1400, $12.00	1.00	8.75
Von Sion, large bulb	1.50	13.00
Von Sion, large-flowering	1.10	10.00
Mixed single and Trumpet	1.00	8.00
TULIPS. Single superfine mixed	.60	5.00
Double superfine mixed	.75	7.00
CYCLAMEN persicum giganteum, 1½-2½ in. diam., all colors, doz., $1.00	7.00	
CROCUS.		
Named sorts, large bulbs	.40	2.00
Separate colors	.25	2.00
FREESIA refracta alba, ½-¾	.35	3.00
CALLA Aethiopica.		
3-5 inch circ	2.50	20.00
4-6 inch circ	4.50	40.00
5-7 inch circ	6.00	55.00
GLADIOLI Colvillei.		
The Bride (white)	.65	6.00
Rubra (rosy red)	.65	6.00

H. H. BERGER & CO., 47 Barclay St., N. Y.

We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
F. R. Pierson Co., Tarrytown, N. Y.

Narcissus alba plena odorata, $5.00 per 1000. Narcissus poeticus, $3.50 per 1000; strong A home-grown stock. A sure money maker for Memorial day; plant now. Write for prices on large lots.
H. A. Jahn, New Bedford, Mass.

MAMMOTH FREESIAS, choice French stock, $6.00 per 1000. They are a real bargain at this price.
CALLAS, select, round, plump bulbs, 2½-in. in cir., $5.50 per 100; $50.00 per 1000.
Henry F. Michell Co., 1018 Market St., Phila.

Lilium Harrisii, 5x7 in., $3.60 100; 7x9 in., $8.00 100. Hyacinths, Roman white, 12 to 15 cms., $24.00 1000; single Dutch, $20.00 1000. Narcissus Von Sion, $12.00 1000.
Storrs & Harrison Co., Painesville, Ohio.

Tuberous begonias. Our Gold Medal strain. Ready for shipment about Nov. 25. Write for prices and circular.
N. Le Page, U. S. representative of Hubert & Co., Guernsey, England, Mt. Vernon, N. Y.

White Romans, 12 to 15 cms., $2.75 100; $24.00 1000; case 2000, $47.00. 13 to 15 cms., $3.25 100; $28.00 1000; case 1800, $49.00.
Arthur T. Boddington, 342 W. 14th St., N. Y.

Last consignment from Japan of Lilium longiflorum multiflorum. Well ripened bulbs, 7 to 9 inches, $4.50 100; $40.00 1000.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Dutch and Roman hyacinths, tulips, narcissi, callas, freesia, Harrisii and longiflorum lilies. Write for prices.
W. C. Beckert, Allegheny, Pa.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Freesia refracta alba, ⅝-in. diameter, $2.00 1000; ½-in., $4.00 1000.
C. H. Joosten, 201 West St., New York.

CALLICARPA.

Callicarpa purpurea, plants all sizes, from $6.00 100 to $20.00 100. Also seeds, 75c per pound. C. Adams, Helena, Ark.

CANNAS.

Cannas. New variety, King of Bronzes, largest leaf grown. Write for prices.
C. M. Hemala, Buckley, Ill.

CARNATIONS.

UNROOTED CUTTINGS, $10.00 per 1000: Mrs. Thos. Lawson, Fair Maid, The Queen, Boston Market. ROOTED CUTTINGS of the above varieties at $20.00 per 1000. 250 at 1000 rate.
ROOTED CUTTINGS ONLY: Mrs. M. A. Patten and Flamingo, $6.00 per 100; Crusader, $5.00 per 100. December and January delivery. Advance orders secure prompt delivery. Cash, please.
Information about these varieties will be given on request. Stephen Chase, Nashua, N. H.

I have left about 4000 Estelle and 200 Prosperity at 5c each.
D. R. Herron, Olean, N. Y.

Rooted carnation cuttings. Now ready.

White	100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.
California Carnation Co., Loomis, Cal.

FIELD-GROWN CARNATIONS.
Strong, healthy plants, free from disease.

White	100	1000
White Cloud	$4.50	$40.00
Norway	5.00	45.00
Her Majesty	6.00	50.00
Queen Louise	5.00	40.00
Pink.		
Mrs. Lawson	6.00	55.00
Cressbrook	4.50	40.00
Guardian Angel (Sport)	4.50	40.00
Light pink.		
Enchantress	8.00	75.00
Mrs. Higinbotham	4.50	40.00
Morning Glory	5.00	45.00
Red.		
Mrs. Potter Palmer	5.00	45.00
America	4.00	35.00
Estelle	6.00	00.00
Harlowarden	4.50	40.00
Chicago	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Q. Louise	3.50	30
Mrs. Ine	3.50	30	Harlowarden	4.50	40
F. Hill	3.50	30	Peru	3.50	30

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

10,000 healthy, field-grown carnation plants. Per 100:

Wolcott	$5.00	Marquis	$4.00
Estelle	5.00	Lorna	4.00
Alba	5.00	Glacier	4.00
Lawson	5.00	Mermaid	4.00
Q. Louise	4.00	America	4.00
Manley	4.00	Joost	4.00
Lord	4.00	Gomez	4.00

Cheap for cash.
Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Fair Maid	6.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Variegated.		Cash, please, or reference.	
Bradt	6.00		
Prosperity	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	W. Cloud	$5.00	
Prosperity	5.00	45	M. Wood	4.50	$40
Palmer	5.00	45	Higinbotham	4.50	40
F. Hill	4.50		Lawson	6.00	
Joost	4.50	40			

Poehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnations. The finest you ever saw. Plant them now while they last. Will clean up at $4.00 per 100, $35.00 per 1000.

Apollo, red	Frances Joost
Murphy's White	Flora Hill
Lillian Pond	Mrs. Potter Palmer
Queen Louise	Glacier
Morning Glory	America

Evenden Bros., Williamsport, Pa.

12,000 nice, healthy, field-grown carnation plants. Pink—Happy Day, Frances Joost, Ethel Crocker and Triumph. White—Cloveenna, at $4.00 per 100.
Albert Hake, Manchester, Pa.

150,000 field-grown carnations.

Q. Louise, white	6c	Wm. Scott	5c
Enchantress, lt. pk.	10c	Floriana, pink	5c
Chicago, red	6c	Crocker, pink	5c
Mrs. Nelson, pink	6c	Eldorado, yellow	5c
F. Hill	6c	Oriole, scarlet	5c
Lorna	6c	Mermaid, pink	5c
H. Fenn	6c	Dorothy, pink	5c

J. L. Dillon, Bloomsburg, Pa.

Carnations, field-grown, fine healthy stock, no stem-rot. Lawson, W. Cloud, Nelson, Prosperity, Glacier, Norway, Adonis, Fair Maid, Floriana, Dorothy, Elma, Gaiety, Bradt, Manley, H. Fenn, McKinley, B. Market, Wolcott, $5.00 100; $45.00 1000. Crane, Gomez, Maceo, $4.50 100; $40.00 1000. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

50,000 extra fine, clean, field-grown carnation plants. While they last they will be shipped at the following low prices:

	100	1000		100	1000
Lawson	$4	$35.00	G. Angel	$3	$25.00
Higinbotham	4	35.00	Hill	3	25.00
Q. Louise	4	35.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnations on credit. Cash or bank note with two good references. 1st size, Hill, Joost, Daybreak, $4.00 per 100. Medium size, Lawson, America, Prosperity, Hill, Joost, Queen Louise, Norway, Lord, Marquis, Crane, Crocker, Morning Glory, $2.50 per 100.
A. A. Gannett, Geneva, N. Y.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
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Shasta daisies. True stock of same, grown from divisions and cuttings of selected stock, just the thing to follow chrysanthemums. Extra strong plants, $6.00 per 100, $50.00 per 1000. Second size, $1.00 per doz.; $3.00 per 100; $20.00 per 1000.
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Pyrethrum hybridum grandiflorum, from seed saved from Kelway's named collection, strong clumps undivided, $8.00 per 100.
Delphinium chinensis, sky blue, one-year-old clumps, $5.00 per 100.
I warrant satisfaction as to stock and safe packing or money refunded.
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	Per 10	Per 100
Crataegus aprica, 2 to 3 ft.	$1.25	$10
Crataegus Arnoldiana, 2 to 3 ft.	1.25	10
Crataegus Carrieri, 2 to 3 ft.	1.25	10
Crataegus coccinea, 3 to 4 ft.	1.25	10
Crataegus Crus-galli, cut back, 2 to 3 ft.	1.25	10
Crataegus Crus-galli, cut back, 1 to 2 ft.	1.00	8
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Strong, stocky plants from outdoor beds.

7 to 12 crowns,	$12.00 per 100
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KENTIA BELMOREANA.

Pot.	Leaves.	High.	12	100
3-in.	4 to 5	12 to 15 inches	$2.00	$15.00
4-in.	5 to 6	15 to 18 inches	4.50	35.00
5-in.	6 to 7	18 to 20 inches	6.00	50.00
5-in.	6 to 7	20 inches	9.00	70.00
			Each.	12
6-in	6	20 to 24 inches	$1.00	$12.00
6-in.	6 to 7	28 to 30 inches	1.25	15.00
6-in.	6 to 7	30 to 36 inches	1.50	18.00
8-in.	6 to 7	34 to 36 inches	2.50	30.00

KENTIA FORSTERIANA.

Pot.	Leaves.	High	Each.	12
6-in	5 to 6	28 to 30 inches	$1.00	$12.00
6-in	6	30 to 32 inches	1.25	15.00
6-in.	6	32 to 36 inches	1.50	18.00

MADE-UP PLANTS.

Pot.	No. in Pot.	High.	Each.
7-in.	4 plants	32 inches	$2.00
8-in.	4 plants	42 inches	3.00
10-in.	4 plants	48 to 54 inches	5.00
10-in.	4 plants	60 inches	6.50

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Kentia Forsteriana, 3-in. pots, 3 plants in pot, 16 to 18 in. high, 8 to 10 leaves, 15c each by the doz.; $12.00 100; $10.00 per 100 in 500 lots; 4-in., 20c. Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 30 to 40 in. high, 75c to $1.00 each. 4-yr.-old Forsteriana, made up plants, 7-in. pots, 40 to 48 in. high with 6 smaller around, about 18 to 20 in. high, $1.50 each. Areca lutescens, 5-in. pots, 3 in pot, 30c; 5½-in., 50c; 6-in., 30 in. high, 3 in pot, 75c. Latania borbonica, 6-in., 50c. G. Aschmann, 1012 Ontario St., Phila.

Small palms for center plants for dishes, 2½-in. pots, 6 to 8 in. high. Areca lutescens, $6.00 100. Kentia Belmoreana, $8.00 100. Latania borbonica, 24-in., 5 to 7 leaves, 7-in. pot, $1.00 each; 28-in., 6 to 8 leaves, 8-in. pot, $1.50 each; 28 to 30-in., 7 to 9 leaves, 10-in. pot, $2.50 each.
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Pandanus Veitchii, 12 inches high, 75c each; 18 to 20 inches high, 90c each; 24 inches high, $1.25 each; 25 to 28 inches high, $2.00 each.
All of this stock are finely colored and shapely plants.
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Fine, stocky, field-grown seed-bed plants sowed thinly, all varieties mixed, $3.00 per 1000; 500, $1.75; 250, $1.00. Cash with order. Pansies a specialty for 30 years.
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Strong plants, Satisfaction guaranteed.
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Choice plants, well branched and stocky.

		100	1000
3 year, 3 to 4	feet	$3.00	$28.00
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100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
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California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
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2 to 2½ feet.....$18.00 per 1000
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California privet, 1, 2 and 3-year plants, fine and bushy, $10.00, $25.00 and $30.00 1000.
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Roses, fine 2-yr., field-grown Gen. Jacq. and other best H. P.'s. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX, 20c.
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Ficus elastica, 4-in. pots, 25c; 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
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Ficus elastica, 24 inches high, 40c each.
National Plant Co., Dayton, O.

Ficus, 6-in., $40.00 100; 4-in., $22.50.
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Salvia splendens, fine lot of rooted cuttings, $1.00 per 100 by mail.
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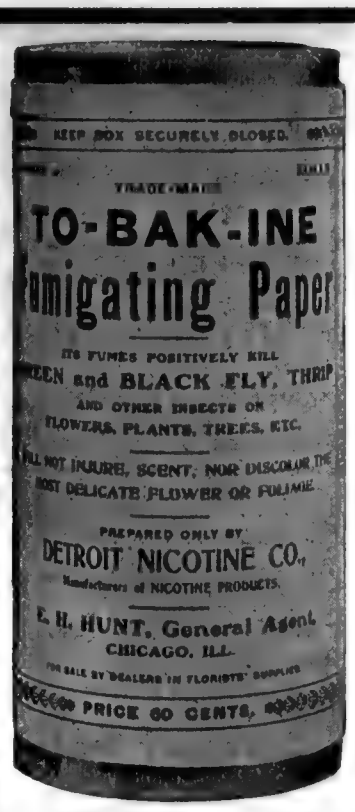
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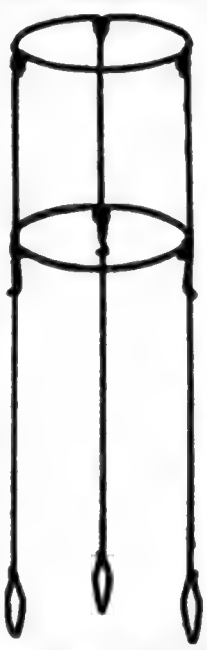
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If it is desirable to place heat under the short bench at the east end of the house and between the entrance and the door to the boiler shed it can be provided by a short three-pipe coil taken from the riser carried to the east end of the house, or it might be heated by an independent riser taken directly from the boiler.

Another plan of piping might be provided. The riser from the boiler might, if it is desirable to have all the heat under the benches, be taken from the boiler through the wall and under the north bench to the west end, across the west end and along the south side and to the doorway on the east end and there divide into three 2-inch returns to return under the benches by the same course. This will provide a little more radiation than the first mentioned plan and would enable the house to be held at from 65 to 70 degrees in cold weather. L. C. C.

Cleveland, O.—J. M. Gasser is at French Lick, Ind., taking the treatment at the springs.

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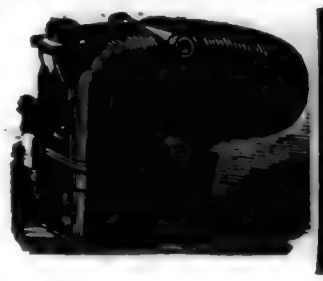
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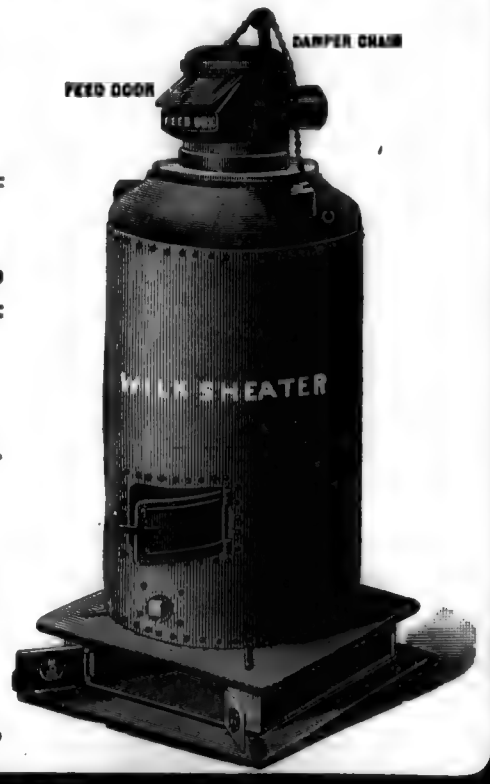
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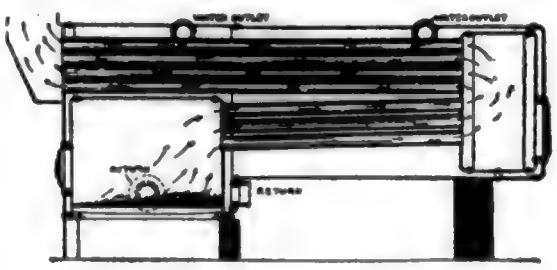
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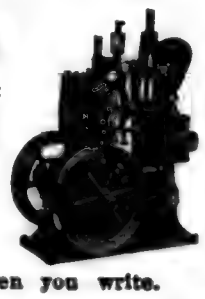
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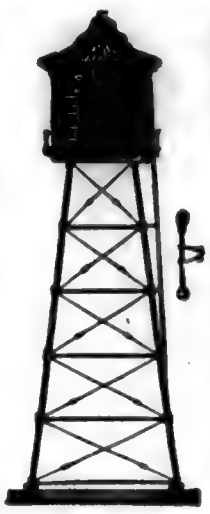
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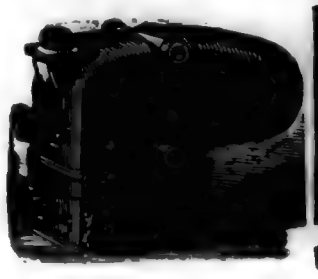
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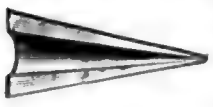
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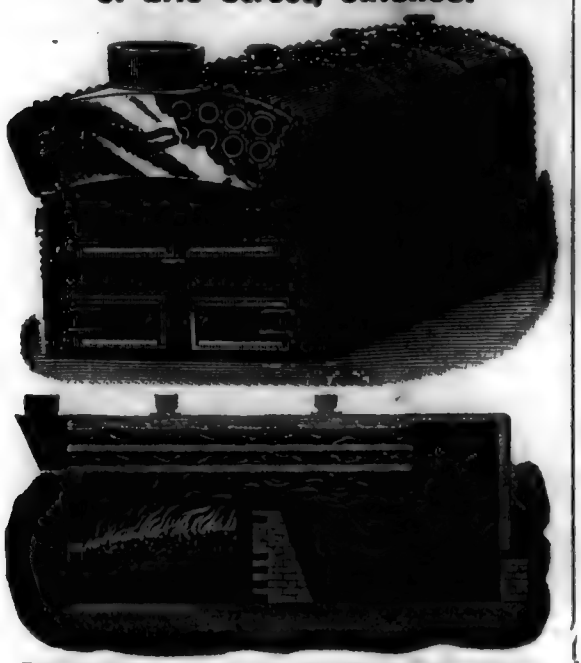
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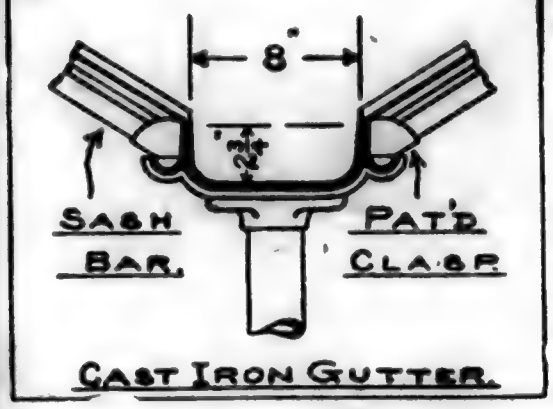
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FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, NOVEMBER 3, 1904. No. 362.

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Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
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All at 50c each, $5.00 per dozen; $35.00 per 100, for Early Delivery in 1905.

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5-7 inch, 100, $2 50	case of 400, $10.00	1,000, $22.50
6-7 " " 3 00	" 800, 9.00	" 27.00

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		100	1000
French Roman.	White, 11-13	$2 25	$21.00
" "	" 12-15	2.50	23 00
" "	Blue or Rose, 12-15.	2 00	18.00
Dutch Miniature, in following sorts: C. Dickens, Gigantea, Rose, Norma, Gertrude, Czar Peter, Grand Maitre, Grand Lilas, King of the Blues, Grandeur a Merveille		$2.00	$18.00

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	100	1000
Single, finest sort, mixed	$ .65	$ 6.00
Double " "	.65	6.00

Cyclamen Persicum Giganteum.

	Doz.	100
Bulbs 1½-2½ inch diameter, all colors	$1 00	$7 00

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	100	1000
Large, plump bulbs, ⅛-¾	$0.35	$3.00

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	100	1000
3-5 inch circumference	$2 50	$20.00
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The Bride (white)	$0.65	$6 00
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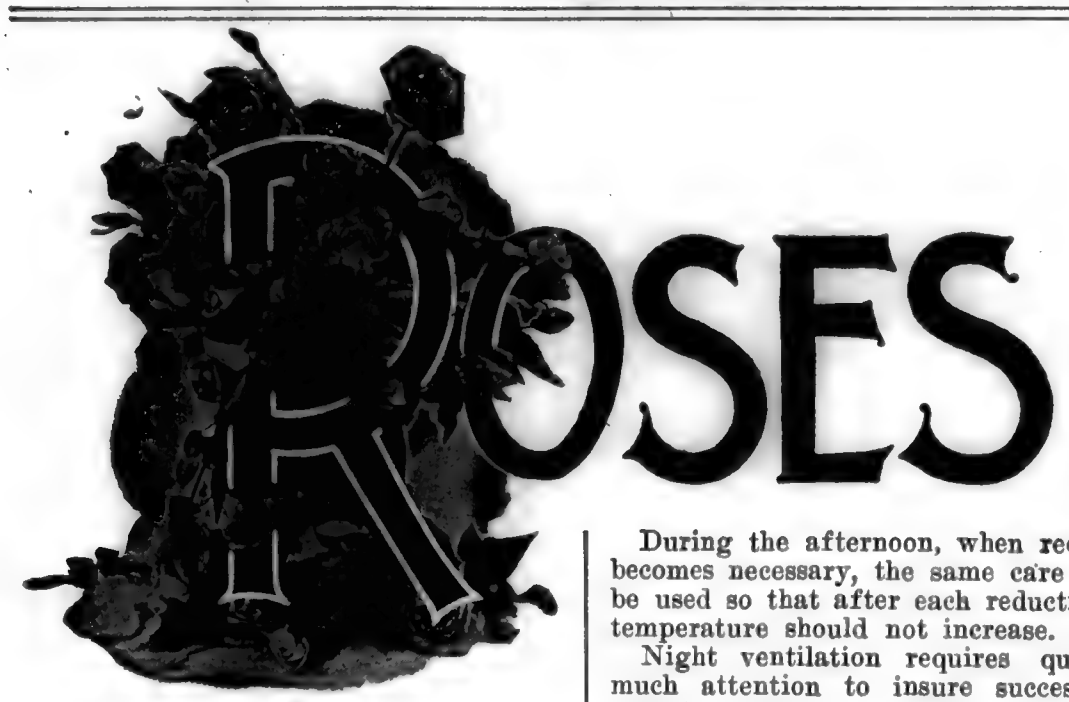
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76-78 Wabash Ave., CHICAGO.
Write for our new catalogue F, our prices may interest you.



VENTILATION.

The excellent weather we are having should be taken full advantage of to get our stock into good winter condition. There is now every opportunity to give ample ventilation, both night and day, and no chance should be missed, as the season is not far off when these opportunities will be few and far between.

The rose, as we know it, being neither a tropical nor a greenhouse plant, but strictly a native of temperate climes, is only introduced into our houses with a view to prolonging and changing its season of blooming, and requires, as near as we can possibly make it, the conditions and temperature prevailing in its native habitat when nature is in its most pleasant mood. We should bear in mind that by confining our rose plants to the house we are depriving them of the free, fresh air which they enjoy in a state of nature, and if we neglect to provide for them they must suffer and die.

An insufficiency of air supply will soon cause even the most robust plants to lose their vitality, a fact which will soon be evidenced by the poor quality of foliage produced. This soon becomes thin and flabby, with a sickly green color, and becomes susceptible to all kinds of diseases and trouble. Being lacking in vitality, the stock is unable to make any headway against it.

To enable us to supply our stock with fresh air in suitable quantities and to create a free circulation we provide our houses with ventilators of the most approved patterns, yet many of the less experienced growers use these only to let the superfluous heat of the sun escape. A little consideration, study and practice will, in most cases, convince these growers that it is more profitable to ventilate freely, even at the expense of a larger coal bill, and not allow the ventilators to remain closed one minute longer than necessary.

The true art of ventilation, as practiced by our expert growers, consists of gradually raising or lowering the ventilators as exigencies demand, without raising or lowering the temperature. Thus, if the thermometer shows a temperature of 62 degrees at 7 a. m., with a tendency to rise, the sash should be raised just so far as to allow the temperature to remain at that figure, without falling below it. As the temperature still continues to rise, the ventilators should be raised accordingly, but never so much at a time as to lower the temperature.

During the afternoon, when reduction becomes necessary, the same care should be used so that after each reduction the temperature should not increase.

Night ventilation requires quite as much attention to insure success and should be given freely when the weather is mild, and even during very cold weather a small crack of air is essential to keep up a good circulation.

By strictly adhering to this practice we secure a better class of foliage, foliage which is almost immune from the ravages of mildew, a better stem and blooms of superior size, shape, color and quality, with a smaller per centage of malformed buds. The keeping qualities of the flowers will also be considerably enhanced. The vigor and vitality imparted to the plant, enabling it to withstand disease, will repay the extra cost of fuel required.

RIBES.

POOR SOIL TO BLAME.

I have sent you a sample rose bush and soil which I would be pleased to have you examine. The cutting was propagated in January, when ready potted in a 2½-inch pot, and so on. On August 30 it was planted in a side bed in the rose house, in one half of which is planted Perle and the other half Bride and Bridesmaid. The Perles are fine but many of the latter are no good at all. Please give me your opinion of the cause of the trouble. A. B.

The specimen rose sent is about the poorest I have ever had to pass an opinion on and I would not expect much better from the class of soil in which it was grown.

It is against the best cultural methods to put rooted cuttings into 2½-inch pots for a first potting, 2-inch pots being large enough, even for Beauty cuttings, if they are potted as they should be, before the roots become too large.

Deferring the planting till August 30 is not giving even a robust plant any kind of a show, the very best of the growing season being practically over by that time. The old and well defined limit of July 4 usually sees the finish of rose planting.

The soil is of a very poor character and not at all suitable for rose culture, there being really nothing in it to sustain the plant with the exception of the small nodules of clay interspersed through it and to which the roots have clung as their only protection against final extinction.

If the rest of the roses are like the sample there is certainly no hope of ever getting returns from them. I may also point out that the foliage bears unmistakable evidence of neglected ventilation. A careful study of this art will repay the grower.

Perles will stand more abuse in the matter of ventilation, poor soil and neglect, than will Brides and Maids and will look a little better under similar conditions. Try a night temperature of 56 degrees, with a good crack of air on and allow the day temperature to rise as high as 70 degrees during bright sunshine and ventilate freely. Do not allow the plants to suffer from want of water, as this sample has evidently done, and do not attempt to feed until the plants have attained a vigorous growth.

RIBES.



CARNATION NOTES.—EAST.

Mulching.

As stated last week, in notes on the advisability of mulching, the procedure with stock grown under glass all summer will not be the same as with that grown in the field, lifted and benched. It stands to reason that bench soil in which stock has been growing all summer is not in the same mechanical condition as fresh soil, into which nearly or quite mature plants have recently been put. The repeated and at times heavy watering necessary during the hot weather, together with the spread of root system, will have done much to change this condition.

It will be noticed, when supplying water, how quickly it disappears, particularly when the surface soil has not recently been broken up. This indicates that the root system has spread to such extent as to honeycomb the soil, so to speak, allowing water when applied to take a more direct downward course. This is the natural result of healthy gowth, but the quantity and depth of soil in the bench being limited, this extension of root system cannot go on always without assistance. To be sure, it is not according to the best methods of culture that it should continue as in the summer, still there must be some growth of roots.

Feeding with liquid manure will not accomplish the desired result, besides it is too early yet to feed. While a top dressing might be a help, the exact object sought would not be attained. A mulch, however, will serve a double purpose: Add fertility to the bench soil and encourage further growth of roots.

It is quite probable that these indoor plants are now giving a supply of bloom so the careful removal of some of the surface soil, when on the dry side, will result in no harm but will

allow for the application of a heavier mulch. Particular conditions, however, may favor two light mulches rather than one heavy one.

In any case use fresh soil and fairly well rotted manure, with a sprinkling of air-slaked lime, Follow the removal of bench soil immediately with the application of the mulch, watering at once if weather and time of day will permit. Geo. S. Osborn.

CARNATION NOTES.—WEST.

Insects and Feeding.

Now that you have commenced firing you will have to be even more watchful than you have been during the last two or three months. There are more dangers lurking, ready to attack the plants, than before. The one pest which firing seems to favor more than any other is red spider. In the out-of-way corners, where the steam pipes run close to the plants, they will breed and multiply by the million and unless you are constantly looking for them and fighting them they will soon spread over a whole bed or house. A plant that is badly infested with red spider is in poor shape to go through a hard winter and come out in good condition. To have your plants in perfect health at this date is the main thing, much more essential than to be cutting lots of blooms this early. There is a long season ahead for cutting blooms, but the good weather for building up a strong, healthy plant is nearly over now. What you have failed to do along that line up to now cannot be made up. Your winter's crop is either made or ruined by this time, as far as the strength and health of the plants can affect it.

Green fly seem to flourish, too, after firing commences, and regular fumigating is necessary to keep them down. Best of all, do not allow them to appear at all. Thrips, too, will show in white spots on the pink and red varieties. Lawson is one of their favorite varieties. Spray about once each week in the morning of a bright day with Tobak-ine liquid to keep these two pests in subjection, especially the latter.

Examine the soil each morning to find the dry places. You will find, along the south edges and where the steam pipes are close, much more water is needed than in the middle or on the north sides of the beds. If your beds are raised, and especially if there be heating pipes underneath, you should dig down to the bottom occasionally and examine the soil clear to the bottom. If you water properly, it will not dry out at the bottom without being dry at the surface. Water only the dry spots until the whole bed is dry enough to take a thorough soaking, and then wet it clear through. If you have mulched the beds you will have to be all the more careful in examining, as you can tell nothing about the soil by the appearance of the manure.

There are a few varieties which we rather not mulch at this season of the year, because it retards evaporation too much. Such varieties as Flora Hill, Innocence and a few others which are troubled more or less in winter with bacteria, seem to do better without mulching. They like to run on the dry side a good deal. Keep the liquid food away from them, too, until toward spring. In fact, don't be in a hurry about the feeding, anyway. If your soil was good the plants will have plenty of nourishment to draw from except perhaps for a little wood-ashes to stiffen the stems or a little lime to sweeten the soil.

Soil for Next Season.

If it is possible to do so, it will pay you to select your soil for next season before the fall rains set in. It need not necessarily be a plot of sod, but it should be good, strong soil, which lies rather high. Soil from a piece of land that lies high will not sour so quickly as that from low land. Plow it deeply and let it lie as rough as possible. Spread over it a good coat of manure toward spring, after it has frozen thoroughly, and plow again as early as possible in the spring. If the soil is of a heavy nature, use stable straw manure, but if it is rather light, you would better use cow manure. If you cannot follow this method, you will do well to have the soil hauled to your place this fall and put in a pile, not too high to prevent the frost from penetrating through it. In the spring you can turn it again and pile it up a little more, if you like, and by midsummer you will have good soil to plant in. A. F. J. Baur.



Pleasing Effects with Every-day Material.

VARIETIES TO GROW.

I wish to buy some field-grown carnation plants, deep red, pink and white, also variegated. I want fairly prolific varieties. Will you please advise me what will be best in Georgia? T. W.

If you are a beginner I would advise you to get a good assortment of varieties to begin with. One or two varieties in each color is all right for a man who knows the varieties, knows just how to handle them, and knows just what his market demands. You are in a much warmer climate, too, than ours, and varieties which are best here may not do at all in your locality. Warm-blooded varieties ought to prove best for you, but you will have to experiment and find out for yourself. Try Crane, America and Estelle for red; Mrs. Lawson, Ethel Crocker and Floriana for pink; Flora Hill, Queen Louise and Gov. Wolcott for white. Prosperity might come white for you most of the season. Viola Allen, Marshall Field and Mrs. Bradt are all good striped ones. I might add Enchantress to the pink class. I did not include any of last spring's novelties, as most of them are strangers to me except what I have been able to see of them thus far this season. Although most of them look very promising, yet we can say but little until later in the season.

A. F. J. Baur.

CARNATION SOCIETY PREMIUMS

The preliminary program and premium list for the fourteenth annual meeting of the American Carnation Society, at Chicago, January 28 and 29, has been issued. Essays already arranged for are by Prof. Hasselbring, George Wienhoeber, Fred Lemon and C. L. Washburn.

The premium list is much as in other years. Class A, open to all, offers premiums for 100 blooms of $10 and $6. Class C is open to all varieties disseminated prior to July 1, 1903, fifty blooms, premiums $5 and $3. Class D is open to all varieties disseminated prior to July 1, 1902, twenty-five

blooms, $3 and $1.50. In each class the color divisions are white, daybreak pink, Lawson pink, Scott pink; scarlet, crimson, yellow variegated, white variegated; "any other color."

Special prizes are offered for fifty blooms Wm. Scott, for best fifty blooms in the hall, for best 100 Adonis, for Gov. Lowndes, Genevieve Lord and Norway, and for fifty blooms Crusader. There is a sweepstakes for the best vase in the class for 100 and also for the best vase of fifty.

The Lawson medals will be given, as usual, the gold medal for the best 100 any color, the silver medal for the second best, and the bronze medal for the third best. The S. A. F. silver medal will be awarded to the best vase of fifty blooms of an undisseminated variety, the bronze medal for the second best.

ORIENTAL POPPY.

How and when should plants be taken from the oriental poppy? I. E. B.

The oriental poppy may be divided in fall or spring, but as it is late now I would advise waiting until early spring. This poppy is also easily raised from seed sown in small pots in spring, so that when planted the roots will not be disturbed more than is absolutely necessary, as all poppies are difficult to transplant.

W. S.

CUT WORMS.

Can any reader of the REVIEW give a good method of catching cut worms in greenhouse benches besides hand picking? I have tried several ways to poison them, to no avail, and have to hunt for them after dark at night, sitting up after usual hours for bed, waiting for them to come out of their hiding places. Of course I understand that they bury themselves just under the soil in the daytime, and have gone over the benches very carefully and concluded that we had caught them all, but when evening came there seemed to be as many as ever. We get rid of them after a while, but you can't get them all in one night and they soon do lots of damage to carnation and chrysanthemum buds. S. F. P.

The only effective way of disposing of cut worms of which we know is hand picking. It has always been effective in our experience, although, like every other detail of successful cut flower growing, it takes time, which some growers would rather give to billiards. B. B.



Pleasing Effects with Every-day Material.

THE RETAIL FLORIST.....

CHRYSANTHEMUM STUDIES.

Tasteful Effect With Ordinary Material.

To use ordinary, every-day material with the aid of a good setting is the thought of to-day's study. No attempt is made here to exhibit fine, large flowers, but we have tried to show how commonplace material may be carefully and effectively put together. This is even more important than if the flowers were magnificent from the standpoint of quality and quantity—and, by the way, the smaller arrangements are much more easily adapted to some definite form than is a great bunch or vase of American Beauties or huge chrysanthemums. To be able to display extra fine stock when occasion requires is one and the same thing as to be able to arrange a handful of flowers attractively in a tiny vase.

The feature, then, of these arrangements is the employment of native flowers and foliage with the chrysanthemums. It is nonsense that it injures the sale of greenhouse stock to advocate the use of outdoor summer stock or autumn foliage. Of course, any one who cannot look six months ahead is apt to settle on this conclusion. But when one stops to think that the use of such material creates a need that must be supplied later on from greenhouse stock, when the time comes that the woods and fields cannot furnish the flowers, it is a long-sighted policy to advise the use of such material and spend some time in planning and decorating with it. Besides, it fills a want that cannot be supplied, either in variety or quantity, from a greenhouse.

A common fault with florists, especially those who are also growers, is to exhibit fine stock indifferently as to arrangement, thereby doing no credit to it as such. The only way to have the knack of arrangement at your fingers' ends, when auspicious occasions demand it, is to cultivate the habit of considering the best setting and arrangement for every half-dozen flowers that are ever put together. In short, think.

One of the greatest differences between these two vases is in the coloring, which of course is not apparent in the illustrations. The brown stone jar is the receptacle used in both. In the first illustration yellow and white chrysanthemums, the white being much in excess, are used. A spray of bittersweet, three or four stalks of milkweed pods, with their shell-like hulls of gray and yellowish cream bursting into silken clouds of brown and white parachutes, against a spray of yellowed chestnut leaves, complete the study.

The next is a picture in white and gray and crimson. The same creamy white chrysanthemums, without the yellow, are used, with spikes of wild sage, a few bunches of a berry resembling blackhaw, with crimson oak leaves. The last element of coloring is what saves this color scheme from a cold effect, the gray and white with the black not

having rich enough warm effect for autumn. The first study is more suitable for a table centerpiece than the second. The latter however could be used if shortened. It might be well to add a setting of oak leaves under the dish in accord with the coloring of the second vase. Care is used in these studies to keep the proportion of colors quite unequal, the white predominating in both, and the other colors being introduced in various small unequal quantities.

GERTRUDE BLAIR.

WORLD'S FAIR FLOWER SHOW.

Every indication points to the greatest flower show ever held in this country at the St. Louis World's Fair next week. The executive committee is more than pleased with the interest manifested on all sides and at the whole-hearted way in which the trade at large is responding to the invitation to participate in this great exhibition. The St. Louis contingent is doing its full share and all arrangements are complete for staging the exhibition and caring for everybody who may have any interests there. Arrangements have been perfected for the transportation of exhibits arriving at St. Louis so that there shall be no delay and all details of advertising and handling the admissions have been perfected.

The requests for special tags and labels of the Department of Horticulture have come from all sections of the country and assure a wealth of exhibits which will tax the ingenuity of the manager in their proper arrangement. It looks as though the show will be considerably larger than any ever held in point of extent of exhibits.

At a meeting of the executive committee of the World's Fair Flower Show Association last week the matter of caring for trade visitors at the show was very fully discussed. It was decided that a section of the conservatory near the office be set apart for desks and a register. It was requested that the trade papers invite all trade visitors at the Fair to arrange their sightseeing so as to be present at the office in the conservatory each forenoon and afternoon to meet each other. The meeting hour for the morning was set at 10 o'clock and for the afternoon 4:30. It is believed that by giving these arrangements wide publicity all florists, seedsmen and nurserymen attending the show and desiring to meet others whom they know to be present can very conveniently arrange appointments at these hours and no one need be lost on the grounds for any length of time.

There was another meeting of the executive committee at Chicago Monday afternoon, at which action was taken on all final details save those which must be reserved for action at a meeting to be held in St. Louis next Saturday.

It was voted to amend the premium list so that seedlings might be admitted to compete in the classes for 100 cut chrysanthemum blooms, white, yellow and pink, the premiums for each color being $75, $50 and $25. These are classes 23, 24 and 25 in the list.

A class was added for floral arrangements, fifty blooms chrysanthemums, one vase, not less than ten varieties, $40, $25 and $15.

An additional class has been provided in the premium list for 100 Mme. Chatenay roses, $40, $30 and $20.

At the last Chicago meeting of the executive committee Chief Taylor telephoned from St. Louis advising that one of the regular World's Fair bands of music would be available for the show, that President Francis would open the exhibition at 2:30 p. m., Monday, November 7, the show to continue open day and evening as arranged; that the expediting of express and freight matter inside the grounds had been arranged by the teams belonging to the Horticultural Department. The publicity department has posted liberal signs on various buildings of the Fair and the coming show is much talked about. Mr. Taylor stated he was extending a general invitation to florists, nurserymen and all horticulturists at the Fair and those visiting the show to be present at the horticultural meeting to be held in the Hall of Agriculture, Agricultural Building, World's Fair, Thursday afternoon at 3:00 o'clock of the week of the show. Prof. William Trelease will likely preside.

Souvenir postal cards have been ordered for immediate sale, open to order from the trade and for sale during the show with the posters.

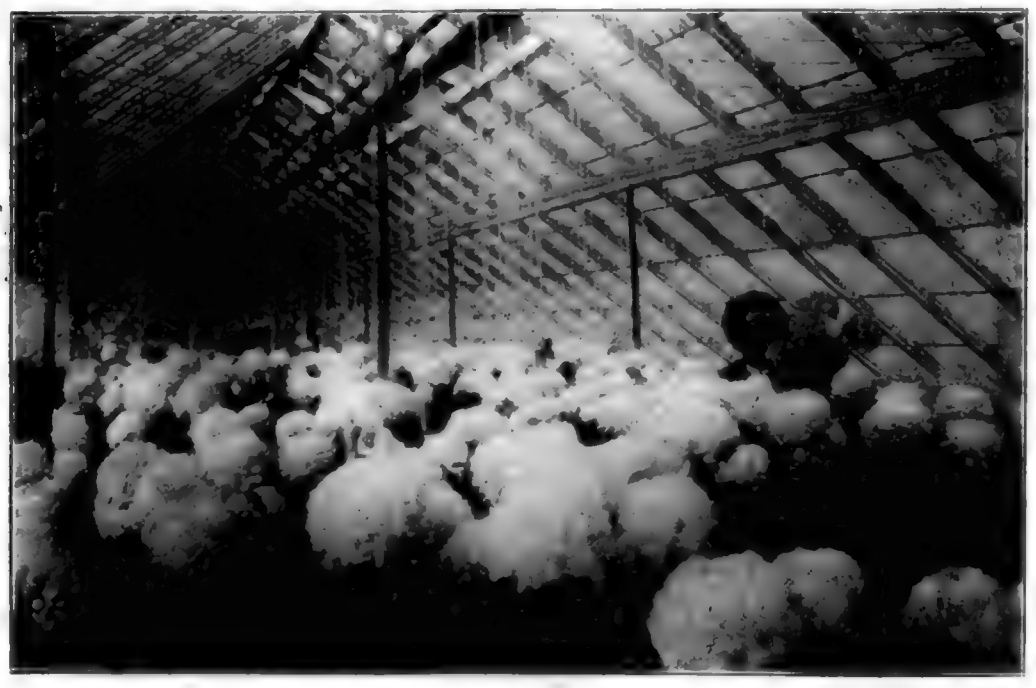
Manager Hauswirth has gone to St. Louis to make his office in the Horticulture building until after the show.

The program of the show is to be printed with advertising in two colors, the first edition 20,000 copies, the cover a reproduction of the poster.

Special Notice.

All trade visitors are requested to identify themselves and register for the courtesies of the association.

Exhibitors and guarantors will find their passes at Room E, of Chief Taylor's office, in the south end of the Agricultural building.



Ivory Chrysanthemums Grown by Livingston Seed Co., Columbus, Ohio.

MADISON, N. J.

The ninth annual show of the Morris County Horticultural Society was held on October 27 and 28, and was, as usual, distinguished by the high average quality of the exhibits staged, the old champions, Messrs. Duckham and Herrington, being this year re-enforced by some new blood, notably Messrs. Fraser, Herremans and Thomas.

The chief attractions were the chrysanthemums and there was hardly a poor flower in the entire exhibition. In the premier prize for thirty-six flowers in six varieties, long stem, the old rivals, Messrs. Duckham and Herrington, fought it out as usual, with the award in favor of Mr. Duckham, who set up Maynell, Nellie Pockett, F. S. Vallis, Ben Wells, Donald McLeod and W. H. Etherington. Mr. Herrington's flowers, which were also of superb quality, were Cheltoni, Ben Wells, W. Duckham, F. S. Vallis, H. J. Jones and Jennie Falconer.

In the class for eighteen flowers in three varieties Mr. Herrington was first. His vases were Appleton, W. Duckham and Cheltoni. For twelve flowers in four varieties Peter Duff was first, R. Vince second. For ten white, A. Herrington was first, with Mrs. Neville, also for ten yellow, with Cheltoni.

For twelve flowers in twelve varieties, 12-inch stems, set up in small vases, James Fraser was first. He also won the special prize for ten pink, with ten magnificent flowers of Wm. Duckham. For six flowers in six varieties, first was won by Peter Duff, with James Fraser second. F. S. Vallis, Mrs. E. Thirkell, Merza and Nellie Pockett showed up very finely in this class.

For six flowers, any variety, first was won by R. Vince, with a splendid vase of Lady Hopetoun, James Fraser being second.

For ten flowers in five varieties, first was won by W. H. Thomas, with Mr. Fraser second. On six pink conditions were reversed, with Mr. Fraser first, with splendid W. Duckham, Mr. Thomas being second.

For six white, Mr. Herremans was first, with Weeks as finely finished as we ever saw this variety, O. H. Kock being second. In six yellow, Mr. Herremans was again first, with Mrs. Thirkell, James Fraser second. The latter gentleman was easily first for six any color, with very fine F. A. Cobbold.

For six flowers, 1903 introductions, Mr. Herrington was first, also for six flowers of current year's introduction; his varieties being Maynell, W. Duckham, Ben Wells, F. A. Cobbold, Harrison Dick and Mary Inglis. In the class for 1903 introductions, Mr. Thomas showed the largest flower in the show, F. S. Vallis, a monster, indeed.

In the pompon classes John N. May was first and Geo. Bird second, and for the vase of flowers arranged for effect Mr. Fraser scored an easy first.

The rose classes were not so well filled as usual, most of the growers claiming that it was too early in the season for them. Though the quality of those exhibited was very fine, the number of exhibitors in these classes was a disgrace when one considers the number of rose growers in this section. L. A. Noe was the principal winner, taking first for eighteen Beauties and twelve Beauties, Mr. Hentz being second in the latter class. He also won for twenty-five Brides and twenty-five Maids, L. B. Coddington coming second in each class. F. L. Moore won for twelve Maids, with L. A. Noe second. L. M. Noe was first for twelve Bride, with L. A. Noe second.

In carnations the special prize of R. and J. Farquhar for twenty-five flowers was won by W. Duckham, with Prosperity, R. Vince second, with Enchantress. In three varieties, twelve flowers of each, Mr. Herremans was first, with James Fraser second. Several fine vases of carnations were awarded certificates, C. W. Ward's varieties being Robt. Craig, Ethel Ward and Lieutenant Peary. John E. Haines exhibited his new red, named after himself, and John N. May set up Phyllis.

In the violet classes Mr. Fraser scored first for 100 doubles, Mr. Herremans second. For 100 singles Peter Duff was first, W. H. Thomas second.

In the group classes Mr. Herremans was first, W. H. Thomas second, both having fine exhibits. For twelve single-stemmed plants in 6-inch pots, Peter Duff won, with a very handsome, uniform lot.

The vegetable classes were not so well filled as usual, but the quality was fine, Mr. Herremans securing the Peter Henderson prize and J. Downing the Thorburn prize. Best collection of apples went to Mr. Fraser and the celery prize to W. Duckham.

In the miscellaneous exhibits Mr. Herremans was awarded a certificate for a fine exhibit of grapes, hot house grown, and Lager & Hurrell and W. H. Thomas for two beautiful tables of orchids. Certificates were also awarded to the new Pierson fern, Rose Mme. Levavasseur and to R. Vincent, Jr., & Son for an extensive exhibit of pompons.

The hall was handsomely decorated with magnificent specimens of palms and foliage plants from the greenhouses of H. McK. Twombly, A. Herrington, gardener, and D. Willis James, W. Duckham, gardener, and the show as a whole was a very decided success, artistically, financially and otherwise. The weather was fine and the attendance broke all previous records. Out-of-town visitors were numerous, many of the shining lights of the horticultural world making a flying visit to see and be seen, and the management has every reason to be satisfied with its labors. The judges were Wm. Scott, Tarrytown, N. Y.; Wm. Turner, Oceanic, N. J., and James Blair, Staatsburg, N Y., and their work was accurate and painstaking. B. B.

TWO NEW ENGLAND ESTATES.

On October 31 the garden committee of the Massachusetts Horticultural Society inspected the rose, carnation and chrysanthemum houses of E. A. Clarke, Jamaica Plain, Mass., where W. A. Riggs presides. The place was in apple-pie order. In chrysanthemums Mr. Riggs has a fine selection of the newer sorts and they are well grown.



A Battles Touch.

(A pleasing effect with ready material.)

In pinks W. A. Etherington had the largest flowers, but Wm. Duckham had a better color and would appear to be a better all-around variety. Mrs. Geo. Mileham had a perfectly finished flower. In yellow, F. S. Vallis headed the list, of the same shade of color as Mrs. T. W. Pockett, but with larger flowers, petals longer and more graceful. General Hutton had fine flowers, but a rather long neck. Mary Inglis, a yellow buff, proved rather disappointing. Mrs. E. Thirkell had fine flowers, but rather poor foliage. C. J. Salter, of Bonnaffon shade, was good, a little too early for the exhibitions. In reds, Maynell was fine, ahead of S. T. Wright. Lady Roberts was not in the same class. Mrs. F. W. Vallis was not up to expectations, but will be tried again. W. R. Church promised some grand flowers. In whites Mr. Riggs has found nothing yet to beat Merza. Ben Wells lacked substance to make it an ideal flower. J. H. Doyle and Mrs. A. Miller were good terra cotta varieties. They made fine single-stem pot plants. Of the older sorts we noted fine blooms of Appleton, Eaton, Viviand-Morel, Lady Hanham, Mutual Friend, Nellie Pockett, Ethel Fitzroy, T. W. Pockett, H. J. Jones, Mrs. Jerome Jones and others. A grand lot of plants in pots was also seen.

In roses the varieties grown are Beauty, Bride, Bridesmaid, Mrs. J. P. Morgan, Wootton and La Detroit. Next year the new Wellesley will be grown as Mr, Riggs considers it ideal in color, fragrance, stem and size of flower. Enchantress was easily the finest carnation. Other sorts doing well were Harlowarden, Flamingo, The Queen, Mrs. Patten and Lawson. Fine batches of cyclamens, calceolarias and other plants were coming along. The committee was well entertained by Mr. Riggs.

On November 1 the E. S. Converse estate in Malden was the rallying ground for the committee. After lunch with Mr. Roy the superintendent, the greenhouses were inspected, main interest being taken in the largest house of chrysanthemum plants in pots arranged for effect. The specimen plants were numerous and remarkably fine. A. J. Balfour was superb, as were W. H. Pierson, Black Hawk, Mrs. Freeman, Ivory, Mrs. J. R. Tranter and others. In the anemone-flowered class Garza and Red Robin were the best, Savannah leading in pompons. The single varieties of the Mizpah type are grown in quantity and are ideal decorative plants.

A house of single stems contained a beautiful lot of blooms. Particularly good were Wm. Duckham, F. S. Vallis, Mrs. J. C. Neville, Merza, Yellow Eaton, W. R. Church, Donald McLeod, General Hutton and A. J. Balfour. In roses Bride, Bridesmaid and Golden Gate are grown, while Enchantress, Challenger, Lawson, Fair Maid and Boston Market were the popular carnations. In the various houses inspected fine batches of Lorraine begonias, primulas, cyclamens, poinsettias, cinerarias and other plants were coming along, all reflecting great credit to Mr. Roy. W. N. CRAIG.

A VISIT AT THORN HEDGE.

The invitation of H. H. Battles, the widely known Philadelphia retail florist, to visit his country place a short time ago, was accepted by Samuel S. Pennock, the wholesale florist of that city; John McIntyre, the buyer of that city, and Phil, representing the florists' paper of that city and the country. The trio went out by way of Market street, past Jacob Becker's new show house at Fifty-second street and Wm. C. Smith's latest improvement at Sixtieth, to Sixty-third street, where they changed to the West Chester trolleys. The ride from this point lay through a beautiful country, full of early associations to Mr. Pennock, who pointed out many spots of special interest.

Mr. Battles' carriage met the party and took them first to the farm, where some fine country, some pink and brown grunters and a flock of Rhode Island reds, somewhat resembling brown leghorns but with brighter hackles and saddle feathers, oddly enough unknown to the gentleman from Westerly. The only other incident before reaching Thorn Hedge was due to a quiet-looking grey horse that was working in a field near the road. This animal had taken a most unexpected night trip to New Jersey just before Phil's last visit. He had been with difficulty located and induced to return. A very interesting collection of minerals, neatly arranged in a cabinet, and another of moths and butterflies, were examined with interest, Mr. Pennock giving some interesting accounts of the latter.

A walk about the grounds followed. A handsome bed of Colorado blue spruce was much admired. There are quite a lot of Rex begonias in variety and a great number of small ferns in 2-inch pots, chiefly pteris, for use in fern dishes. During the winter in this house the valley is forced. About 100,000 will be flowered this year.

The next house was planted with Asparagus Sprengeri in the center bench, Cibotium Schiedei being grown on pedestals over the asparagus. The side benches were planted with Asparagus plumosus. The next two houses are devoted to Adiantum Farleyense. It would be hard to find a finer lot of plants. They present a beautiful sight, the large specimens being perfect in form and foliage. Some are planted out in the bench for cut sprays. These are full of vigor. Another house is entirely filled with Carnation Mrs. Lawson, the plants being benched from 3-inch pots early in the summer. They have grown luxuriantly, showing that broad, bluish foliage that denotes vigor. Sweet alyssum growing in the edge of the carnation benches adds to the revenue of the house.

The last house was entirely filled with Euphrobia Poinsettiana grown on benches for cutting, the center bench nearly filled with hard-wood plants now over three feet high, the side benches with plants from soft-wood cuttings, very dwarf, all with luxuriant foliage. Both the carnation and poinsettia houses have ventilators on both sides as well as two sets at the ridge. Great quantities of cosmos were being packed for shipping in to "One hundred and eight."

A large block of California privet from two to five feet high shows the confidence felt in the future of this effective hedge plant.



H. H. Battles' Service House at Thorn Hedge.

large beds of shrubbery used for cut flowers in the spring and many handsome evergreens. The view from the house over the beautiful valley to the hills beyond, with Media in the distance, is very fine.

The greenhouses were next visited. Here the trio were met by the manager, Frank S. Jackson, and his assistant, Henry Parr, who showed them through. The first house was devoted chiefly to ferns and palms. Asplenium Nidus Avis is given considerable space and is here in all sizes. Cibotium Schiedei is grown chiefly for cutting. There is

Every successful business must have intelligent workers to conduct each department. In Henry Bauer, Frank Gaul, Frank S. Jackson, John McIntyre, Henry Parr and George Rust, Mr. Battles has an exceptionally fine corp of assistants. PHIL.

GRUNDY CENTER, IA.—J. E. Jones has bought the greenhouses of Isaac Harbrouck and will remove them to his property.

BROOKLYN, N. Y.—Wm. H. Cavanagh, a pioneer florist, who retired from business about ten years ago, died October 25, aged 62 years.

OBITUARY.

Elisha Nye Peirce.

In the passing away of Elisha Nye Peirce on October 30, after a long and painful illness, borne with extreme fortitude, New England loses one of her leading florists and Massachusetts a man who was respected by all who knew him. Mr. Peirce's death was not unexpected, as his condition for some time has been very critical. The disease from which he died was cancer of the stomach, from which he has been a patient martyr for a long time.

Born in West Medford, Mass., on August 21, 1839, the son of Major Moses Peirce, he was educated in the town school and also in A. K. Hathaway's classical school in that place. He enlisted in Company E, Fifth Massachusetts, and was present at the first battle of Bull Run. His first enlistment ended, he re-enlisted in Company E, Thirty-ninth Massachusetts, but was never mustered into that company, as he was appointed second lieutenant in Company E, Fifth regiment. Later he was transferred to the United States Signal Corps and served under Generals Hunter and Foster as staff officer. At the time of his death he held quite a number of prominent positions in the G. A. R.

Mr. Peirce's ancestors first settled in Watertown, Mass., in 1630, and from that time to this all have been engaged in agricultural pursuits, the present generation being the first to add horticulture to its calling. While the deceased was a full-fledged military man in every sense, and loved nothing better than to relate his civil war experiences, in which period he was thrice wounded, he was always called by his neighbors Farmer Peirce, and loved the title. While at one time vegetable growing was extensively followed, of late years a large area of glass has been built and tomatoes are now the only vegetable grown. The staples of the firm have been carnations, chrysanthemums, Asparagus Sprengeri, Easter lilies and spiræa, all of which are grown in big quantities and are mostly disposed of at the Park Street Flower Market, of which the deceased was one of the directors, having been unanimously re-elected on October 22 last. Mr. Peirce was also a member of the Massachusetts Horticultural Society and took an active interest in everything pertaining to the welfare of his native town.

A unique character, as a plain speaker he was well known in horticultural as well as in Grand Army circles, and everything he said proved his solidity and thoughtfulness. Everything he undertook was done thoroughly and his death will be deplored for many a long day by the many who were privileged to be among his acquaintances.

Mr. Peirce often said he would rather be called Farmer Peirce than a college professor. His was a noted figure at the town meetings years ago, and he was one of the leaders in all debates. Two sons were identified with him in the business and one daughter survives him. Funeral services were held on November 1 at his late home, Waltham, and was very largely attended, many of his confreres at the Park Street Market being included, and many other members of the craft. The Grand Army was largely represented also, the funeral being of a military character. The floral souvenirs were many and beautiful.

DETROIT.

An Auspicious Opening.

On last Thursday the opening of the Michigan Cut Flower Exchange took place in its new quarters, a trade exhibit being a feature. The show of chrysanthemums, roses, carnations and plants was a most excellent one, there being exhibits of many new carnations and roses from out-of-town growers. The Thompson Carnation Co. sent Carnation Robert Craig. The Chicago Carnation Co. sent Fiancee and Cardinal. Nathan Smith & Son, a new seedling chrysanthemum, James Hartshorne. Elmer Smith, Henry Smith, James Hartshorne and Eli Cross were present and several other out-of-town visitors helped to make the occasion a very enjoyable one. Detroit can now boast of as commodious and well-arranged commission house as there is in the country, and if trade, in keeping with its facilities, can be secured it will be a grand success. Mr. Dilger, the manager, lives in the building, so that he can be reached twenty-four hours of the day by phone, and he is willing to get out of bed any hour of the night to take an order.

Trip to Mt. Clemens.

On October 28 the florists of Detroit and vicinity, on invitation of the craft in Mt. Clemens, visited that city by special car. There was sixty-five in the party. A stop was made at the greenhouses of J. F. Sullivan, where everything looked like new, for the place has been repainted throughout. The stock was in fine condition, two houses of Lilium Harrisii looking extra fine and showing very little disease. Mr. Sullivan has also painted and redecorated his store, so has both his places of business in fine shape.

At the Breitmeyers' the stop was all too short to do justice to the excellent lunch and the fine stock. In roses a bench of 1,000 Liberty showed to what perfection this rose can be grown when properly handled, and right alongside of it were 3,000 La Detroit, with every shoot crowned with a bud. A lesson was learned in the use of a carbon paint for iron. Here about ten feet of pipe at the ends of the two houses of La Detroit were painted, the fumes from which killed all the new growth in one night, thus putting back the plants for two months at least. The carnations were a revelation, for never since the establishment of the plant have they been as fine at this season of the year. The plants are large and bushy, with stems and blooms fit for the carnation exhibit in February. This is from Fred: "White Lawson and Queen for quantity and quality. Lady Bountiful is a close second in white, and the more I see of Flamingo the better I think of it. Nelson Fisher is also a winner." The chrysanthemums are, as usual, very fine, but most noticeable were the two new ones, which the firm bought last year from the originator, H. W. Rieman, viz., Majestic and Adelia, the color being a snow-white from center to circumference, with stem and foliage all that could be desired. The varieties are Japanese incurved and it was the opinion of all that some extra fine flowers would have to be staged to beat it out at the shows this fall. Houses of anemone and pompons and snapdragon were interesting.

Robt. Klagge, the violet king, has abrogated the title and descended from the throne, for he says "the black-fly is now trying to finish up what the gall-fly left of the violet plants." He has some very promising seedlings in carnations, one being a white, of which he has 500 plants. Morning Glory is still grown here and at the place of Stevens Bros., across the way, and are fine at both places. Messrs. Stevens also grow violets and had the best we had yet seen. At Jas. Taylor's the truth of the old adage, "A man cannot serve two masters," was verified, for while the new dwelling being erected was perfection, the greenhouses were not quite up to their usual high standard of excellence, but Jim will get there yet, for he is a worker and will clean up before snow flies.

At J. E. Carey's were found the best violets in town, clean and healthy, the record showing a good cut to the present time. A short stop was made at Von Boeselager's new place and an introduction to the new wife and a lunch concluded the day's hard work, but withal a most enjoyable one, also a profitable one, for such visits awaken the spirit of emulation. The visits could be made much more profitable to the visitors if made in smaller numbers, say two or three, and much more often and also more profitable to those visited, for I heard one florist say at Breitmeyers': "Gee, it must cost something to wet this crowd." RAG.



Adiantum Farleyense at Thorn Hedge.
(Grown by Frank S. Jackson, manager for H. H. Battles.)

BALTIMORE, MD.

Business continues to improve. This week has started off quite satisfactorily. Monday was an exceptionally good day, it being Halloween doubtless causing part of the demand. Much stock was used for All Saints' decorations. Now that the weather has become sufficiently cold to finish up about all the outdoor stock, we may look for general advancement in the trade. All the retailers have a more cheerful look. Chrysanthemums are in good supply and of good quality. Whites are selling best. Last week pink was very slow to move at any price until Saturday, when they were unloaded to the market and street merchants at a somewhat reduced figure. The top price for the very best is $2.50 per dozen. A few of the very earliest brought $3. The average is about $1.50 for good stock. Roses are going at from $3 to $5 per hundred. Carnations $1 to $1.50. The stock is generally good.

W. J. Halliday will soon move to his new store on Charles street, opposite his old stand, having secured a handsome store just being completed.

C. E. Smith & Co., 121 North Liberty street, are improving their store. They are also adding the property in the rear, which will be converted into a large conservatory connecting with the main store. A. F.

BOSTON.

The Market.

Conditions have not changed materially from a week ago, prices remaining about the same all around and the market has continued to clean out satisfactorily. The output of chrysanthemums has now reached its flood-tide. In whites there has been quite a scarcity, very little but Ivory being procurable. Such varieties as Appleton, Mutual Friend, Bonnaffon and Merza are now coming in. The high-class stores display a number of fancy blooms, those from Waban Conservatories being superb. In pinks some nice lots of Duckham and A. J. Balfour are noticeable, also a few of Dr. Enguehard, which latter seems likely to be a fine commercial sort.

Roses are abundant and of improving quality. Carnations still bring $3 per hundred, for fancies, ordinary grades running as low as $1. Violets are now of fine size and color. Princess of Wales is the leader, as is Enchantress among carnations. Prices average about 50 cents per hundred on violets. A slightly hardening tendency is noticed in green stock, a heavier call being noted.

Plans for the Show.

The numerous entries received assure us the finest chrysanthemum show ever held in Boston. The committee of arrangements has decorated the large hall very tastefully and Messrs. Farquhar, Cameron and Wheeler have put a lot of valuable time on this part of their work. It is evident that all available

space will be needed to accommodate the various exhibits.

Some of the leading exhibitors are: Waban Conservatories, J. Breitmeyer's Sons, Chicago Carnation Co., J. D. Thompson Carnation Co., A. Herrington, Miss E. J. Clark, E S. Converse, E. W. Converse, J. S. Bailey, H. Dumaresq, M. A. Patten & Co., Peter Fisher, Wm. Nicholson, William Sim, F. L. Ames estate, E. A. Clarke, Lager & Hurrell, Thomas Dolliber, Commodore M. F. Plant, Mrs. J. L. Gardner, Farquhar & Co., S. J. Goddard, J. E. Rothwell, Nathan Smith & Son and E. G. Hill Co.

The banquet to be tendered the visiting members of the C. S. A. will be held at the Hotel Thorndike on November 4, after the business session at Horticultural Hall. Invitations have been extended to Governor Bates, Mayor P. A. Collins and other notables.

Committee Goes Visiting.

The garden committee of the Massachusetts Horticultural Society has been kept very busy of late, visiting various estates where greenhouses had been entered for competition. On October 28 they left Boston in the 9 a. m. express for New London, Conn. They were met upon arrival by Thomas W. Head, superintendent of the M. F. Plant estate. A pleasant ride of a few miles down the Thames River was much enjoyed, the big freighter Dakota, the largest freight steamer in the world, being passed en route to the private pier on the Plant estate. After lunch with Mr. Head, the committee made a tour of the extensive greenhouses and estate.

On October 31 the rose, carnation and chrysanthemum houses of E. A. Clarke, Jamaica Plain, where Wm. A. Riggs presides, were inspected. The committee found the houses in apple-pie order. On November 1 the E. S. Converse estate at Malden was visited. Mr. Roy, the superintendent, received the committee very hospitably. Chrysanthemum plants in pots are very fine here.

Field Day at Waban.

On October 29 members of the Boston Gardeners' and Florists' Club had a field day at the Waban Conservatories on invitation of Alexander Montgomery. Some of the party went in automobiles, the remainder by steam and electric cars. On arrival a complete tour of the extensive greenhouses was made under the guidance of the two Alexander Montgomerys, senior and junior. The numerous rose houses were all in splendid condition, the Beauties, Brides, Bridesmaids, Morgans, Liberties and other sorts grown by the thousands being as near perfection as it is possible for them to be.

Very great interest was shown in the large house of Wellesley, Mr. Montgomery's new seedling. This was a wonderful sight, thousands of blooms being in view. Part of the house is planted with grafted stock, the balance with own-root plants, the former showing a slight advantage so far. Stems four to five feet long can be cut at this date, and there is a big call for the flowers at the high-class stores. Mr. Montgomery has not yet disclosed the parentage, but that he has a sterling novelty all who see it must concede.

The houses of single-stemmed chrysanthemums were of great interest to the visitors. They contain the cream of the new and older sorts and command the best prices at the Boston stores. Last season Mr. Montgomery got $8 per dozen for that grand late variety, Mrs. Jerome Jones. A variety which appealed very strongly to all present was Mlle. Marie Liger. Other varieties which Mr. Montgomery thinks well of are: William Duckham, Dr. Enguehard, General Hutton, Charles Langley, Ben Wells, Miss J. Barwood, C. J. Salter and Mrs. J. C. Neville. Of the older sorts Mrs. J. Jones, Mrs. T. L. Park, Eaton, Appleton, Maud Dean, Merza and Kate Broomhead are favorites.

After a complete inspection of the whole plant, boiler room included, an adjournment was made to the roomy potting shed, where sandwiches, coffee, ice-cream and other refreshments were served. Before the party left, J. A. Pettigrew, in the name of the club, tendered the thanks of the members to Mr. Montgomery for their kind entertainment. The members gave three cheers and a tiger for their generous host and closed with singing "He's a Jolly Good Fellow."

Various Notes.

After leaving Waban Conservatories a portion of the party journeyed to the new establishment of John Barr, at South Natick. All his carnation houses looked first class, being a mass of bloom. The Queen, one of Mr. Barr's introductions, was splendid. Other kinds well grown were Enchantress, Fair Maid, Lawson, Harry Fenn and Mrs. M. A. Patten. Some very promising seedlings are also under trial. Everything on the place was in the pink of condition.

F. W. Fletcher of Auburndale has a fine yellow chrysanthemum, a seedling from J. E. Lager, which he has named Easigold, in season from October 8 to 12, which has sold finely. It is a splendid commercial variety and likely to become very popular. W. N. Craig.

NEW YORK.

The Market.

The market, which looked very promising on Saturday, experienced the regular Monday setback, which of late has become chronic and prices settled down to the low figures of last week. In fact, the dealers have become reconciled to the belief that improvement need not be looked for as permanent until after election.

There are some magnificent chrysanthemums in the market, none finer even at the exhibitions, where only the best are considered. Ivory never was so fine as this year. Appleton has arrived in grand and perfect form. Duckham is king of them all in size. Little wonder carnations have retired for a time and have to be satisfied with serious declines in value, and the quality, too, is superb.

Beauties do not advance except in quality and orchids remain below standard prices. Violets found a ready sale on Saturday, when Yale sent its football contingent to do battle, but this week sees prices down again, top prices reaching 50 cents with difficulty.

Various Notes.

A. H. Langjahr is handling some especially fine Ivory. This is his thirteenth year in the wholesale business and not being superstitious he expects it to be his best. He is reaching out for shipping trade successfully. Arthur Hunt, his foreman, had a severe tussle with a highwayman on Sunday evening in Astoria. He saved his watch and money but was severely marked by the scoundrel before his rescue.

George Clarke, of Portland, one of the Clarke Bros., is visiting New York. E. Bernard, of San Diego, Cal., another traveler from the woolly west, is here, his specialties being roses, olives and ornamentals.

Dreyer & Keller, joint owners of the new white carnation, Bertha Rath, are sending fine stock of it to the Cut Flower Exchange, which is exclusively handled by Frank Millang.

Guttman & Weber's new red carnation has been christened Victory. Mr. Guttman will exhibit it this week at the Boston show.

Kreshover has moved his branch in the Coogan building to the former office of the Cut Flower Exchange, where light and facilities are much improved. The new ice box of the Exchange will be erected in his former quarters. All of the prominent growers of the company have signed a petition to the L. I. R. R. for the restoration of the early train from Port Washington via Bayside and Great Neck, with almost certain prospects of a favorable decision.

The gold medal of the Louisiana Purchase Exposition has been awarded to John Scott, of Brooklyn, for his exhibit of Scottii. Beaulieu, of Woodhaven, the pansy man, has been awarded a silver medal for his patent hose supporter.

C. W. Ward returned on Friday from Europe, after a pleasant journey, having spent September and October on the continent.

Charles Koch, of Flatbush, escaped a watery grave about fifty feet above ground when he fell into his water tank. Fortunately a ladder made rescue possible.

In the Herald on Sunday appeared a long interview with the manager of the Waldorf-Astoria, in which among other "facts" appeared the statement that "our florist's bill is $50,000 a year." J. H. Small & Sons have a handsome branch store and do the entire decorating for the hotel. While the figures will perhaps come in the line of "news" to many of the trade, even in this city of magnificent prodigality, the statement of "mine host" does not seem at all improbable.

Lion & Wertheimer have a novelty in the shape of a flower and foliage combination, which they call the "messaline glace chagneaut" ribbon, for which they report an unprecedented demand.

At the funeral of the Rev. Dr. Lorimer last week, some very handsome designs were sent from Twenty-eighth street. One especially, a wreath of laurel and pink heather, from one of the wholesalers, a member of his congregation, being unique and appropriate.

Stumpp & Walter, H. H. Berger & Co., Suzuki & Iida, Elliott, Thorburn, Joosten, Henderson, R. M. Ward & Co., the Clucas & Boddington Co., and Arthur Boddington all have the same story to tell. They say it has been an exceptionally good season.

Thorley's latest accompaniment to the chrysanthemum display in his stores is a profusion of wicker baskets, suggestive of accommodation for the largest blooms, though otherwise unattractive.

McConnell had a charming window of yellow chrysanthemums and orchids on Saturday that the Fifth avenue pedestrians found it worth while to pause and admire.

At Wadley & Smyth's the entire force has returned from Newport and at Leik-

ens', on East Thirty-third, the new ice box has been installed and the opening business has been very satisfactory to the proprietor.

David Clarke's Sons are rejoicing in opening of the subway and are celebrating by a profuse daily decoration in their enormous store, a station at their very doors making special conveniences for their numerous patrons.

November 15 will see the season's final exhibit of chrysanthemums in New York, at the rooms of the New York Florists' Club in the Grand Opera House building. There should be no delay in notifying President Traendly or Secretary Young by exhibitors. It is planned to make this a gala night. Many florists from other cities will be here on account of the big flower show of the American Institute, which will be the longest if not the best on record, extending from November 10 to 17.

President Traendly, Vice President Butterfield and Messrs. Sheridan, O'Mara, Nugent and Shaw, of the New York Florists' Club, were visitors at Madison, on the first day of the exhibition last week. Chas. H. Totty, of the executive committee, was absent owing to the death of the father of Mrs. Totty.

Bowling.

The following are the scores made this week:

Traendly	98	107	154
Butterfield	140	112	120
Ford	127	148	111
Shaw	125	119	156
Fenrich	191	148	
Adam	116	117	
Lang	159	224	
Siebrecht	97	118	
Marshall	143	139	
Holt	151	99	
O'Mara	125		
Hoffman	103		

J. AUSTIN SHAW.

ST. LOUIS.

The Market.

The retail trade is much benefited by cooler weather. While trade is better than last year at this date it is not entirely up to expectations. We had quite a frost the past week, which killed all tender outdoor plants. A few of the up-town florists report a busy week in all kinds of work and especially funeral work. Quite a number of social affairs are on tap for this week at the World's Fair and no doubt a lot of first-class stock will be used. The florists in the west end who have fine show houses are stocked up with fine blooming plants of all kinds and especially chrysanthemums, which gives them very attractive showings.

The quality of the stock at the three wholesale houses is good, but select grades are limited in quantity. Extra select Carnot, Liberty and Kaiserin bring $8 per hundred. On Bride, Maid, Meteor and Perle the prices are from $5 to $6. Seconds and thirds in these run from $1 to $3. American Beauties of the extra quality are still scarce for the demand, at $4 and $5 per dozen. Good Beauties can be bought for $2 and $3. Others run from 5 to 10 cents each.

The demand for carnations is big. Everybody wants select stock, while common stock is generally left over. The stock in Lawson, Enchantress, White Cloud, Estelle, Wolcott and Joost is coming in fine and when extra choice sells at sight for $2 and $3 per hundred. Lawson is coming with longer stems, which helps to sell it.

It strikes us that the demand for chrysanthemums is very good and especially for medium sized blooms. Fancy stock is slow in coming to this market. Good white has the call at $3 per dozen. Those left are generally yellow or pink. We are promised some extra fine specimen blooms this week, which will be welcomed by those who keep first-class stock. Violets are selling well and are much better. Some extra fine doubles were seen at Kuehn's last week at $1 per hundred. Californias are 50 cents. Choice stock is limited at present to standing orders, which are quite heavy.

Cosmos and tuberoses are still coming in limited quantity. All other outdoor stock was killed by the heavy frost of the past week. Good smilax is coming in freely and sells well at 15 cents per string. Extra fine adiantum is to be had at $1.25 per hundred.

Various Notes.

Ed Kalisch, of the firm of Kalisch & Sons, was married the past week. Congratulations are now in order.

A. Berdan, of Kirkwood, is sending F. M. Ellis Paper Whites which are really fancy for this time of the year.

James W. Dunford is sending in a fine cut of roses from his place at Clayton.

The Schuerman Floral Co. will again decorate the Coliseum for the horse show the latter part of this month.

Fred Ammann, of Edwardsville, is sending in an extra fine lot of Chatenay roses to Kuehn's. His Beauties and other roses are up to their usual standard. Fred expects to be in it at the big show next week.

G. Kruse, in South St. Louis, reports business good. He has a fine lot of Boston ferns which he is selling to the west end florists.

The floral clock at the World's Fair looks dilapidated since the frost killed all the coleus which were used for the figures.

Fred Weber and James Arata had to do jury duty the past week, which was not much to their liking.

The local craft is much pleased to learn through the REVIEW that Messrs. Herrington, Duckham and Rudd are to be the judges at the World's Fair flower show. All three have many personal friends among the craft here. The local florists are all taking a great interest in the big show and it will be no fault of ours if the show should not be a success. Phil Hauswirth is expected this week to take up his headquarters in the Horticulture building and hold meetings with the local committee. Your scribe paid a visit to the grounds on Friday and found all hands busy in the conservatory, making preparations for housing the big show. J. H. Hadkinson, the superintendent, says everything will be made comfortable for all the visiting florists and that he will render all assistance to make all feel like home.

Dan Newsham is busy packing up his palms at the World's Fair ready for shipment to New Orleans this week. Dan says he will return for the big show.

President Juengel says that the club meeting next Thursday afternoon, November 10, at 2 o'clock, will be open to all visiting florists. They are especially invited to take part in our proceedings. The members should come out in full force. There will be cigars to burn, if that will help any.

Fred Foster and Alex. Siegel had a great time of it on Sunday, having the street fakirs arrested, as an order has been issued by the city officials that street fakirs must vacate. Fred took several rides personally in the patrol wagon with his victims to see that they were safely locked up in the hold over.

J. J. B.

PHILADELPHIA.

The Market.

Fred Ehret sized up the market conditions exactly this week when he said: "I can't sell enough flowers." There is plenty of business on most days but a tremendous supply of stock that will accumulate at times, in spite of the most heroic efforts. Among the best chrysanthemums this week are Appleton, Balfour, Bonnaffon, Byron, Coombes, Eaton, Halliday, Ivory, Shaw and others. Violets are scarcer and are in demand. Roses sell rather slowly. Carnations go a little better. The Cut Flower Co. had some nice shipping orders for Enchantress and Prosperity. The additions to the list are Paper White narcissi at Niessen's and at Reid's and Easter lilies grown by Julius Koehler & Son, of Frankford. As seen at Joseph Kift & Son's handsome store, they were very fine. The subtraction from the list is cosmos. The last of the outdoor stock succumbed to Jack Frost.

The Largest Decoration.

The event of the week is unquestionably an elaborate store decoration arranged by Hugh Graham for Gimbel Brothers. It covers the main aisle on the second floor, which runs from Eighth street to Ninth street and is about thirty-five feet wide. Last year this decoration was the finest thing of its kind ever seen in this city. This year practically the same ground is covered. The changes are, however, very marked. The effect is much more artistic. Presumably Mr. Graham has been allowed to use his taste, with the result that the incongruous features supposedly popular are removed. The idea is a California garden. Cut chrysanthemums, cut roses, growing orchids and foliage plants predominate. There are four or five water effects and a tall rockery. The chrysanthemums are a show in themselves. The orchids, all from Logan, are a most creditable commercial collection. All the growing and much of the cut stock came from Mr. Graham's place at Logan, but some idea of the vast quantity used may be gathered when it is noted that the Leo Niessen Co. furnished 1,000 fine crysanthemums, E. Bernheimer 1,200 roses and so on.

A Visit to Riverton.

The chief was at home this time, fresh from a few weeks' trip across the ocean, taken on the slowest steamer, giving but little time on the other side. The effect was excellent. All signs of the strain of managing a big place had disappeared and there was abundant evidence of latent energy sufficient to meet every business problem that may arise.

It is rather a difficult matter to give an adequate idea of a large plant like that of the Henry A. Dreer Co., but when there is inspiration from a master in horticulture, like J. D. Eisele, with a little aid now and then from George A. Strohlein, it would be a mighty poor scribe who couldn't write something readable.

Mr. Eisele brought over with him some plants of an improved Paris daisy

that he believes will be a very useful thing. It bears seventy-five per cent double or semi-double flowers of good size, resembling the anemone-flowered chrysanthemum Timbale d'Argent, well known in the eighties. The name of this daisy is Chrysanthemum furtescens Queen Alexandria. It will be sent out next spring.

Work on the perennials is now being pushed with vigor. Careful comparison has demonstrated the fact that pot plants of nearly all the perennials do better after being sent away than the larger, field-grown clumps. This is not generally believed yet, but it is true, the uninjured roots of the pot-grown stuff enabling them to push right ahead, while the clumps from the ground often have to be shipped just when their season of growth, or even of flower, is on and get a serious check. A larger force of men than ever before at this work is industriously potting these perennials. Long frames are full of thrifty looking stock now in 3-inch pots. They will be kept at it as long as the weather remains open, or until the job is finished.

Viola cucullata, the so-called crested pansy, is being more extensively grown. It is a feature of outdoor planting abroad, where it is massed in solid colors, blue, yellow and white, with perhaps a fine tuberous begonia to punctuate the beds which form a brilliant patch of bloom throughout the season.

Inside the houses Begonia Gloire de Lorraine in sixes, set on board strips over a lily tank, were very thrifty in appearance and full of buds. A corner of one house was devoted to nepenthes, pitcher plants, not often seen in commercial places. Mr. Eisele has brought over Croton Turnfordiense, considered the finest yellow-leaved variety with green edge. Cocos Weddeliana has been in good demand. A large stock is being marketed.

A very important cultural point at variance with accepted ideas has been brought out in Pandanus Sanderi. Mr. Eisele believes that with care this variety will be grown with the rich, vivid coloring throughout that makes it so effective. Nephrolepises are plentiful, nice bushy plants. For Scottii Mr. Eisele predicts a great future.

The azalea houses showed the effect of Mr. Strohlein's strenuous week spent in distributing them from Canada to the gulf and presumably from the Atlantic to the Pacific, though he did not admit it. There were great gaps in the blocks of glossy green plants.

The palms were in very fine condition. The decorative sizes of kentias, specimens six feet high and over in from 10-inch pots to 15-inch tubs, were a sight, their deep green foliage suggesting durability as well as perfect health. Latania Borbonica in 9-inch pots were nicely done. There were good looking tables of Areca lutescens in sixes and a few nice plants of Kentia Sanderiana. Outside in a slat house were a pretty lot of araucarias and in a board house were dwarf and standard bay trees. Both are somewhat novel. The dwarf bays are about two and a half feet high, prettily rounded, while the standards are trimmed in pyramid form, giving them quite an imperial air, as the Belgians say.

Train time and farewell to Messrs. Eisele and Strohlein came all too soon, but the memory of the pleasant visit will not soon fade away.

Easter Lilies.

In past seasons many of the Easter lilies used in this city have come from outside points, but during the coming winter Thaddeus N. Yates & Co. expect to have a steady supply, chiefly for cut flowers. They have upwards of 18,000 Lilium Harrisii 5x7-inch bulbs. The most advanced are likely to be in bloom by Thanksgiving. From that time a steadily increasing supply will be forthcoming until spring. The entire lot are in good, healthy condition and will average, Mr. Yates thinks, about three flowers to the stem. The firm is to be congratulated on their enterprise in this direction.

Various Notes.

The fall show of the Pennsylvania Horticultural Society opens next Tuesday, November 8, in Horticultural Hall, Broad street, below Locust street.

The board of directors of the Flower Market organized for the third year at the Market last Tuesday. The officers elected were: President, William K. Harris; vice-president, Joseph Heacock: secretary, Alfred Burton; treasurer, Charles E. Meehan. Mr. Meehan was also re-elected manager.

The Henry F. Michell Co. is busily filling bulb orders this week. They note an increased demand for narcissi and tulips for bedding. Their bulbs are being planted out in the beds at Independence Square this week.

Andrew E. Hall made up a handsome basket last week for the silver wedding of Mr. and Mrs. H. Bayersdorfer. The basket was large, of cornucopia shape and filled with silver-colored material throughout.

J. D. Eisele tried an old fashioned garden of hardy perennials last season with excellent results; an abundance of cut flowers for the table throughout summer and fall.

H. H. Battles has a show case on Chestnut street this week in addition to a case on Twelfth street, with fac-simile of his signature across the glass. The new case is evidently filled to interest the friends of the debutantes: Sunrise roses, lily of the valley and double violets, set off by Cibotium Schiedei fronds and pale green cover.

John Ruppert, of the Henry A. Dreer Co., has the sympathy of his many friends in the death of his father, which occurred last week.

The William Graham Co. has had a number of dinner decorations lately.

A fakir appeared in the center of business last Saturday with 100 fine, long-stemmed Liberties, fresh buds. He said he had bought them from a farmer. Another fakir appeared later with exactly the same stock and story. Wanted, the farmer.

Charles P. Poryzees had some exceptionally fine Bonnaffon in his window this week. Edward Reid pointed them out with pride.

Charles E. Meehan, the popular manager of the Flower Market, visited Wyndmoor recently. He reports crops promise well for the coming season. Beauties, of course, are the principal stock. Besides he mentioned John Burton's fine houses of Liberty and Myers & Samtman's house of Sunrise in splendid shape and their house of Queen of Edgely.

W. J. Baker is handling some heavy strings of smilax for which he finds ready demand.

A returned traveler says that many chrysanthemum shows are held in China during October. They divide the varieties into two classes, civil, corresponding to our Chinese, and military, corresponding to our Japanese.

Mr. Murdoch, of the Pittsburg firm of that name, was a visitor last week.

Samuel S. Pennock has filled some good gardenia orders lately. The supply of this flower is not so large as a week ago.

William J. Muth, of the Cut Flower Co., showed some good Colonel Appleton and J. K. Shaw chrysanthemums.

William Berger has an effective window display of chrysanthemums this week, grown on his own place. He has greatly improved the conservatory in the rear of his store during the past summer.

PHIL.

CHRYSANTHEMUM SOCIETY

Work of the Committees.

Brighthurst, exhibited by Nathan Smith & Son before the New York committee October 29, color rose pink, silvery reverse, Japanese, scored commercial scale 90 points; exhibition scale 85 points.

Mrs. John Fries, exhibited by John Fries, Covington, Ky., before the Cincinnati committee October 29, color Bonnaffon yellow, incurved Japanese, scored 86 points commercial scale. The flowers shown were grown two to one plant.

FRED H. LEMON, Secy.

LILIUM CANDIDUM.

The white lily is an old inhabitant of our gardens, so old in fact that no one could give a correct date of its introduction to England. The only thing to fix its date of introduction is to quote Gerard's Herbal of 1596. It probably first reached our shores from southern Europe, where it occurs in a wild state, extending from the island of Corsica to northern Persia and the Caucasus. Notwithstanding this bit of ancient history, the fact remains that modern cultivators have as much difficulty in cultivating the white lily as our ancestors had. Its mode of growth, and the time it commences to throw its leaves afresh, point to the fact that if necessary to transplant it, it should be done at a much earlier period than any other lily grown in the open. Experience would seem to indicate that it resents being lifted at all, while another difficulty is brought about by the advent of a fungus during the past few years. Taking all these things into consideration, we cannot help thinking that the white lily is happiest in the garden of the cottager, where the bulbs are seldom interfered with by the cultivator.—Gardeners' World.

SCRANTON, PA.—W. E. McClintock had a nice order recently for the Gearhart-Spencer wedding.

SANTA ROSA, CAL.—Master Finlow Geary has embarked in the florist business, growing outdoor chrysanthemums.

HILLSDALE, MICH.—Carl Hirsch gave a chrysanthemum show last week to which he charged adults 10 cents admission, dividing half his gross sales among the churches of the city. The result was that he had a big crowd and gave the churches $152.40. This week Mr. Hirsch visited Chicago on his way north for a few days' vacation.

FANCY MUMS

The big mid-season varieties are on in full force and we are handling such fancy sorts as Halliday, Duckham, Byron, Bonnaffon, Pennsylvania, Appleton, Viviand-Morel, etc.

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	Per 100	
Brides and Maids	$3.00 to	$6.00
Meteors and Gates	3.00 to	6.00
Liberty	3.00 to	6.00
Carnations, select, all colors	1.00 to	1.50
" large and fancy	2.00 to	3.00
Mums, large, per doz., $2 to $2.50		
" medium " $1.25 to 1.50		
" our selection		12.00
Violets	.50 to	1.00
Valley	2.00 to	4.00
Callas....per doz., $1.25 to $1.50		
Paper Whites		3.00
Asparagus, per string, 35 to 50c.		
Asparagus Sprengeri	2.00 to	3.00
Ferns....per 1000, $1.50		.20
Galax....per 1000, $1.25		.15
Leucothoe		.75
Adiantum	.75 to	1.00
Adiantum Croweanum		1.25
Smilax....per doz., $2.00		

Subject to change without notice.

Mention The Review when you write.

CHICAGO.

The Market.

The close of last week saw a stiffer market than we have had at any time this season, largely because of the heavy requirements of the south, principally New Orleans, for All Saints' day. Of course the horse show helped to a degree, for social activity was at its height last week, but the southern shipping trade was ahead of the best previous records, calling for very large quantities of stock, and was the means of clearing the market. There are some houses doing a large shipping trade to other points which do not cater for New Orleans business; these sold out of all good stock to those who are willing to take the risks of heavy thousand-mile shipments.

Prices began to stiffen on Friday and on Saturday roses, and particularly carnations, commanded the best figures of the season, the advance being wholly unlooked for by the city buyers, who, many of them refused to buy beyond the necessities of the moment, believing that prices would be back to normal on Sunday and Monday. But in a way they were mistaken. Monday's receipts were small and it was Tuesday before the market was easy again; that day's business was light and receipts large.

There is no oversupply, yet a good crop of fine Beauties. Mildew is still in evidence on many tea roses and these are difficult to move at any price, even if crops are on the decrease and good stock somewhat scarcer than it was. Violets, especially Hudson river stock and singles, did well last week but are now in slow demand. There is a good call for valley, orchids and green goods.

Very fine mums are now offered in quantity, the season being about at its height. Eaton, Appleton and such big sorts are to be had without limit at comparatively moderate prices. The new pink, Wm. Duckham, has done well for everybody and will be largely grown next year.

There are large cuts of carnations and quality is in general very good. Quantities of outdoor flowers are still being offered cheap for funeral work. Paper Whites are in and callas are plentiful.

Club Meeting.

Election night at the club brought out the largest attendance in a year, among those present being Prof. A. C. Beal, of the University of Illinois, and Mr. Ellison, of St. Louis. The bowling trophies won at the S. A. F. convention were on display. The officers elected were as follows: President, W. N. Rudd; vice-president, J. P. Risch; recording secretary, Robert Johnstone; financial secretary, Geo. Asmus; treasurer, Edgar Sanders; trustees, F. F. Benthey, W. L. Palinsky, M. Barker, Leonard Kill and H. B. Howard. Five new names were proposed for membership, George Ball, Harry Blewitt, Jas. Hancock, Wm. Greisinger and R. J. Mohr, and one resignation accepted. For flower show premium funds, $50 was donated as usual. A certificate of merit was given a new light pink seedling rose raised by John Monson, of Minneapolis. Adjournment was to the Bismarck, where a Dutch lunch was given in honor of the bowling team.

Flower Show.

George Asmus was appointed manager of the flower show, his selection being a happy thought, for there is no more capable member of the craft. All arrangements are complete and a large number of exhibits assured, many responses having been received by the committee appointed to see what stock will be forthcoming. The only department which does not run smoothly is that of publicity, the political and war editors seeming to want to monopolize all the space in the daily papers.

Various Notes.

Miss Hartshorne, sister of James Hartshorne, is at the Growers' Market, selling the stock sent in by the Chicago Carnation Co. They have a bench of Wm. Duckham chrysanthemums which is a wonderful sight, and good old Bonnaffon is never grown better than they have it. The house of Fiancee is great and Mr. Hartshorne says they had cut three flowers to the plant at October 21, with plenty now in sight. Cardinal is making a fine showing, way ahead of others of its color. Lady Bountiful and Moonlight are both very good. Fair Maid is good but not equal to Enchantress. Two new ones on trial are a red seedling from W. N. Rudd, with good size and exceptionally long stems, and a yellow from A. Herrington which puts all other yellows among the "also rans."

Don't sprinkle the chrysanthemums after they have been packed in the boxes, and don't use wet paper. Many consignors do both these things, and it doesn't make them any money.

Joseph Smely, of Aurora, telephoned to town Sunday for entry blanks for the show. He said he wanted to enter the

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twin girls who had arrived at his house that morning. The man at this end of the wire couldn't hear very well, but finally got the idea and sent the blanks, with a list of the premiums in the seedling classes.

J. D. Thompson sends us the following: "The J. D. Thompson Carnation Co. extends a cordial invitation to the members of the American Carnation Society, and all other visiting florists, to visit their establishment at Joliet, Ill., during the week that the society meets in Chicago in January, 1905. A special train will be in waiting and transportation will be furnished to those desiring to take the trip. The day and time of train will be announced later." To this Mr. Thompson adds that this invitation was placed in the hands of Secretary Herr at the S. A. F. convention at St. Louis.

A. M. Murdoch, of Pittsburg, is looking for the address of Charles Ussings, said to be employed by some Chicago florist.

E. H. Hunt is in receipt of a letter from the U. S. Department of Agriculture giving To-bak-ine a very fine endorsement.

The E. F. Winterson Co. was so busy with New Orleans shipments that they went out to the greenhouses Sunday to pack stock, the boxes being taken to Grand Crossing to meet the train.

John Assa, out in Bowmanville, has his place entirely in Brides and Maids, all carried-over stock, tied down and making fine growth. He has every promise of a very prosperous season. The stock goes to the A. L. Randall Co.

The George Wittbold Co. has been experimenting with Impatiens Sultani. They find it a good grower and very attractive, but it drops its flowers as soon as taken into a dwelling.

Robert Northam welcomed a little daughter a few days ago.

Sam Pearce has been cutting Paper Whites for a week, and several other growers are now in.

Weiland & Risch are cutting Brides and Maids to which they point with pride.

Vaughan & Sperry are getting some very long-stemmed Chatenays.

Kennicott Bros. Co. is handling considerable quantities of orchids, principally cattleyas.

The new drainage canal from Evanston to Chicago cuts through the farm Peter Reinberg bought a year or two ago, intending some day to build greenhouses there. Property owners in the vicinity, including Wm. A. Peterson, are trying to get the canal route changed. The present course ruins Mr. Reinberg's tract for greenhouse purposes.

Bowling.

Including Tuesday night's contest, the Lambros team has won six straight, Winterson's won five and lost one, Hauswirth's won one and lost five, and Asmus lost six straight. The latest scores:

Wintersons.	1st	2d	3d
Scott	122	146	141
Haage	136	161	125
Pruner	151	120	131
Stevens	164	153	210
Totals	573	580	607
Asmus.	**1st**	**2d**	**3d**
C. Hunt	116	111	148
Beaman	108	117	149
E. F. Winterson	134	122	118
Asmus	154	186	138
Totals	512	536	551
Hauswirths.	**1st**	**2d**	**3d**
Balluff	166	136	158
E. Hauswirth	114	160	154
V. Kreitling	114	117	109
F. W. Martin	97	108	92
H. Klunder	66	126	120
Totals	557	647	633
Lambros.	**1st**	**2d**	**3d**
Lambros	154	155	135
Huebner	132	129	133
Callas	179	182	148
Benekos	152	102	128
Venson	190	173	103
Totals	807	741	647

CINCINNATI.

The Market.

Business is now moving along at a very lively gait and the wholesale houses are selling out clean almost every day. All classes and kinds of stock are selling at advanced prices and things are looking very encouraging. That October was not up to last year is the general report, with but few exceptions, but now there is a chance for November to make up what was lost in October.

Great big exhibition mums are now on the market. Some of them bring $4 per dozen and $3 is a common price, with plenty of takers. The demand for all kinds and grades of mums is first class. Though the supply of small whites is fairly large, there are not enough to go around.

Roses are coming heavier than any other flower. Beauties are just about equal to the demand, with good stock advancing in price. Very good teas are to be had at $6. Every week the supply of carnations increases and in most cases the quality is right. But it is still impossible to fill all orders. Carnations have been very backward this year, but they will be coming in good numbers just when the mum is past its prime. Violets are now in good demand. Some very good valley is coming in, also narcissi, which are selling well.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
30 to 36-inch stems	$3.00
24-inch stems	2.00
18-inch stems	1.50
12-inch stems	1.00
Short stems	per 100, $4.00 to 6.00

	Per 100
LIBERTY	$4.00 to $6.00
CHATENAY	4.00 to 6.00
" seconds	2.00 to 3.00
MAIDS AND BRIDES	4.00 to 6.00
" " " seconds	2.00 to 3.00
PERLE	2.00 to 4.00
GOLDEN GATES	2.00 to 4.00
CARNATIONS	1.50

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00

Mention The Review when you write.

A Visit to Richmond.

There were twelve florists in the party that left this city last Thursday to visit Richmond. At Cottage Grove, Theo. Bock joined. The train was met by several of the Richmond boys, including E. G. Hill, Fred Lemon and Chas. Knopf. After dinner a special car was taken to Mr. Hill's plant. Mums were

BIG MUMS We grow ALL the Latest Varieties, and are getting a BIG CUT
The BEST IN CHICAGO

Such varieties as Appleton, Bonnaffon, Philadelphia, Pennsylvania, Duckham, Morel, Pink and White Ivory, Whildin and Robinson.

Extra Fancy, Choice Stock, per dozen,	$4.00
Fancy, Bonnaffon, etc., "	3.00
Choice, white, pink or yellow, "	$1.50 - 2 00
Small, in hundred lots, per hundred	8.00 - 10.00

Also headquarters for FANCY BEAUTIES, TEA ROSES and CARNATIONS.
Give us YOUR ORDER and you'll be pleased with the GOODS and Prices.

POEHLMANN BROS. CO. 35-37 Randolph St. CHICAGO.

GREENHOUSES, MORTON GROVE, ILL.—600,000 FEET OF GLASS

Mention The Review when you write.

in all their glory, thousands of them. Every color, size and form was represented, some of them seedlings, others importations. The new red rose, called Aetna, from all appearances is going to be a stayer. It shows more good qualities than any red rose I have ever seen, and has fewer faults. The plants were in fine shape. Carnations were also looking well. The Cardinal was doing nicely and throwing some long-stemmed flowers, which were fine.

At the B. K. & B. Floral Co.'s place we saw very fine carnations. There can be no question but that they are in charge of a good grower. The Queen was in great shape, showing a mass of buds on long, erect stems. Enchantress also was great and a large number of this variety are grown here. But Mr. Knopf's pet is Richmond Gem. It was coming along in fine shape and throwing many blooms. They also have some very good mums. Mr. Grave met us here, but owing to the shortness of our stay we were unable to visit his place, much to our regret.

Various Notes.

Announcements were sent out for the opening of the new Avondale store, November 1. Firm name is Jones Floral Co.

I regret greatly to report the death of Mrs. Edward Foster, due to pneumonia. The sincere sympathy of all is extended to Mr. Foster.

Thomas Fitzmorris is receiving congratulations. It is a girl, and Tom is justly proud of the second little member of his family.

Visitors: J. M. Gasser, Cleveland; Myer Heller, New Castle; B. Eschner and Martin Reukauf, Philadelphia, and Herman F. Winter, Charleston, W. Va., who is about to open a retail store in that city. He was lately employed with J. W. Alexander. C. J. OHMER.

JOLIET, ILL.

Both the J. D. Thompson Carnation Co. and the Chicago Carnation Co. are making exhibits at the big show at Boston, Mr. Thompson having gone east personally to see how the stock compares with the best there. Because of his absence the firm is not represented in the local show, which is on this week and for which very good success is anticipated. The Chicago bowlers and their friends are expected down Saturday night in full force.

CHAMPAIGN, ILL.—C. C. Ferdinandsen has installed a new heating apparatus.



CATTLEYAS.....per dozen, $6 00
DENDROBIUMS....per dozen, $3 00 to 5 00
CYPRIPEDIUMS.....per dozen, 3 00
Assorted Orchids and Sprays, box, $5 to $25

ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. L. D. Phone Central 3598. Auto. 3623.

Mention The Review when you write.

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
WILD SMILAX
ALWAYS ON HAND.
25-pound case.....$3.00
50-pound case..... 5.00
NONE BETTER
E. F. WINTERSON CO.
45-47-49 WABASH AVE.
CHICAGO

Mention The Review when you write.

Adiantum Cuneatum,

From 2-inch pots, fine, healthy plants, ready for a shift.

$3.00 per hundred,
$25.00 per thousand.

Just ready to plant out for cutting this winter.

The Geo. Wittbold Co.
1657-1659
Buckingham Place,
CHICAGO.

Mention The Review when you write.

Exhibition Mums

Extra Large and Extra Fine, $4 to $5 per doz.

Large and Fancy, all colors, $2.00 to $3.00 per doz.
Good stock, good size, $1.00 to $1.50 per doz.
Small stock, - - 2.00 to 6.00 per 100

If you can use a quantity it will be to your advantage to let us quote special prices. Quality good throughout.

ROSES AND CARNATIONS OF THE BEST QUALITY.

A. L. RANDALL CO.

WHOLESALE FLORISTS

19 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

WHITE FLY.

In reading the Review I see that there are many florists who are troubled with a small white fly. I have had the same trouble. It seems to thrive best where there are plenty of salvias, cinerarias and pelargoniums. I have found a very simple remedy. Take some fly paper and lay around the above named plants and on this place a few dried apples. They seem to relish these very much. All readers of the Review will do well to try the above and watch the results.

S. M. Wyatt.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Guttman & Weber, New York, submit for registration, Seedling Carnation Victory, hitherto known as No. 3; color, scarlet red; flower larger than Lawson; stem stiff and very long, but close-jointed and less brittle than most stiff-stemmed varieties. The plant resembles Lawson in appearance, but is said to be as prolific as Scott.

Wm. J. Stewart, Sec'y.

Provo, Utah.—Jensen & Huish, proprietors of the Provo Floral Co., have built a large greenhouse, stocked it and are ready for business.

You may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper.—G. M. Naumann, Cleveland, O.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—On a private place, by a competent man, thoroughly up in the growing of roses, carnations, mums, palms, etc.; married; best of references. Address Joe Smith, Gardener. Lake Forest, Ill.

SITUATION WANTED—In wholesale or retail store in Chicago; experienced in cut flowers and retail store work. Address No. 59, care Florists' Review, Chicago.

WANTED—A good reliable man for first-class retail florist store; one who is a good salesman and designer; must be well educated and neat; state salary, age and reference; a good position for the right party. Address No. 57, care Florists' Review, Chicago.

FOR SALE—5 000 feet of glass, stock, etc.; winter's coal at half value, in a factory town of 5,000; established trade; no competition. Jas. R. Johnston, Dunkirk, Ind.

SITUATION WANTED—By an experienced violet and rose grower. Address No. 60, care Florists' Review, Chicago.

SITUATION WANTED—Store work, Dec. 1; middle-aged, first-class designer; salesman, capable taking charge; excellent references. Address No. 61, care Florists' Review, Chicago.

WANTED—German, middle age preferred, for retail place. F. Wm. Heckenkamp, Jr., 6th and Adams Streets. Quincy, Ill.

FOR SALE—A very desirable greenhouse property in good condition, planted to about 7,000 roses in good condition, and about 4,000 carnations in fine condition; age and broken down in health cause of selling. If interested write Law Floral Co., Shelbyville, Ind.

SITUATION WANTED—By a first-class storeman, decorator, designer in up-to-date store, or would take charge of retail greenhouse plant; age 28; life experience in all lines; best of references given. Address No. 58, care Florists' Review, Chicago.

FOR SALE—3½-in. boiler tubes, 14-foot lengths, extra quality, 8 cents per foot. Nemaha Greenhouses, Seneca, Kansas.

WANTED—A willing worker for general greenhouse work; cut flowers and plants; must not be afraid of work; state lowest wages. Address, Gelven & Son, Sedalia, Mo.

WANTED—A man for general greenhouse work; to grow carnations, chrysanthemums, spring bedding plants and Easter forcing bulbs; must come at once and must be sober and industrious. Address, Daniel E. Gorman, 839 High Street, Williamsport, Pa.

FOR SALE—No. 16 H tchings hot-water boiler in good condition; $50.00 cash, f. o. b. Draper & Clark. Greensburg, Ind.

SITUATION WANTED—As working foreman; German, single, sober, age 35; first-class grower of cut flowers and pot plants; designer; please state wages; good reference. Address, No. 56, Care Florists' Review. Chicago.

SITUATION WANTED—By an experienced grower, propagator and capable of taking charge or the management of a small florist establishment; middle age, single. Address Wm. Kirkham, 1967 West Madison Street, Chicago. Ill.

FOR RENT—Four greenhouses and dwelling, 6 000 feet glass steam heat, well stocked with pot plants and vegetables, good home market, well located, 30 miles from Chicago, easy terms or will sell greenhouses and stock and lease land; only responsible parties need apply. Address, Crete Greenhouses, Crete. Ill.

SITUATION WANTED—By a good grower of cut flowers, in vicinity of Chicago; married, best of references. Address No. 46, care Florists' Review, Chicago.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 44, care Florists' Review, Chicago.

WANTED—A second hand Hitchings' No. 17 boiler, must be in good repair. Also ventilating machinery and 1500 feet of 4-inch pipe. Give prices first letter to James Hayes, 107 W. 8th Street, Topeka, Kansas.

FOR SALE—Greenhouses, perhaps the best paying thing in the Northwest: 4,000 feet of glass; cash only; write for particulars. Lester Park Greenhouse, Duluth, Minnesota.

FOR SALE—400 electrotypes for a complete seed and plant catalogue; also fruit and shrub cuts. Make me an offer; don't apply unless you want the lot. H. W. Koerner, Station B, R. 6, Milwaukee, Wis.

WANTED—At once, competent carnation grower; single; state wages, with room; give references. South Bend Floral Co., South Bend, Ind.

WANTED—Thoroughly competent and experienced propagator, principally roses and carnations. Must be capable of showing good results. State experience where last employed and wages wanted. Address, Lake View Rose Gardens, Jamestown, N. Y.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—An experienced grower of roses, carnations, mums and bedding plants; steady work for a steady worker; must be sober and reliable man; well recommended; north of Chicago. Address No. 38, care of Florists' Review, Chicago.

SITUATION WANTED—As foreman by a first class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 50, care Florists' Review, Chicago.

WANTED—A good all-round gardener for a private place; must understand grape culture under glass and must be temperate; salary, $50 00 per month with 7 room house; Scotch or English preferred. Address, No. 49, care Florists' Review, Chicago.

Situation Wanted

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; can furnish good references.

Address No. 47, care Florists' Review, Chicago.

Wanted-

A good, reliable young man, up to date in floral work of all kinds and must be a good salesman for a first-class retail store. Must be able to take care of small conservatory, etc.; state salary wanted and reference from last place; permanent position for right party. Address No. 43, care Florists' Review, Chicago.

FOR SALE.

1000 ft. 1¼-inch pipe at 6c per ft., 100 ft. 2-inch at 8c per ft., 258 ft. 3-inch at 12c per ft.; 5 3-inch valves, globe and brass sockets, at $3.00 each; 2 2-inch globe valves at $1.50; 4 1¼-inch globe and brass valves at $1 50 each; 100 assorted fittings, lot $8.00; 4 ¾-inch brass globe valves at 75c each; the whole lot f. o. b. $1.25. This is all sound pipe, practically as good as new, been in use short time, some not used at all; is cheap enough to buy and lay away, it is less than half-price.

PORT-AU-PECK GREENHOUSES,
Long Branch City, N. J

CARNATIONS!

ROSES=BEAUTIES

FANCY MUMS!

Yellow and White, strictly large and fancy, $2.50 to $3.00 per doz.

CHRYSANTHEMUMS!

Smaller grades, $10.00 to $12.50 per 100. All colors at all prices.

VIOLETS=VALLEY

AND ALL

Cut Flowers in Season

Smilax, Leucothoe, Galax, Sprengeri, Asparagus.

Our reputation has always been that we fill orders when others fail.

PRICE LIST.

	Per doz.
AMERICAN BEAUTY—	
30–36 inch stem	$3 00
24-inch stem	2 50
20-inch stem	2 00
16-inch stem	1 50
12-inch stem	1 00
Short stem	per 100, $3 00 to 5 00
	Per 100
Brides and Maids	$2 00 to $5 00
Meteors and Gates	2 00 to 5 00
Liberty	3 00 to 6 00
Violets	60 to 1 25
Carnations, select, all colors	1 00 to 1 50
" large and fancy	2 00 to 2 50
Mums, large fcy, doz., $2.00–$2.50	
" medium, " 1.25– 1.50	
" small	4.00 to 6.00
Valley	2 00 to 4 00
Asparagus, per string, 40c to 50c.	
Asparagus Sprengeri	2 00 to 3 00
Ferns per 1000, $1 25–$1.50	15
Galax—Green, " 1 25	15
" Bronze " 1 50	
Leucothoe " 6 00	75
Adiantum	75
Smilax per doz. $1 50	

Subject to change without notice.

.....NOVEMBER SALE.....

The Wire Work sale is closed, but during the month of November we will offer special prices on other staple goods, as follows:

WHEAT SHEAVES, 25 per cent off. CYCAS LEAVES, all sizes 33⅓ per cent off.

The above offer is made on any catalogue issued in Chicago, our firm's or other's.

Best White Wax Paper, 24x36, Ream 400 count, $1.60 net.

KENNICOTT BROS. CO.

Wholesale Cut Flowers,

40, 42 and 44 Randolph Street, CHICAGO, ILL.

CHRYSANTHEMUMS!

A BIG CUT, ALL COLORS, AT ALL PRICES.

CURRENT PRICES, SUBJECT TO CHANGE.

AMERICAN BEAUTY.	Per doz.
30–36-inch stem	$3 00
24-inch stem	2 00
20-inch stem	1 50
16-inch stem	1 25
12-inch stem	1 00
Short stem	per 100, $3 00 to 4 00

ROSES.	Per 100
Brides and Maids	$2 00 to $6 00
Meteors and Gates	2 00 to 6 00
Liberty	3 00 to 6 00
Kaiserin	3 00 to 6 00
CARNATIONS—Good stock	1 00 to 1 50
" Large and fancy	2 00 to 3 00

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

Mention The Review when you write.

TORONTO.

The Market.

Trade around town during the past week has been very slow and those who wished to put the best face possible on matters had to admit that it was very erratic. The wholesale men report shipping trade fairly good. Chrysanthemums have been rushed in and every market gardener who has any greenhouses usually has them filled with early mums, which come in at about this time and overstock the market. The best stock of large varieties has found fairly ready sale, but such varieties as Ivory, Pacific, etc., have been wholesaled during the week as low as $1 per hundred for fairly respectable stock. We expect, though, that next week this stock will be off the market and we hope the demand will be better when the elections are over. Roses are very plentiful, as is the regular occurrence at this time. Carnations, supply and demand about equal. Violets are of good quality and fairly plentiful. Bulbous stock is commencing to come in. Paper Whites and Roman hyacinths were brought in during the week in fairly large quantities and are finding ready sale.

Exhibition Plans.

Elaborate preparations are being made for the big fruit, flower and honey show to be held in Toronto November 15 to 19. This is being conducted on similar lines to what is known as the winter live stock show at Guelph, in which great interest is taken. This exhibition is being aided by the government, and it is expected, with the lectures and demonstrations that will be made, that it will be one of the most interesting and educational shows that has ever taken place in Canada. Anyone wishing special information should write to the secretary, H. B. Cowan, Parliament building, Toronto. D. J.

Marion, Ind.—Gunnar Teilmann is giving a flower show at his greenhouses these days. He is growing fifty-five varieties of chrysanthemums, only a few in any quantity, however.

Palmer's Red Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

THE STORRS & HARRISON CO.

PAINESVILLE NURSERIES

Catalogues and price list free on application.

PAINESVILLE, OHIO.

Mention The Review when you write.

VAN DER WEIJDEN & CO.,
"The Nurseries," BOSKOOP, HOLLAND,

Have to offer **EXTRA FINE Blue Spruces** (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.

Catalogue free on demand. No agents. For the trade only.

Mention The Review when you write.

FOR SPECIAL THANKSGIVING ADVERTISING

The Weekly Florists' Review

NOVEMBER 10th AND 17th

(The former the Annual Autumn Number.)

WILL BE

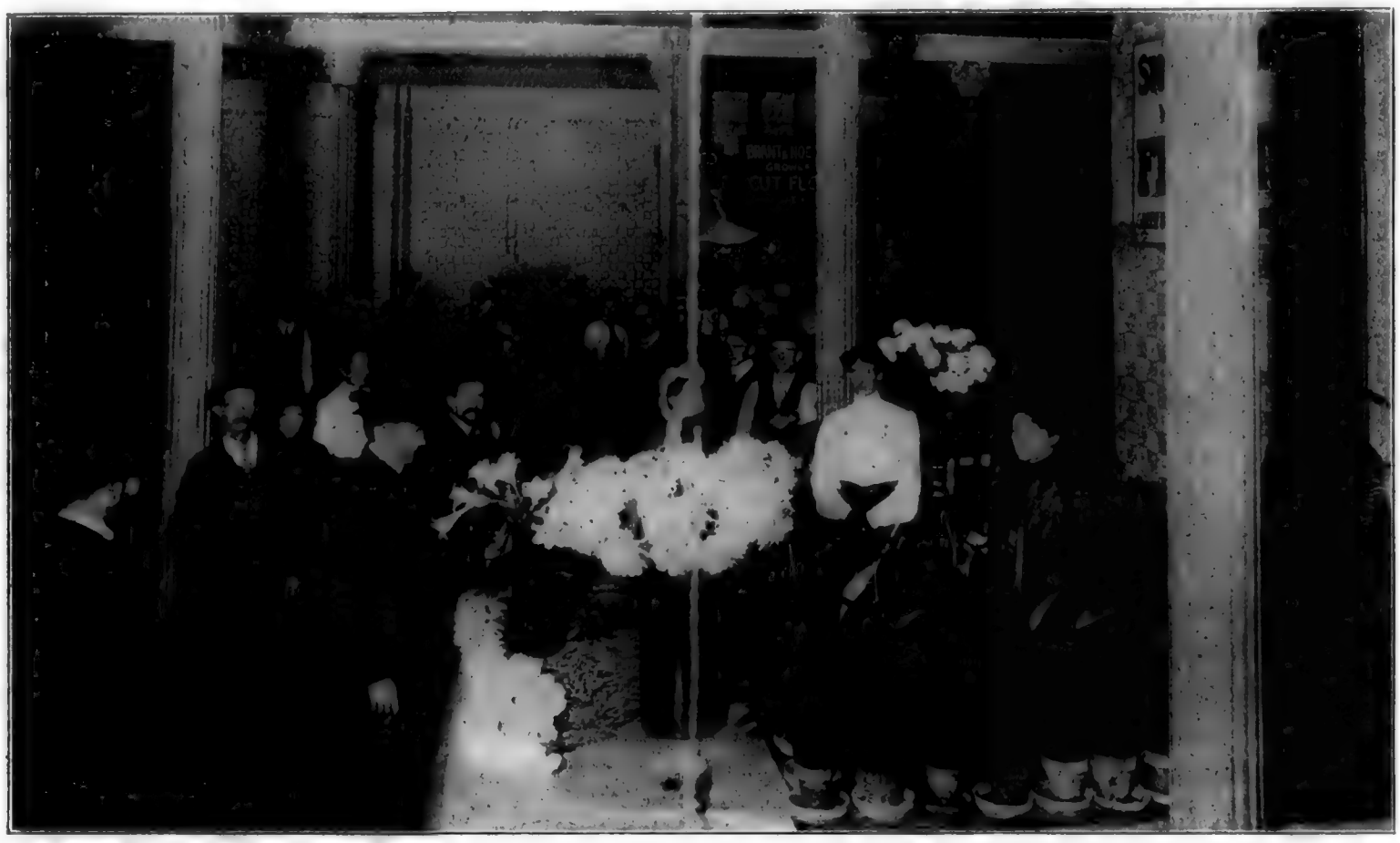
JUST RIGHT

Earlier Issues would have been too soon, later issues will not reach the trade in time.

THANKSGIVING IS NOVEMBER 24TH!

Davenport, Ia.—Forbes & Bird have a Ponderosa lemon in the window of their flower store at 323 Brady street. One of the fruits is thirteen inches in circumference.

Omaha, Neb.—In June, 1902, a defective sewer flooded Louis Zadena's boiler room and greenhouse in South Omaha. He sued the city for $600, but last week settled for $115.20.



A VIEW IN ONE CORNER OF THE FLOWER GROWERS' MARKET, 58-60 WABASH AVE., CHICAGO.

(ANOTHER VIEW WAS SHOWN LAST WEEK. ALSO SEE NEXT WEEK'S REVIEW.)

THE TENDENCY everywhere is for the buyers to seek to get into closest touch with the sources of supply and in the Chicago market the city buyers, who are constantly on the ground and in touch with the situation, go first each morning to the Flower Growers' Market, 58 to 60 Wabash Avenue, to supply their wants. Here on one floor they find set out for their convenient inspection more stock than is received in any other wholesale house in the West, including everything which is to be found anywhere else, and many things which are not to be had elsewhere; all stock reliably fresh, for everyone sells out clean each day at the prevailing market price. And, best of all, here they come into personal relations with the man who produces the goods, and find in him one who has learned that to do profitable business you must see that your customer, too, makes a profit from your goods. It being true that the Chicago buyers are best satisfied with buying at the Market, does it not follow that you, Mr. Out-of-Town Buyer, would find the growers at the Market your most dependable source of supply? Give any one on the floor your standing order and he has the whole resources of the Market to draw upon, and can meet all requirements as to quality and quantity as well for you as he can for the city buyers. And your interests will be his interests, you may rest assured of that. As a matter of fact, the growers represented at the Market are taking good care of a great many of out-of-town buyers whose patronage is so highly valued that, with every facility for so doing, new buyers will be afforded every consideration which has gained and held the older patrons. The Market can take good care of the largest order, but no order is too small to receive careful attention.

THE PRESENT STAND-HOLDERS IN THE MARKET ARE:

Beu, Frank,
Blondeel, F. Co.,
Brant, D. Wood,
Chicago Carnation Co.,
Crabb & Hunter,
Des Plaines Floral Co.,
Downers Grove Floral Co.,
Hills, Fred R.,
Johnson & Carlson,
Jones, Percy, Growers' Representative,
Moore, N. C. & Co.,
Sinner Bros.,
Stollery Bros.,
Swanson, John A.,
Then, Anton,
Tonner, Walter L.,
Vaughan & Sperry, Florists' Supplies and Growers' Representatives,
Vaughan's Seed Store,
Wiffin, Chas.

COME IN ANY TIME AND SEE FOR YOURSELF WHAT OUR FACILITIES ARE.

THE FLOWER GROWERS' CO.

58-60 WABASH AVE. PERCY JONES, MANAGER. CHICAGO, ILL.



Field of Sweet Peas in Bloom at Gilroy Farm of C. C. Morse & Co., Santa Clara, Cal.

Vegetable Forcing.

RADISHES.

Successional sowings of radishes should be made, according to demand. When a continuous supply is to be kept up a sowing will be necessary about every week or ten days, as that is about the length of time a crop will last from the time gathering commences. If the seed is sown thickly the time would be considerably extended, but the result would be a much inferior article. If maturing is delayed through crowding, soft, pithy, badly shaped radishes are invariably the result.

After making sure that the seed is good or ascertaining just what percentage can safely be depended on to germinate, the seed should be sown just thick enough so that every individual radish will have room to develop without being crowded. Sown thus the whole crop should mature within a week. Of course there will be a few small ones left but it does not pay to keep the bench waiting for them to mature. Better sacrifice them and put in another succession.

Before sowing again the soil should be forked over and well broken up and if green fly has made its appearance on the former crop, the surface of the soil had better get a liberal dusting of tobacco powder, which should be left over night to kill any of the pests that may be crawling around. When the soil is forked over next day the powder will necessarily be forked in, but it will not do any harm and will serve as a manure.

Radishes being a quick maturing crop, and what might be called a light feeder, it is unnecessary to have a heavy, rich soil for them. The lighter and freer the soil is the nicer and cleaner the product will be. A liberal supply of water is necessary, but this has to be regulated according to the lightness or retentiveness of the soil. Regarding temperature, I have found 45 degrees by night, with a rise of 15 degrees by day, the most suitable. A higher temperature will not facilitate matters much, but is sure to be productive of green fly and other insect pests.

Although I experimented with several varieties during the last season I found nothing better suited for forcing than the variety I recommended last year, Non Plus Ultra. This is a very dwarf topped, quick maturing variety, firm fleshed and well flavored.

W. S. Croydon.

TOMATOES.

Please tell us of a good soil compost for tomatoes. To what height do Eclipse, Stirling Castle and Sutton's Best of All grow if planted the first week in November? B. P. T.

In mixing our compost for tomatoes we use three loads of good fibrous sod to one load of partially decomposed manure. This is composted at least six months before being used, and is chopped up and thoroughly mixed just previous to using.

The varieties of tomatoes mentioned will grow to a height of eight feet or over if trained to a single stem and allowed to do so, but the tops can be pinched out and the plants restricted to any height desired over four feet. Under this height the plants would be too short to produce a profitable crop.

W. S. Croydon.

DATE OF EASTER.

It is well to not lose sight of the fact that next year Easter is very late, April 23, three weeks later than in 1904.

MOLES.

I have moles in my lawn and would like to have some one tell me how to get rid of them. I have six mole traps, each guaranteed to do the work, but I cannot get one in them. J. A. B.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

A TOUR AMONG CALIFORNIA SEED GROWERS.

Continuing our tour of inspection north from Arroyo Grande, the next point of interest is Gilroy. Here is located an extensive ranch of C. C. Morse & Co., who also have large interests at Santa Clara and "up the river." The test ground of this firm is carried out on a large scale. There is not a variety of lettuce but what is known to them by actual test. New varieties of sweet peas and special stocks of garden seeds from all parts of the world are tested by experts, and the difference, or no difference, as the case may be, in this stock or that stock is tabulated and recorded. Here the synonym is found and the variety classed. The proper information is handed out to any who are considered entitled to it, or kept in a sealed package for future reference.

The years of observation and experience of this firm place them at the front among California seed growers, and what is not known by them in relation to the business of seed growing in California is hard to find out. Their operations cover the whole field of the standard seeds as grown in California, and their inside label is thought to be as safe a guarantee of the contents of the bag as can be had.

Six miles south of Gilroy is Sargent, where Waldo Rohnert operates. This young man has been quite successful as a grower. Onion seed, lettuce, sweet peas, etc., are grown by him in large quantities and the opportunities for branching out are of the best. At the time of the writer's visit to his place he had in addition to his

SUZUKI & IIDA

Chinese Sacred Lilies
Japan-Grown Callas

ON HAND NOW. PRICES ON APPLICATION.

31 BARCLAY STREET,
NEW YORK.

Sargent ranch some plantings "up the river" from which he expected considerable.

The next point is Santa Clara, the home of all the pioneers in seed growing. San Jose, being only a suburb in importance, answers for a stopping place. The street cars connect the two. San Jose is the headquarters of the Braslan Seed Growers' Co.; that is one good reason it is on the map. It is a good place to put up at any way, and is a beautiful city.

W. J. Fosgate, who operates on the Stockton ranch, was the first grower visited at Santa Clara. He is what is termed a new grower, compared with the pioneers. He is making good progress, has every opportunity to push the business along and is coming to the front. He grows onion seed, lettuce, radish, etc.

J. M. Kimberlin & Co., whose title to "pioneer seed growers of California" is not disputed, do themselves credit. They have operated in the Santa Clara valley for twenty-five or more years and have seen the industry grow from a small beginning to its present huge proportions. They have been able to keep up with the procession and grow everything that the others do on quite a large scale.

The head office of C. C. Morse & Co. is at Santa Clara. In connection with their office they have a fine warehouse on the main street of the town and its appointments and facilities are right up to date. The original Morse ranch is located about a mile or so from their warehouse.

Chin ah Coon, a Chinaman, until within a year back was something of a factor in seed growing at Santa Clara. His operations were Americanized and his fields compared favorably with others in the locality. Now, it is said, he has gone back to China to enjoy the use of the money he acquired as a seed grower. As laborers, Chinamen have been important adjuncts to seed growing in California, and in this capacity they still cut a figure. It is noticeable, however, that the average Chinese laborer now on the seed ranch is getting old, and as recruits from the Celectial empire are barred from entry, the time will soon come when the Chinaman will no longer be available. This circumstance is regretted by many of the growers.

There are many other men and scenes of interest in the vicinity of Santa Clara. What some of the best known men in the seed growing industry are doing there will be told next week, for to include them all in this installment would make it far too long.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

Mention The Review when you write.

SEED GROWERS
OF
Sweet, Field and Pop Corn, Cucumber, Melon and Squash Seed
We have a Surplus to offer. Be kind enough to ask for SAMPLES and PRICES before Placing Orders.
A. A. BERRY SEED CO., : : : CLARINDA, IOWA

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LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO

Mention The Review when you write.

Burpee's Seeds Grow

PHILADELPHIA.

The past week has been a very active one in all kinds of seasonable bulbs. Roman hyacinths and Paper White narcissi are well cleaned up in the larger sizes. Double-nose Von Sion, crocus, and Lilium candidum are in short supply. The outlook for red clover seed is not assuring; prices tend upward in view of the short crop in this and other states. Foreign countries offer us no hope. Russia and Hungary are the largest producers of red clover seed among the European countries. Late reports from Russia are to the effect that there will not be over thirty-five per cent of a crop, and Hungary only fifteen per cent. Austria, Italy, France and Germany will not have over forty per cent of a yield. It is said that Great Britain will be a buyer

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.

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Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.



Freesia Bulbs!

	100	1000		100	1000
First Size, ⅝-in and up.	$0.75	$6.50	Mammoth.....	$1.00	$8.00
Extra " ¾-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

to the extent of at least 15,000 tons, which in all probability will have to come from America. As to white clover, Europe has produced a good crop and prices are easier than earlier in the season. The crop of Turkestan alfalfa is small and not of good quality. The crop of alfalfa in European countries is said to be fully up to the average.

Visited Chicago: Mr. Crossland of the Steele-Briggs Seed Co., Toronto, Canada.

California shipments of lettuce, onion, etc., are arriving at the different eastern centers.

Rocky Ford muskmelon seed is not to be one of the scarce stocks this year. There seems to be an abundance of it.

F. Barteldes & Co., Lawrence, Kans., have been awarded a gold medal on their exhibit of field seeds at the St. Louis World's Fair.

Most of the farmers in the northern Wisconsin district have completed deliveries of peas. In many cases the returns are quite disappointing.

Bulletin No. 51, part 5, issued October 14 by the Department of Agriculture, contains some valuable tables of the customary and legal bushel weights of seeds.

The situation on the beans is a trifle better this week. Threshing is well under way and deliveries from the farmers have begun to arrive at the cleaning warehouses.

The green picking in the Wisconsin woods has been retarded by much wet weather. The prospect is that the market will open strong, as the delay will make the buyers anxious.

BOSTON SEED TRADE BOWLERS.

The following scores were made October 31:

Schlegel & Fottler.	1st	2d	3d	T'l
Gates	77	86	78	241
Cahill	84	68	67	219
Brickley	61	79	56	196
Woods	65	71	72	208
Guerineau	68	79	91	238
Totals	355	383	364	1102
Rawson & Co.	1st	2d	3d	T'l
Chenery	73	55	63	191
Taylor	70	68	70	208
Field	56	51	68	175
Warren	71	60	56	187
Perry	73	76	85	254
Totals	343	310	342	1015

SEEDS IN POLITICS.

The democrats are making a campaign issue of the government seed order, or, more specifically, of the last order put up under the old contract system. The following is from the New York World of October 4:

When Secretary of Agriculture James Wilson makes his campaign speeches in New York state during this month he may explain the free-seed distribution of 1902.

A. C. Nellis, president of the New York Market Gardeners' Association, of West Brighton, S. I., claims that Secretary Wilson not only refused to award the contract for $180,000 worth of seeds to the lowest bidder, but by manipulating the schedules and by private letting gave the Henry Phillips Seed and Implement Company, of Toledo, a profit of $40,000 of the government's money. Secretary Wilson has refused to discuss the matter of the contract for the seed for 1902.

Proposals for seeds for the fiscal year ending June 30, 1902, were sent out November 20, 1900, and closed December 12, 1900. The proposals called for precisely the same quantities and character of seeds as the distribution then being put up. This amounted to 23,961,168 packets of garden and flower seed. The proposals stated that the bids were in "anticipation of an appropriation act," etc. The lowest bid was for $4.16½ per 1,000 packets and was verbally awarded to the New York Market Gardeners' Association, subject to the appropriation to be made. The new appropriation was made about March 1 and increased the usual appropriation about $100,000, and contained a clause making it mandatory for the Secretary to expend at least $180,000 for seeds for distribution.

Secretary Wilson set aside the bids and schedules of December 12, 1900, and on March 5, 1901, had a new schedule of seeds prepared, reducing the proportions of expensive seeds, such as beans, corn, peas and onions, and adding cheaper families of seeds, thus considerably reducing the cost of the bulk. These expensive seeds were reduced about fifteen per cent, and Secretary Wilson is charged with arbitrarily increasing the price per thousand packets to $4.70.

This action was taken without warning the seedsmen interested in the contract, nor was any opportunity given them to bid on the revised and cheapened contract.

About the middle of April of that year, Mr. Nellis claims Secretary Wilson entered into a private contract with the Phillips Seed and Implement Company, of Toledo, by which an excessive profit was made, as claimed by Mr. Nellis. It is fair to add that Mr. Nellis may be a prejudiced witness, as he has been charged with irregularities in a previous contract with the Department of Agriculture.

Representative Fitzgerald, of Brooklyn, introduced a resolution in the House calling for an investigation of the letting of this contract and of former contracts, but the matter was pigeon-holed in the Committee on Agriculture.

Selected Named **Dutch Hyacinths** Exceptional Quality

$3.60 per 100; $34.00 per 1000.

Almost as large as the **First Size Bulbs** at one-half their value.

NOTE—As this is an unsually low offer, Bulbs will be sold only in equal proportion of colors.

RED AND PINK	RED AND PINK	WHITE AND BLUSH	BLUE
Chas. Dickens	Norma	Mme. van der Hoop	Czar Peter
Gertrude	WHITE AND BLUSH	Maid of Orleans	Grand Maitre
Giganteum	Alba Superbissima	Grand Vedette	Grand Lilas
Roi des Belges	Grandeur A'Merveille	BLUE	Queen of the Blues
Robert Steiger	La Grandesse	Baron van Thuyll	King of the Blues
Baron van Thuyll	L'Innocence	Chas. Dickens	

See our BULB OFFER in last week's Review

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

CYCLAMEN RAWSON'S ROYAL STRAIN GIGANTEUM

The Acme of Perfection. Unsurpassed in Substance, Size and Color. We can offer fresh crop of Seeds in the following colors: Pure White, Soft Pink, Salmon Pink, Brilliant Crimson, Bright Red, Delicate Mauve, White with Claret Base.

Per 100 Seeds, $1.00; per 1000 Seeds, $9.00. Quantity Limited.

W. W. RAWSON & CO., Seedsmen, 12 Faneuil Hall Square, Boston.

Mention The Review when you write.

Thorburn's Bulbs

JAPAN Lilium Longiflorum

NOW ON HAND.

— ALSO —

LILIUM HARRISII and ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.

Areca Lutescens....at $3.00 per 1000

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

REES & COMPERE

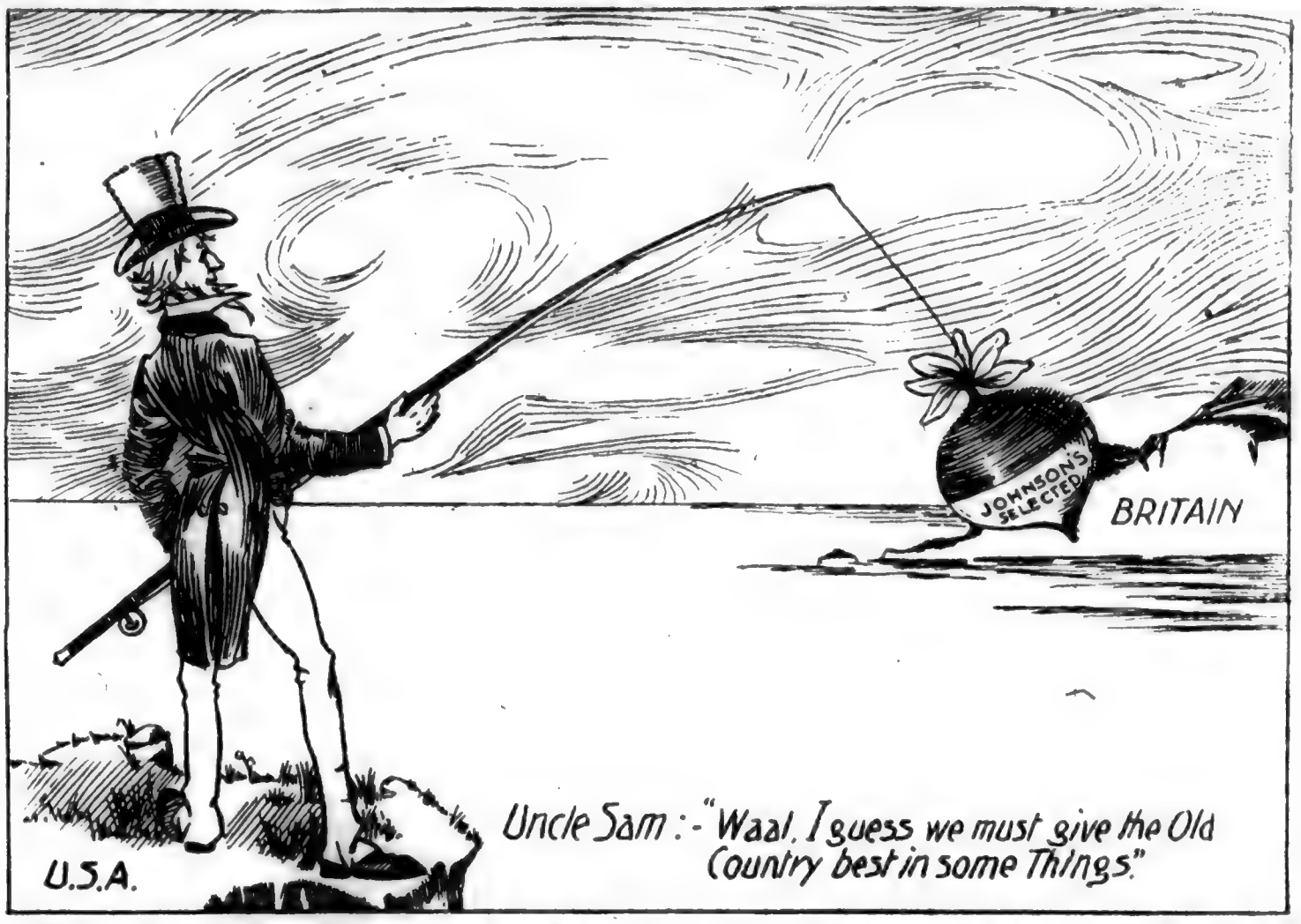
POST OFFICE ADDRESS:

LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of FREESIA BULBS in the U. S.

Specialties—Freesias, Grand Duchesse Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chilidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

There is now pending in the Court of Claims at Washington a claim for some $18,000 of the New York Market Gardeners' Association, which Mr. Nellis claims Secretary Wilson has unlawfully retained.



W. W. JOHNSON & SON, Ltd., BOSTON, ENGLAND

GROWERS AND EXPORTERS TO ALL PARTS. INVITE CORRESPONDENCE FROM THE SEED TRADE OF THE UNITED STATES.

Mention The Review when you write.

BEGONIAS Tuberous Rooted. Our Gold Medal Strain; Splendid Tubers, ready for shipment about November 25. Single, in five separate colors $3.00 per 100; $27.50 per 1000; finest mixed, $2.75 per 100; $25.00 per 1000. Double, in five separate colors, $4.00 per 100; $37.50 per 1000; finest mixed, $3.75 per 100; $35.00 per 1000.

HUBERT & CO., Ltd.

N. LE PAGE, Rep. MT. VERNON, N. Y.

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Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

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Bruns' Valley

STANDARD OF QUALITY

Finest PIPS from cold storage, $1.75 per 100; $15.00 per 1000; $35.00 case of 2500.

FANCY CUT VALLEY, there is none better.

H. N. BRUNS,

1409 to 1411 W. Madison St., CHICAGO.

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VREDENBURG & CO.

ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Mammoth Freesia

$6.00 per 1000, regular price, $8.00 per 1000. This Freesia is choicest French stock, noted for its pure white flowers; a real bargain at above price.

Select Callas

Plump, round bulbs, 2½ inches in circumference; suitable for a 6-inch pot. We recommend them. Price $5.50 per 100, $50.00 per 1000.

Henry F. Michell Co. 1018 Market St. **Philadelphia**

Mention The Review when you write.

50,000 FREESIAS!—BERMUDA GROWN

25,000 FREESIA Refracta Alba, ⅜-inch diameter.....per 1000, $2.00
25,000 FREESIA " ½-inch " .....per 1000, 4.00
BAMBOO PLANT STAKES—Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc 5 feet and over, ¼ to ⅜ in., per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, ¼ to ⅜ in..... " 3.25; " 6.00; " 11.00.
POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

Mention The Review when you write.

WHITE ROMANS

	Per 100	Per 1000	Case
Bulbs 12-15 cms.	$2.75	$24.00	2000 for $47.00
Bulbs 13-15 cms.	3.25	28.00	1800 for 49.00

ARTHUR T. BODDINGTON, SEEDS, BULBS AND PLANTS, 342 WEST 14th STREET, **NEW YORK**

PACIFIC COAST.

AMONG ROSE GROWERS.

I have visited, within the past two weeks, several dozen of the largest rose growers in the vicinity of San Francisco and a few of my observations in regard to what can be expected for the coming four months may be of interest to the florists and wholesalers.

As soon as the chrysanthemum crop is harvested we will have to rely on indoor flowers, except for some kinds of bulbous stock and carnations and roses are, of course, of the greatest interest. From what I have seen of the latter there is practically no increase in the plantings this season. Many of the growers who devoted their houses to the growing of Beauties are planting Maids and Brides instead. I have seen only a half dozen good ranges of Beauty that appear as though they could be depended on to produce fancy stock, although there are a good many thousand planted in this neighborhood. With Brides and Maids the conditions are more favorable to a good winter supply and I do not think there will be a great scarcity at any time. In quantity, there are more planted than last season. Although the majority of the stock now being cut is short and weak-stemmed the prospects are for plenty of good flowers in the near future.

Some growers have discarded Liberty this season, although I do not see anything at present to take its place. There is considerable difference of opinion among our largest growers regarding this rose. Some claim that it is a money-maker and others do not succeed well with it, although it has superseded Meteor almost entirely. Queen of Edgely has been planted in a few places with fair results. Pres. Carnot and Ulrich Brunner are in for a good deal of bench room and the stock looks well.

There is nothing new being planted extensively in the line of roses this season. A few growers have imported some of the newer eastern roses but not in sufficient quantity to form a decided opinion as to their merits. Perle des Jardins is a splendid yellow rose but I find it growing in only a few places. The florists seem to be able to get along without yellow roses and no one makes a specialty of them. Cecil Brunner is a paying variety in a good many places and is extensively grown by a few. This is about the end of the list of varieties.

There are a good many houses changed to carnation growing, that formerly were filled with roses and vice versa, although the great majority of glass is devoted to pinks and I will give a few observations on the plants and varieties grown here in my next letter. G.

SAN FRANCISCO.

The Market.

Business is very quiet, and has been so for the past month. It is not as good in a general way as it was a year ago and the prospects are not very encouraging. Some retailers are inclined to think the approaching election has something to do with it and that possibly after the fun is all over receipts will be heavier. The wholesalers and growers are feeling the quiet times also and the price of flowers has fallen considerably from those of a month or six weeks ago. Under ordinary circumstances flowers should bring a good price at the beginning of November but this year is an exception. Of course it must be kept in mind that we are having extremely favorable weather for all kinds of growing stock and the great abundance of flowers of all descriptions would be offered in far less quantity had we had a few sharp frosts. But our time will probably come and we will sigh for the days when we caught a glimpse of the sun and it was not necessary to keep heat going twenty-four hours a day. There is a good demand only for fancy roses and they are not to be had in quantity. Beauties are not yet first-class. Carnations are plentiful and will be a glut until the greater portion of the chrysanthemums are over. Mums are in their prime and they are as fine as I have ever seen them. The weather has particularly favored the growers this season. Violets are plentiful, although there is no surplus. Other outdoor flowers are on the wane, except cosmos. Sweet peas have all but disappeared. Valley and lilies are in fair supply and a few narcissi are being offered. All sorts of bulbous stock will be in season earlier than usual this year.

Various Notes.

John C. Siegfried, the orchid grower of Alameda, is expected home from Chicago about the end of November.

L. E. McKenney, of Irvington, is in town.

A. Duhem, one of our pioneer florists, is with L. Wickstrom, at his Market street store.

The Menlo Park Agricultural Association opened its floral exhibit this week and the large attendance already assures success. The association is composed of nurserymen, gardeners and superintendents of the different places of this locality, who are aided by their employers. A large tent has been erected, so that ample room may be afforded for a big display. The tent is 250 feet in length and 160 feet in width. S. Clack, M. Lynch, P. C. Meyer, Redwood Nurseries, Fair Oaks Nurseries, Sherwood Hall Nurseries and Woodside Nurseries are among the large exhibitors. G.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000.
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000		100	1000
Queen Louise, fine white	$1.20	$10.00	Armazindy, barred	$1.00	$8.00
Alba, large white	1.40	12.00	Mrs. Joost, pink	1.20	10.00
America, red	1.00	8.00	Lawson, pink	1.40	12.50
Mrs P. Palmer, big scarlet	1.20	10.00	Pres. McKinley, pink	1.40	12.50
G. H. Crane, scarlet	1.20	10.00	Success, light pk.	1.20	10.00
Eldorado, yel.	1.20	10.00	Harlowarden, crimson	1.40	12.50
Marshall Field, barred	1.40	12.50	Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O.D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

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ENCLOSED is a dollar to pay for another year of good reading and valuable information; we find it in the REVIEW.—L. THUBLIN, Mobile, Ala.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

HUNTSVILLE, ALA.—The six nurseries of this county are furnishing the railroads about all the traffic they can handle. All of the nurseries report the largest sales they have enjoyed in years.

FAIRBURY, NEB.—It is reported that a company will shortly be incorporated here, with $50,000 capital stock, to propagate and disseminate the Spencer seedless apple, originated by John F. Spencer, of Grand Junction, Colo.

THE proposed auxiliary channel connecting Evanston, Ill., with the Chicago drainage canal was planned to run through the Peterson nursery, Chicago. Various considerations, among them the prospect of a sharp fight in condemnation proceedings, has caused a change in route.

NORMAL, ILL.—The nursery business is now at its height, says the Phoenix Nursery. There seems to be about an equal demand for both ornamental and fruit stock. The season is starting out very well, the stock being in good condition. They have about 600 acres in cultivation. At present they are working about 125 men. The packing season ends about December 1, but goods will be shipped to agents over the country all winter. From indications at present there will be a large demand for small fruits in the spring. The other nurseries in Normal, including Augustine & Co., Custer Bros., George J. Foster, are also shipping large quantities of stock.

T. R. WATSON

1840 **Old Colony Nurseries** 1904

PLYMOUTH, MASS., U. S. A.

	Per 100	Per 1000
Lonicera Japonica (type)	$6.00	$50.00
Symphoricarpos Racemosus	6.00	50.00

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FINE VARIETIES. Low Prices.

For both wholesale and retail trade.

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	Per 1000
20,000—3-year, cut back, heavy, 2½ to 3½ ft.	$30 00
35,000—2-year, 2 to 2½ ft., strong	20.00
30,000—1-year, 12 to 18 inches	12.00

	Per 1000
10,000—Golden Elder, 3-year	$60.00
10 000—Euonymus, 1-year, 12 to 15 in. high	60.00
10 000—Box Edging, 3 to 4 inches high	50.00
1,500—Hydrangea Rosea, 1-year cuttings	60.00

EISELE'S HARDY, LARGE, FIELD-GROWN PERENNIALS.

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Achillea The Pearl	$5.00
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Aquilegia	5 00
Santolina, large	6.00
Clematis, white, strong	6.00
Coreopsis Lanceolata	4.00
Dianthus Barbatus	5.00
Funkia Caerulea	4 00
Gaillardia Grandiflora	5.00
Helianthus Maximiliani	4.00

	Per 100
Delphinium, Formosum	$5.00
Hollyhocks, double, white, red, pink, yellow, 1 year	8 00
Hollyhocks, single, mixed	6.00
Golden Glow	3 00
Lychnis Haageana	5 00
Lychnis Chalcedonica	5 00
Monarda Rosea	5 00
Myosotis Palustris	3.00

	Per 100
Anthemis Tinctoria	$5 00
Heuchera Sanguinea	6.00
Stokesia Cyanea	5.00
Pyrethrum Roseum	5.00
Papaver Orientalis	5.00
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Digitalis Gloxinaeflora	6.00
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CALIFORNIA PRIVET.

Packing free.	Per 100	1000
50,000 3 years, 2½ to 3 feet	$3 00	$28.00
50,000 2 years, 3 to 4 feet	2.75	25.00
200 000 2 years, 2 to 3 feet	2.25	20.00
200.000 2 years, 20 to 24 inches	2.00	15.00
50,000 2 years, 15 to 20 inches	1.75	12.00
400,000 1 year, 12 to 18 inches	1.00	8.00
Cuttings, February and March, 8-inch		.75

200 Trees, 3 years, heads 4 to 5 feet.....20c each.
2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000

Palmetto and Barr's Mammoth, 2-year..$3.00
Palmetto and Barr's Mammoth, 1-year.. 2.50

Write for Trade List. Remember, packing free on Fall Delivery.

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WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
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CLEVELAND.

The Market.

The Cleveland market during the past two weeks has not been up to the usual standard. Business has not made the lively spurt expected after two heavy frosts, which made outdoor stock decidedly scarce. There have been several weddings of late, which called for some fine decorations, using considerable stock, but outside of this and a few funeral orders there is practically nothing doing.

The cut of tea roses has been quite heavy of late and the quality of stock is very good, possibly owing to the cooler weather. Carnations are not over-plentiful and an active demand is prevalent. Good prices are realized. Flowers show good substance and color. Lawson, Enchantress and Crane seem to be the most called for. Whites are scarce and not very good.

The chrysanthemums are having full play at present, which may account for the poor sales on roses. Some fine chrysanthemums are to be had at ridiculously low prices, considering the quality of the flowers. Blooms which ought to bring from $2 to $3 per dozen only find buyers at from $1 to $1.50 per dozen. It is hoped, as the season advances, better prices will be realized. It is a general opinion that after election business will assume a different attitude and the retailer and grower alike will wear that smile which won't come off.

Various Notes.

A visit to the various stores found them all gaily decorated with the queen of autumn. Gasser is using the massive effect, filling one large window with a solid color. It was nicely arranged and quite in keeping with their large store.

The Cleveland Floral Co., which recently opened a fine store on Euclid avenue, a little east of Gasser's, has a nice display of chrysanthemums and Boston ferns in one window and a show of bulbs in another.

Smith & Fetters, as usual, have a high class window, resplendent with chrysanthemums, Beauties and Piersoni ferns, all with good effect. Forest City.

REMEMBER THAT ALL
WABASH
Trains to St. Louis pass and stop at the World's Fair main entrance, where the Wabash has its own magnificent station with every facility for rapid handling of passengers, baggage and express. No other line lands you nearer than the Union Depot, six miles from the grounds.
This hint may be valuable to exhibitors at the **Great World's Fair Flower Show,** Palace of Horticulture, St. Louis, Nov. 7-12.
For time cards and rates address
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79 Adams Street . . . . CHICAGO

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VAUGHAN & SPERRY
58-60 Wabash Ave., CHICAGO
SELL IT RIGHT!
50-lb. Case.....$5.00
WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES OR SMALLER CASES
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TARRYTOWN, N. Y.

The regular meeting of the Tarrytown Horticultural Society was held October 26, President Ballantyne in the chair. I. H. King, Irvington, was duly elected an active member. Tracy Dow, Irvington, was elected an honorary member, G. Fresenius, Irvington, and J. Woodcock, Yonkers, were proposed for active membership.

Some very promising seedling chrysanthemums were exhibited at this meeting by L. Martin, Irvington, which were awarded honorable mention, with the recommendation that they be grown next year.

Several special prizes were thankfully received to be competed for at the November exhibition, November 1, 2 and 3.

The sad death of one of our most active and esteemed members, Franz S. Pammer, is deeply regretted by all members of the society. The funeral took place October 25 from the Second Reformed Church. T. A. L.

Biddeford, Me.—Chas. S. Strout has a rare combination of pets in his greenhouse, a woodcock and a cat. One destroys the worms and insects, the other the mice, and they live in perfect harmony, but some other means of exterminating the worms will be necessary if the supply of rodents should run short.

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SUCCESSOR TO CHARLES F. EDGAR & CO.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

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We want to buy in lots of 1000 to 10.000 each of the following: — **Tulips,** select mixtures; **Crocus, Hyacinths,** separate colors and mixed; **Narcissus,** all kinds; **Lilies.**

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Prices of larger stock upon application.

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Philadelphia, Nov. 2.

	Per doz.
Beauties, Specials	$3.00
" Extra	$2.00 to 2.50
" Medium	1.50
" Short	75 to 1.00
Queen of Edgely, Extra	2.00
" " Medium	1.50
" " Short	.75 to 1.00
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" " Ordinary	2.00 to 3.00
Liberty, Specials	5.00 to 8.00
" Ordinary	2.00 to 3.00
Kaiserin, Special	5.00 to 8.00
" Ordinary	2.00 to 4.00
Golden Gate, Special	5.00 to 8.00
" Ordinary	2.00 to 3.00
Meteors	2.00 to 6.00
Ideal	2.00 to 5.00
Perle	2.00 to 4.00
Sunrise	3.00 to 5.00
Carnations, Fancy	2.50 to 3.00
" Select	1.50 to 2.00
" Ordinary	.50 to 1.00
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" " Sprays	25.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Orchids, Cattleyas	40.00
" Dendrobium Formosum	40.00
" Oncidium	3.00 to 5.00
" Cypripedium	15.00
Bouvardias	2.00 to 5.00
Callas	10.00
Daisies, Yellow	.75 to 1.00
" White	.75 to 1.00
Gardenias	25.00
Mignonette	2.00 to 4.00
Pansies	.75 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Sing e	.25 to .35
" Double	.50 to .75
Chrysanthemums, Fancy, per doz.	3.00 to 4.00
" Select, "	1.50 to 2.00
" Ordin., per 100	4.00 to 8.00
Easter Lilies, per doz.	1.50
Paper Whites	3.00 to 4.00

WE can't afford to lose the REVIEW; it is "it."—ROBERT SCHULTZ, Madison, N. J.

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New York, Oct. 31.

		Per 100
Beauties,	Specials	$15.00 to $25.00
"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	4.00 to 6.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 5.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		20.00 to 35.00
Carnations, Common		.25 to .50
" Selects		.75 to 1.00
" Fancies		1.00 to 1.50
" Novelties		2.00 to 3.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri ...per bunch.		6.00 to 10.00
Lilies		5.00 to 8.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 12.00
Violets		.25 to .50
Chrysanthemums, Fancy		5.00 to 30.00
Chrysanthemums, Common		1.00 to 5.00
Tuberoses		1.00 to 2.00

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44 W. 28th St., NEW YORK.
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Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter. **Whitestone, N. Y.**

Quaint and curious Japanese plants on hand for shipment all the year around. Telephone Connection.

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Special facilities for handling large orders.

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Galax—Bronze or Green	$1.00 per 1000
Leucothoe Sprays	1.00 per 100
Southern Smilax, large case	$6.00

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NEW CROP Southern Wild Smilax now ready in limited quantities.

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Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.

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2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

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Boston, Nov. 2.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Short Stems	1.00 to 4.00
Brides, Specials	5.00 to 6.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	5.00 to 6.00
" Seconds	1.00 to 2.00
Carnots	2.00 to 6.00
Liberty	1.00 to 5.00
Kaiserin	2.00 to 6.00
Bon Silene	3.00
Cattleyas	30.00 to 40.00
Carnations, Specials	2.50 to 3.00
" Select	1.00 to 2.00
Chrysanthemums	5.00 to 20.00
Violets	.35 to .75
Lily of the Valley	2.00 to 4.00
Mignonette	3.00 to 4.00
Bouvardia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 10.00
Adiantum	.75 to 1.00

Buffalo, Nov. 2.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 7.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	1.00 to 4.00
Chrysanthemums	4.00 to 20.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.40 to .75

SYRACUSE, N. Y.—Gustav Bartholme reports trade as opening very satisfactorily this fall.

BASTROP, TEX.—The third annual flower show will be held November 17 and 18 under the auspices of the Ladies' Cemetery Association.

National Florists' Board of Trade

NEW MANAGEMENT. Tel. Call, 655 John.

HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.

EDWARD McK. WHITING, Vice-Pres. and Counsel.

JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 **NEW YORK CITY**

Mention The Review when you write.

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

Mention The Review when you write.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



EVERGREENS



FANCY and DAGGER FERNS,

GALAX — Brown and Green.

45 West 29th St., New York City.

LEUCOTHOE SPRAYS, HOLLY, PRINCESS PINE.

Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

HOLTON & UNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

Mention The Review when you write.

You will find ALL the BEST offers ALL the time IN THE Review's Classified Advs.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.

VAUGHAN & SPERRY
Wholesale Florists,
58-60 Wabash Ave., **CHICAGO.**
Write for special prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Nov. 2.

		Per doz.
Beauties, Long stems		$3.00 to $4.00
" 30-inch "		2.50
" 24-inch "		2.00
" 20-inch "		1.50
" 15-inch "		1.25
" 12-inch "		1.00
Shorts	per 100, $4.00 to $5.00	
		Per 100
Bridesmaids, Specials		$4.00 to $6.00
" Firsts		3.00
Brides, Specials	4.00 to	6.00
" Firsts		3.00
Liberty, Specials	5.00 to	6.00
" Firsts	3.00 to	4.00
Golden Gate, Firsts	4.00 to	5.00
" Seconds		3.00
Kaiserin, Firsts	6.00 to	8.00
" Seconds	3.00 to	5.00
Meteor, Firsts	4.00 to	6.00
" Seconds		3.00
Ivory, Firsts	4.00 to	5.00
" Seconds		3.00
Perles, Firsts	4.00 to	5.00
" Seconds		3.00
Chatenay	3.00 to	6.00
Carnations, Select	1.00 to	1.50
" Fancy	2.00 to	3.00
Chrysanthemums, good...per doz.	1.25 to	1.50
" fancy... "	2.00 to	4.00
Violets	.20 to	1.00
Callas	10.00 to	12.50
Paper Whites		3.00
Shasta Daisies	.50 to	1.00
Asparagus, Strings	35.00 to	50.00
" Sprays. ....per bunch,	.25 to	.35
Sprengeri. .... "	.25 to	.35
Ferns.....per 1,000, $1.25		.15
Adiantum Cuneatum	.75 to	1.00
" Croweanum		1.50
Smilax.....per doz.	1.50 to	2.00

Cleveland, Nov. 2.

		Per 100
Beauties, Specials	$20.00 to	$25.00
" Extra	10.00 to	15.00
" No. 1	8.00 to	10.00
" Shorts		5.00
Bride and Bridesmaid	2.00 to	5.00
Kaiserin	2.00 to	8.00
Meteors	3.00 to	5.00
Carnations	1.00 to	2.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri "	2.00 to	4.00
Chrysanthemums	8.00 to	20.00
Violets	.50 to	1.00
Smilax	12.50 to	15.00
Ferns, per 1000		1.50

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., **CHICAGO.**
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

SINNER BROS.
Wholesale Growers and Shippers of **CUT FLOWERS**
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., **CHICAGO.**
STANDING ORDERS SOLICITED.

A Daily Cut from 40 Growers.
We can and will fill your Cut Flower wants to advantage.
Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.
Shipping orders our Specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Most complete line of
FLORISTS' SUPPLIES
IN THE WEST.
—— CATALOGUE FREE ——
E. F. WINTERSON CO.
Established 1894.
45-47-49 Wabash Ave, CHICAGO.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of **CUT FLOWERS**
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of **Cut Flowers**
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
Mention The Review when you write.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. **CUT FLOWERS** CHICAGO
Mention The Review when you write.

Poehlmann Bros.
Wholesale Growers of and Dealers in **Cut Flowers.**
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., **CHICAGO.**
Write for special quotations on large orders.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Philadelphia Wholesale Flower Market.

CHRYSANTHEMUMS, Pink, white and Yellow.
FINE BEAUTIES, LIBERTIES, and DOUBLE VIOLETS.

If you want Flowers fresh from the growers, give us a trial.

Come and see the samples or send us your orders, large or small, and we will fill them promptly and carefully.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Nov. 2

		Per doz.
Beauties,	Specials	$3.00 to $5.00
"	Extra	1.50 to 2.50
"	No. 1	.75 to 1.00
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$5.00 to $8 00
" "	Extra	3.00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		5.00 to 8.00
Golden Gate		4.00 to 6 00
Kaiserin		5.00 to 8.00
Liberty		4.00 to 6.00
Meteor		4 00 to 6.00
Carnations, Common		1 00 to 1.50
" Select		2.00 to 2.50
" Fancies		2 50 to 3.00
Adiantum		1.00 to 1 25
Asparagus Plumosus,	Strings	25.00 to 35.00
" "	Sprays	1.00 to 1.50
" Sprengeri	"	1.00 to 1.50
Asters		.75 to 2.00
Chrysanthemums,	Select	20.00 to 25.00
"	Fair	3.00 to 15.00
Lily of the Valley		3.00 to 4 00
Smilax		12.50 to 15.00
Violets		.25 to .50
Paper White Narcissi		4.00

Pittsburg, Nov. 2.

		Per 100
Beauties,	Specials	$20 00 to $25.00
"	Extra	12.50 to 15 00
"	No. 1	8.00 to 10.00
"	Shorts	4.00 to 5.00
Brides and Maids		2.00 to 6.00
Cusin		2.00 to 4.00
Kaiserin		2 00 to 8.00
Liberty		3.00 to 6.00
Mme. Chatenay		2.00 to 6 00
Carnations		1.00 to 3.00
Adiantum Cuneatum		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 50 00
" "	Sprays	1.00 to 2.00
" Sprengeri	"	1.00 to 2.00
Chrysanthemums		4.00 to 25.00
Lily of the Valley		2.00 to 4.00
Violets		.50 to 1.00
Smilax		12.50 to 15.00
Lilies		10.00 to 15.00
Paper White Narcissi		3 00 to 4.00
Roman Hyacinths		3.00 to 4 00

HERE is a dollar for the REVIEW another year; it is money well spent.—GUSTAV BARTHOLME, Syracuse, N. Y.

JOSEPH HEACOCK
WYNCOTE, PA.
Grower of
Kentia Belmoreana
and Kentia Forsteriana
Mention The Review when you write.

J. L. DILLON
Wholesale Florist
Bloomsburg, Pa.
Mention The Review when you write.

WM. MURPHY
Wholesale Commission Dealer in
Cut Flowers and Florists' Supplies
ROSES, CARNATIONS, MUMS AND VIOLETS ARE NOW ARRIVING.
Special Attention to Shipping Orders.
If you are in the market to buy or sell write or wire
128 E. Third St., CINCINNATI, OHIO.
Telephone M 980. Night Messages W 1191 R.
WIRE WORK of all Kinds for Florists.

C. E. Critchell,
Wholesale Commission Florist,
36 EAST THIRD STREET, CINCINNATI, OHIO.
All orders promptly filled in best possible manner. Consignments Solicited.
Prompt and liberal returns on all consignments.

The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.

H.G.Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Nov. 2.

		Per 100
Beauties,	Extra	$15.00 to $25.00
"	No. 1	10.00 to 12.50
"	Shorts	4.00 to 8.00
Brides and Maids,	Extra	6.00
" "	No. 1	4.00
" "	No. 2	2.00
Golden Gate		2.00 to 5.00
Kaiserin		2.00 to 6.00
Liberty		2.00 to 6.00
Meteor		2.00 to 4.00
Perle and Sunrise		2.00 to 3.00
Carnations, Common		1.00
" Selects		1.50 to 2.00
" Fancies		2.50 to 3.00
Asparagus Plumosus,	Strings	35.00 to 50.00
" "	Sprays	4.00 to 5.00
" Sprengeri,	"	2.00 to 3.00
Lilium Longiflorum		8.00 to 12.50
Smilax		10 00 to 18.00
Lily of the Valley		3.00 to 4 00
Chrysanthemums		4.00 to 35.00
Violets		.35 to .75
Narcissi		3.00 to 4.00

Milwaukee, Nov. 2.

		Per 100
Beauties,	Extra	$25.00
"	No. 1	20.00
"	Shorts	$10.00 to 15.00
Bride and Bridesmaid,	Specials	7.00
" "	Extra	6.00
" "	No. 1	3.00
Chatenay		4.00 to 6.00
Liberty		4.00 to 8.00
Perle		4.00 to 8.00
Chrysanthemums		5.00 to 25.00
Carnations, Common		1.50
" Selects		2.00
" Fancies		3.00
Adiantum Cuneatum		1.00
Violets	.50 to	1.00
Valley		3.00
Smilax	10.00 to	15.00
Callas		12.50

NEW ORLEANS, LA.—Wm. Rehm has given the order for material for four houses to the Foley Mfg. Co., Chicago. He will have a fine place when completed.

THANKSGIVING IS NOV. 24
For Special Advertising the 'REVIEW" of Nov. 10th and 17th will be "JUST RIGHT." Earlier issues would have been too soon; later issues will not reach the trade in time.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
Solicits your orders with confidence that he can serve you to your entire satisfaction.
Mention The Review when you write.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.
THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 2018 M.
Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

7 E. 33d St. Near Waldorf-Astoria New York City

Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 385.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

Always Mention the....

Florists' Review

When Writing Advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

RIGHT RIBBONS

for Florists' use and those are the kind we make. Our ribbons have the

Right shades,
Right luster,
Right quality.

They cost no more than inferior ribbons because we sell them direct from our mill to you. We cut out the middle profits.

All widths and colors. Write for samples.

CONQUEROR—Taffeta—**CYCLONE.**
MONARCH—Satin Taffeta—**CLIMAX.**

The Pine Tree Silk Mills Company
Philadelphia

OFFICE AND SALESROOM:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

HARDY CUT FERNS



Fancy or Dagger 75c per 1000. Discount on large orders. Galax, bronze or green, 75c per 1000; $6.50 per case 10,000. Use our Mountain Laurel for your decorations, 4c, 5c and 6c per yard, made fresh daily from the woods. BRANCH LAUREL, 35c per large bundle.

CROWL FERN CO., -- MILLINGTON, MASS.

Mention The Review when you write.

HARDY CUT FERNS.



DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Mention The Review when you write.

THANKSGIVING

IS NOVEMBER 24

FOR SPECIAL ADVERTISING the "REVIEW" of November 10th and 17th will be "JUST RIGHT." Earlier issues would have been too soon; later issues will not reach the trade in time.

"SIXTEEN TO ONE" AGAIN.

Plants all sold. Eight insertions of the advertisement pay us sixteen to one. The REVIEW is all right. KRING BROS.
Fairbury, Ill.

ELLENDALE, N. D.—W. W. Sears is building a large greenhouse.

COMPLETE PROGRAM IN TWO COLORS .. ..

A Beautiful Advertisement
Complete World's Fair Souvenir

WORLD'S FAIR FLOWER SHOW ASSOCIATION

227 MICHIGAN AVENUE, CHICAGO

Mention The Review when you write.

I WOULD say that many of the articles in the REVIEW are of great value to me and I would not feel that I could do without it were the subscription price thrice what it is.—A. E. KENNEDY, Algona, Ia.

PITTSBURG.

The Market.

Business on the whole was all right for the commission men the past week, but in a retail way it was not all it should have been. There were a number of good decorations, which used up a quantity of stock, but small trade seems to be holding back. Chrysanthemums are cleaning up much better than for several years, which is saying a good deal considering the quantity coming in, with prices averaging just a little better than last season.

Various Notes.

Sunday was perfection for a fall day and all roads seemed to lead to the mum shows. Another of our Pittsburg millionaires, A. R. Peacock, opened his conservatory to the public. His houses contain mums, carnations, palms and ferns. It is said that there were 25,000 visitors at the Schenley park show, and not less than 10,000 at Allegheny park, while a constant stream of visitors took advantage of H. C. Frick's open houses. It is expected that this will have its effect on business the coming week, as people cannot look at such shows without wanting to possess flowers.

Patrick Maier is sending the Pittsburg Cut Flower Co. Paper Whites and Romans, the first of the season.

Gustav & J. W. Ludwig are making a grand display of mums on their stand in the Allegheny Market. They are among the pioneers in the business, as they started about twenty-eight years ago and are still as energetic as beginners. They get their fair share of everything that is abroad.

Randolph & McClements had a very novel decoration for Halloween, using large quantities of corn stalks, corn in the husk, autumn leaves, pumpkins, wired masks for light shades, the proverbial witch, and all arranged to make appropriate and beautiful decorations for the night.

The Washington Floral Co. are sending in some fine mums, among them some very fine Cheltoni, which were the finest yellow seen this year.

The Cut Flower Co. is receiving some of the new white carnation, Fred Burki, which they report as selling on sight.

Mrs. Schmucker, 4709 Liberty avenue, is the latest to open a cut flower store. As there is no one within a mile or more of her, she should do all right.

Among the visitors this week were Wm. Schrader, Johnstown, Pa., and Martin Reukauf, Philadelphia.

Tuesday night is meeting night for the Florists' Club, when mums will be the order of the day. Everyone is invited to bring a few blooms.

The bowlers met Friday night and it is said they are getting good.

Howard Carney, of J. B. Murdoch & Co., will take unto himself a wife this coming week. Hoo-Hoo.

BEST IN CIRCULATION.

Enclosed find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation; anything else I have you will do the job. GEO. MILNE.
Winchester, Mass., Sept. 29, 1904.

WE think the REVIEW our best publication.—W. J. MILLER & SON.

ROCHESTER, N. Y.

Since last writing we have had the pleasure to have lots of sun, which has livened up everything. Growers have been picking considerable more stock, but on account of the good weather trade has been still heavier, so prices on carnations have stiffened again, with common stock bringing $2 and Enchantress $3. Some of our store men have paid as high as $5 per hundred for Enchantress already this season.

Jas. Bishop is cutting some grand mums. He reports his carnations doing nicely.

H. Merritt has had the pleasure to discover a white sport of Enchantress in his greenhouse. M.

I would not want to do without the Review.—J. H. Fiesser, West Hoboken, N. J.

CARNATION PLANTS

To close out we offer the following low prices:

	Per 100	1000
9000 Lawson, pink	$3 00	$25 00
4000 Guardian Angel, pink	3 00	25 00
7000 Flora Hill, white	3 00	25 00

George Reinberg
51 WABASH AVENUE, CHICAGO.

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FLORA HILL
3000 Extra Strong Field-grown Plants of Flora Hill Carnation
at $5.00 a 100.
EDWARD REID,
1526 Ranstead St., PHILADELPHIA.
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No. 1 FIELD-GROWN CARNATION PLANTS

Queen Louise	$4 00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.
Mention The Review when you write.

FIELD-GROWN
CARNATION PLANTS.
Send for my list of varieties and prices.
SOL GARLAND, Jr., Des Plaines, Ill.
Mention The Review when you write.

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.

Always mention the Florists' Review when writing advertisers.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is
....CRISIS....
Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.
DAVIS BROS. CO., Bloomsburg, Pa.
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TO CLOSE OUT.
Field-Grown Carnation Plants.
We offer the following at $40.00 per 1000. Guaranteed all first size plants:
6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.
WILL BE SHIPPED FROM HINSDALE.
Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. **Chicago.**
Mention The Review when you write.

5,000 HEALTHY Carnations
Strong, bushy, well grown field plants. CHEAP FOR CASH.
Wolcott, $4.00; Estelle, $4.00; Alba, $4.00; Lawson, $4.00; Queen Louise, $3.50; Manley, $3.50; Lord, $3.50, Lorna $3.50; Glacier, $3.50; America, $3.50; Gomez, $3.50; Marquis, $3.50 per 100.
I study to please every patron and pack carefully in light boxes.
CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.
Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY
Mention The Review when you write.

CARNATIONS Fine, healthy, field-grown plants.

Queen Louise	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill	5 00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.
I. H. MOSS, GOVANSTOWN, Baltimore County, Md.
Mention The Review when you write.

Fred Burki is the new commercial white carnation worthy of your attention.
Has scored 88 points at the Detroit Convention, receiving a certificate of merit.
Send for descriptive circular.
JOHN MURCHIE, SHARON, PA. S. S. SKIDELSKY, 824 N. 24th St. PHILADELPHIA.
Mention The Review when you write.

A'ways mention the Florists' Review when writing advertisers.

FIELD-GROWN
Carnations..
It has been a good growing season with us and plants are in fine shape, strong and bushy.

White:	Per 100	Per 1000
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red:		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,
51 Wabash Ave. CHICAGO.
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MUM NOVELTIES!

ARE YOU GOING TO THE C. S. A. MEETING IN BOSTON?

If so, look over the following varieties:

MRS. W. DUCKHAM, a lovely yellow.
J. H. DOYLE and MRS. J. A. MILLER, two brick-red monsters.
EMILY MILEHAM, a beautiful white.
VALERIE GREENHAM and MRS. H. A. ALLEN, leaders in pink.
DORA STEVENS, JOHN FRASER, J. H. SILSBURY, and others.

WE ARE HEADQUARTERS FOR THE BEST OF THE NEW THINGS AGAIN.

Take notice how Duckham, Cobbold, Cheltoni, Mildred Ware and others of our last year's Novelties are set up. Come to the Convention and get posted.

SEND FOR OUR LIST.

CHARLES H. TOTTY

MADISON, NEW JERSEY

Mention The Review when you write.

Field-Grown
Carnation Plants.

Large, Vigorous Healthy Plants.

	Per 100	1000
WOLCOTT	$5.00	$45.00
PROSPERITY	5.00	45.00
PALMER	5.00	45.00
FLORA HILL	4.50	40.00
JOOST	4.50	40.00
WHITE CLOUD	5.00	.....
MARY WOOD	4.50	40.00
HIGINBOTHAM	4.50	40.00
LAWSON	6.00	.....
2½-in. Stevia		18.00
2½ in. Mums		18.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Mention The Review when you write.

SURPLUS CARNATIONS

100 Queen Louise
150 Flora Hill
200 McGowan
50 White Cloud
50 Ethel Crocker

Strong and healthy field-grown plants, 3 cts. each, or 2½ cts. each to close the lot.

SPEAK QUICK

SIMONDS FLORAL CO.
BARRE, MASS.

Mention The Review when you write.

CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

STOCK
Chrysanthemum Plants

Wm. Duckham	$12.00 to $17.00 per 100
F. A. Cobbold	12.00 per 100
Dr. Enguehard	12.00 per 100
Marie Liger	5.00 per 100
Lady Harriett	4.00 per 100
Mrs. Thirkell	9.00 per 100
Opah	5.00 per 100
Polly Rose	5.00 per 100
Monrovia	8.00 per 100
C. J. Salter	8.00 per 100
Alice Byron	12.00 per 100
Cheltoni	17.00 per 100

SAMUEL S. PENNOCK
1612-18 Ludlow St., Philadelphia.

Mention The Review when you write.

MONEY IN MUMS

GET THE RIGHT ONES

White—Polly Rose, Willow Brook, Ivory. Niveus (Grand), Adula (Best Incurved), Eaton (Mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Money makers, every one of them. Any four for 25c; twenty for $1.00.

W. J. OLDS, - UNION CITY, PA.

Mention The Review when you write.

WANTS 100 LBS. WORTH BIZ.

Port Jervis, N. Y.

Ship one hundred pounds Fumigating Kind; it does the business and does it well. See page 1198.

JNO. BRIERLY.

Mention The Review when you write.

CHRYSANTHEMUM
STOCK PLANTS

White Fitzwygram, Opah, Willowbrook, Polly Rose, Lady Harriett, Glory of Pacific Monrovia, Omega, M. Lamond, Robinson, Halliday, Mrs. Jerome Jones, Yellow Jones, Marie Liger, Mrs. Weeks, Col. Appleton, Maj. Bonnaffon, R. H. Pearson, Mlle. Douillet, Timothy Eaton, Ivory, Dalskov, Yellow Eaton Viviand-Morel, Mrs. Perrin, Fee du Champsaur, Golden Wedding, $1.00 per dozen.

White Bonnaffon, White Maud Dean, Ida Barwood, C. H. Diederichs, Louis Leroux, Marian Newell, Globosa Alba, Lord Hopetoun, Ethelyn, Baden Powell, Percy Plumridge, Harry Plumridge, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, Wm. Duckham, Leila Filkins, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett Mrs. Geo. Wilkins, Cinna, Mrs. Thirkell, Cecil Cutts, A. J. Balfour, Ben Wells, Mlle. Richardson. Prices on application.

Ferns Piersoni, 2½-in., $3.00 per 100; Boston Ferns, 2½-in., $5.00 per 100; 3-in, $8.00 per 100; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 per 100; 7-in., $1.00 each; 8-in., $1.25 each. Ready to be shifted. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Look Here

Stock Plants of Chrysanthemums, good, strong and healthy at $4.00 per 100 or $35.00 per 1000 of the following varieties; 300 Halliday, 200 Oct. Sunshine, 500 Col. Appleton, 200 Eaton, 200 Mme. Perrin, 200 Viviand-Morel, 200 Queen, 200 Major Bonnaffon, 500 Polly Rose, 300 Glory Pacific, 100 Mme. Bergmann, 200 Ivory.

100,000 **Smilax** 2½-inch pots, good and strong at $2.00 per 100 or $15.00 per 1000.

50 5-inch **Boston Ferns** at 20c or $8.00 for the lot. 40 6-inch at 35c or $12 50 for the 40 and 30 **Rubbers,** 6-inch, at 35c or $10 00 for the lot. Need the bench space or would not sell these Rubbers at this sacrifice. Price cash or C. O. D.

Garfield Ave. Greenhouses,
Harry T. Miller, Proprietor. Salem, Ohio.

POUGHKEEPSIE, N. Y.

A. Relyea & Son are cutting some very fine mums of Robt. Halliday and Alice Byron, they having given up violet growing and gone into mums. There is a fine lot of white and yellow Eaton and Bonnaffon in sight. They also have one house of carnations, planted with Queen Louise and Joost. The Queen Louise is showing from eight to twelve buds and flowers. All the growers who have seen them say they are the best they ever saw.

James Coleman has given up growing violets and gone in chrysanthemum and sweet pea growing and is doing very well at it.

Sloane Bros. have also thrown over violets and planted all their houses with carnations, having about 18,000 plants in ten varieties. All look good and clean. The writer was down to see them a few days ago and found one of the brothers in a hole in the ground. I asked him if he was preparing to bury the money they expect to make this winter off their carnations, and he said, "No; we are making a vat for liquid manure and will put our money in the coal bin." When I left he was on his knees, not praying, but slapping on the cement good and thick.

Speaking about violet growing, I hear that six growers around here have thrown out violets and put in something else. The low prices and big coal bills were the cause of it.

Our tenth annual flower show will take place at the State Armory, November 9 and 10. The society offers $750 in premiums and $175 in special prizes are offered by the members. Competition is going to be very hot, as the mums are finishing up fine this year, so get a hump on, boys, or you will get left. X. Y. Z.

MOLINE, ILL.—On October 13 the Tri-City Florists' Club met at Julius Staack's, Theo. Ewoldt reading an essay on carnations. On November 10 the club will meet at Central park, Davenport, to inspect the chrysanthemums.

I HAVE 50 000

Fine Field-Grown Carnation Plants. Per 100

Vesper, best white	$10 00
Flora Hill, white	6.00
Queen Louise, white	6.00
Joost, pink	4.00
Lawson pink	6.00
Prosperity variegated	6.00
Mrs. E. A. Nelson, pink	6 00
McKinley, pink	6 00
Adonis, red	10 00
Fair Maid pink	6.00
Bradt, variegated	6 00
Asparagus, 3-in. pots very fine	5.00
Boston Ferns, 6-in. pots	40.00
Piersoni, 6-in. pots	50.00
Picus, 6-in. pots	40.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,
61st and Market Sts., PHILADELPHIA, PA.
Mention The Review when you write.

THANKSGIVING

IS NOVEMBER 24

FOR SPECIAL ADVERTISING the "REVIEW" of November 10th and 17th will be 'JUST RIGHT." Earlier issues would have been too soon; later issues will not reach the trade in time.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $15.00
Strong, 3-inch.....per 100, 3.00 per 1000, 22.00

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

Big Bargain in Bostons.

4-in., $12 per 100. 5-in., $20. 6-in., $30. 7-in., $60 These prices are from $5 to $15 per 100 under the regular price on these sizes. We make these special figures to reduce a large stock. Field-grown Sprengeri, strong plants, ready for 4-in. pots, $5 per 100, for 3-in., $4. Very valuable to cut from.

Choice fresh plants ready for retailing.

We have 5,0 0 strong Joost carnation plants, extra fine, field-grown, at the very low price of $4 per 100, $35 per 1000. Big, branchy plants, not culls.

Brides, Maids, Ivory, Golden Gates, 3-inch, good stock, grown for forcing, $4 per 100, $35 per 1000.

W. H. GULLETT & SONS, Lincoln, Ill.
Mention The Review when you write.

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande, Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

2,000 Boston ferns, fit for 5 and 6-in. pots, 15c and 20c each, fine stock, well grown stock in full light. Piersoni Fern for 7-in., 35c; for 6-in., 25c. PLUMOSUS NANUS, 4-in., fine, 8c; 3½-in., 6c. Crimson Ramblers, for Easter: 2-year, 15c; 1-year, 10c. Cash please.

BENJ. CONNELL, West Grove, Pa.
Mention The Review when you write.

VIOLETS

Marie Louise field-grown	per 100,	$5.00
" " pot-grown 3 inch	"	3.00
Asparagus Plumosus, 2¼-inch	"	5.00
" 3-inch	"	8.00
Ferns Piersoni, 2-inch	"	5.00
" " 3-inch	"	10 00
" " 4-inch	"	20.00

I. N. KRAMER & SON, Cedar Rapids, Iowa.

VIOLETS

A 1 stock from 3-inch pots, also field grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Sweet Alyssum—for winter blooming, 2-inch, 3c.

Plumosus Nanus—2-inch, 3c.

CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

ASP. PLUMOSUS NANUS, 3-in., per 100....$4.50
CIGAR PLANT (Cuphea), 2-in., " 2 00
CRYPTOMERIA JAPONICA 2-in, per 100 5.00
" " 4-in., " 10.00
SMILAX, 2-in., 75c per 100; Seedlings 25c per 100
SELAGINELLA, 2 in., $2 25 per 100.
PELARGONIUMS, 2-in., mixed $3 00 per 100.
MIGNONETTE, (Matchet), 2-in., $2.00 per 100.

E. I. RAWLINGS, - Quakertown, Pa.
Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 4-in., $6.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**
Mention The Review when you write.

Early New Rose Cuttings

of the very best wood, following varieties: La Detroit, Gen. McArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons.

We Are Selling Agents for

GIBSON BEAUTY and WHITE SWAN

Carnations Shall be pleased to have you correspond with us in regard to prices.

FERNS

We are headquarters in the West for these, as well as Plumosus and Sprengeri. All sizes.
Write—

GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

Asparagus

Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .50

—CASH—

Jos. H. Cunningham, Delaware, Ohio.
Mention The Review when you write.

XXX SEEDS

CYCLAMEN GIGANTEUM—Finest Giants, mixed 200 seeds, $1 00; ¼ pkt., 50c.
GIANT PANSY—Best of Giants, mixed, 5,000 seeds $1.0 ; ⅛ packet, 50c.
CHINESE PRIMROSE—Finest grown, single and double mixed; 500 seeds, $1.00; ⅛ pkt., 50c.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

GOT WHAT HE LOOKED FOR

Glencove, N. Y.

The Fumigating Powder is just what I have been looking for to kill the small white thrips that infest our Tomatoes indoors; also green and black aphis; it does the work to perfection. See page 1198.

S. J. TREPRESS.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

DREER'S DECORATIVE PLANTS.

We have in stock a fine line in the following sizes: **Clean, thrifty, vigorous stock which is certain to give full satisfaction.**

KENTIA FORSTERIANA — Made-up Plants.

3-inch pots,	3 plants in a pot,	12 inches high	$2.00 per doz.;	$15.00 per 100	
4 "	3 "	15 to 18 "	4 50 "	35.00	"
5 "	3 to 4 "	18 "	7.50 "	60 00	"
8-inch tubs,	3 plants in a tub,	4 to 4½ feet high		5.00	each
9 "	3 "	5 to 5½ "		6.50	"
9 "	3 "	5½ to 6 "		7.50	"
10 "	3 "	6 to 6½ "		12.50	"
12 "	3 to 4 "	6 to 7 "		15.00	"
12 "	3 to 4 "	7 "		20.00	"

KENTIA FORSTERIANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 inches high		$ .30	each
6 "	6 "	28 to 30 "		1.00	"
6 "	6 "	30 to 32 "		1.25	"
6 "	6 "	32 to 36 "		1 50	"
8 "	6 to 7 "	4½ feet high		5.00	"
9 "	6 to 7 "	5 to 5½ feet high		6 00	"
10 "	6 to 7 "	5½ to 6 "		7.50	"
10 "	6 to 7 "	6 "		10.00	"
12-inch tubs,	6 to 7 "	6½ "		12.50	"
12 "	6 to 7 "	7 to 8 "		25.00	"

KENTIA BELMOREANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 to 18 inches high		$ .35	each
5 "	5 to 6 "	20 to 22 "		.75	"
6 "	6 "	28 to 30 "		1.25	"
6 "	6 to 7 "	30 to 36 "		1.50	"
7 "	6 to 7 "	30 to 36 "	heavy	2.00	"

KENTIA SANDERIANA.

A rare, pretty, hardy, serviceable variety.

Fine plants in	5-inch pots,	18 inches high		$1.25	each
" "	6 "	24 "		1.50	"
" "	7 "	30 "		3.00	"

ARECA LUTESCENS.

4-inch pots,	2 to 3 plants in a pot,	15 to 18 inches high		$ .25	each
5 "	3 " "	18 to 20 "		.40	"
6 "	3 " "	24 to 28 "		.75	"
10 "	very bushy	48 to 54 "		4.00	"

LATANIA BORBONICA.

The best values in these plants that we have ever offered.

3-inch pots,	5 to 6 leaves,	12 to 15 inches high		$8.00	per 100
4 "	5 to 6 "	15 "		20.00	"
5 "	5 to 6 "	15 to 18 "		30 00	"
6 "	6 "	20 "		50.00	"
7 "	6 to 7 "	20 to 24 "		.75	each
8 "	7 to 8 "	24 "	fine plants	1.00	"
8 "	8 to 10 "	28 to 30 "		2 00	"

PHOENIX CANARIENSIS.

A nice lot of decorative plants in tubs.

8½ to 4 feet high.....$6.00 each. 4 to 4½ feet high.....$7.50 each

PHOENIX RUPICOLA.

6-inch pots, 24 inches high.....$1.50 each

ARAUCARIA EXCELSA.

4-inch pots,	8 to 10 inches high,	3 tiers		$ .50	each
6 "	12 to 14 "	3 to 4 tiers		.75	"
6 "	14 to 16 "	4 tiers		1.00	"
6 "	16 to 18 "	4 tiers		1.25	"

ARAUCARIA EXCELSA GLAUCA.

6-inch pots,	13 to 15 inches high,	3 tiers		$1.25	each
7 "	16 to 18 "	4 tiers		1.75	"
7 "	22 to 24 "	4 to 5 tiers		2.00	"

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3 tiers		$1.25	each
6 "	12 "	3 tiers		1.50	"
7 "	15 "	3 to 4 tiers		1.75	"

BOSTON FERNS.

A fine lot of dwarf, stocky, bushy plants.

7-inch pots, 75c each; 8-inch pots, $1.00 each; 12-inch pans, $2.00 each

ADIANTUM FARLEYENSE.

A nice, thrifty lot of plants, 4-inch pots, 35c each; 5-inch pots, 75c each

ADIANTUM TENERUM — A fine lot of this useful maiden-hair in 4-inch pots.....$12.00 per 100.

ASPLENIUM NIDUS AVIS — We offer a good lot of this handsome Bird's-Nest Fern. 4-inch pots, 35c each; 5-inch pots, 60c each; 6-inch pots, $1.00 each.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

GOOD STOCK—ORDER QUICK

550 Vinca Variegata, the lot $10.00; per 100,		$2 00
50 Dracaena Ind. 18-in., field-grown,	"	5 00
Golden Glow Roots.....		1.00
California Privet, 2-year, 12 to 24-in., well branched.....per 100,		12.00
5000 lots, special price, 1-year, 12-in. branched.....per 1000,		5.00
Geranium Stock Plants, all good sorts, mixed.....per 100,		.50
50 California Privet, 2-year, specimens, fine, good shape.....each,		1,00

PORT-AU-PECK GREENHOUSES

Long Branch City, NEW JERSEY.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 Kingston St. Dorchester, Mass.

Mention The Review when you write.

....CHEAP....

BOSTONS AND FOSTERS.

Extra strong, well rooted runners for 2½ and 3-inch pots, $10.00 and $15.00 per 1000. Foster $2.00 per 100.

THE AVENUE FLORAL CO.

3442 St. Charles Ave., NEW ORLEANS, LA.

Mention The Review when you write.

Boston Ferns From bench, $1.50 to $10 per 100

Cannas In twenty best varieties, at $2.00 per hundred.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

Mention The Review when you write.

Primulas—Pansies.

Primula Chinese, Rupp's strain, in 3-inch, ready for 4-inch, good Christmas plants, 4c.

Primula Obconica Grandiflora, in 4 and 5-inch, fine plants, 8c.

Pansies, in bud and bloom. The finest mixture I ever had. $2 50 per 1000.

Orders booked for Double Alyssum, Coleus, Heliotropes Variegated Vincas, Fuchsias, Double Petunias and Verbenas. Write for special prices, naming quantities you can use.

U. G. HARGLERODE, SHIPPENSBURG, PA.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.

Primula Sinensis—2½-in., $2.00 per 100.
Cinerarias—2½-in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4-in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1 75 per 100. **Violets**, Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Your Last Chance!

Don't miss this opportunity of securing the following stock. Guaranteed first-class in every respect at half price. We need the room.

BOSTON FERNS, clean and healthy, from 5-inch pots, $3.00 per dozen; $20.00 per 100; 25 at 100 rate.

ASPARAGUS PLUMOSUS NANUS, fine plants from 3-inch pots, $4.00 per 100.

ASPARAGUS SPRENGERI, nice 2¼-inch plants, $1.25 per 100; $12.00 per 1000.

—CASH—

THE W. T. BUCKLEY PLANT CO.

SPRINGFIELD, ILL.

Mention The Review when you write.

DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

Are all flower growers liars?

SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 1195-96-99-1208-11, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Mention The Review when you write.

FITTING OLD TUBES.

Please tell me the best way to fit 3-inch boiler tubes that are too thin to be threaded. They are, of course, to be used for hot water. O. N.

It has never been my good fortune to see a house piped with cast off boiler tubes, and I can only suggest a possible solution to this problem. I do not say this will prove satisfactory, but it is worthy of a trial. Secure a long sleeve, or section of pipe that will allow at least three-eighths of an inch of space all around between the outside of the flue and the inside of the sleeve. If there are some rough projections on the ends of the flues, batter them only sufficiently to allow passing the flue inside the sleeve. After the ends of two flues have been adjusted equidistant in the sleeve, which should be about ten or twelve inches long, force a roll of hemp packing into the sleeve from each end to prevent the cement which is to be used to make the joint from finding its way to the interior of the flue. After this preliminary calking is completed, stuff the sleeve full of a cement made as follows: Powdered clay six pounds, iron filings one pound, made into a thick paste with linseed oil. Portland cement one part, sand two parts, has also been successfully used in such joints. It is necessary that these joints become well set before water or heat is brought in contact with them. L. C. C.

NEW HAVEN, CONN.

Charles Munro, formerly at 938 Chapel street, is remodeling the store at 974, formerly occupied by the Robert Veitch Co., who have retired from business. They were the oldest florists in New Haven. A large show house is being added to the store, which will be made one of the most complete and up-to-date establishments in the state. Mr. Munro has always conducted a first-class place and has been steadily successful.

ELMIRA, N. Y.—Thomas J. Leyden has opened a very handsome flower store at 117 West Water street. John K. Phesay, formerly with Grove P. Rawson and later at Jamestown with the Lake View Rose Gardens, is the cut flower worker. The stock of plants came from the Lake View Rose Gardens, and the United States Cut Flower Co. will provide the daily supplies of cut stock.

FINE STOCK!

CHEAP, TO MAKE ROOM. Per 100

PIERSON FERN—2½-inch	$ 3.00
4-inch	10.00
5-inch	15.00
6-inch	20.00
BOSTON FERN—2½ inch	3.00
4-inch	8.00
5-inch	15.00
6-inch	18.00

Ferns are very fine and have been potted from bench.

ASPARAGUS PLUMOSUS—2½-in., $2.50 per 100; $20.00 per 1000.
ASPARAGUS SPRENGERI—2½-in., $2.00 per 100; $18 00 per 1000.
GERANIUM—Jean Viaud, 2½-in., $2.00 per 100.
COLEUS—Fine assortment in 15 varieties, 2½ in., $1.50 per 100.
ABUTILON—Fine, good sorts, 2½-in., $2.00 per 100.
REX BEGONIAS—Assorted, 2½-in., $3.00 per 100.
FLOWERING BEGONIAS—Assorted, 2½-in., $2.50 per 100.
IMPATIENS SULTANA—2½-in., $2.00 per 100.
SALVIA SPLENDENS—2½-in., $2.00 per 100.
AGERATUM—Three sorts, $2.00 per 100.
GERMAN IVY—$2.00 per 100.

THE SPRINGFIELD FLORAL CO.
SPRINGFIELD, O.

Mention The Review when you write.

Primroses

(SINENSIS)

We have on hand, strong plants of our select strain in

DAYBREAK PINK
....and BRIGHT RED.....

From 3-in. pots, $4.00 per 100;
from 2¼-in. pots, $2.50 per 100.

Nathan Smith & Son,
ADRIAN, MICH.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2½-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5¼ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6-in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12.00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made-up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Phoenix Canariensis—8-inch pots, 4 feet high, 4 feet wide, 14 perfect leaves, perfect jewels; good for decorating, only $2 00 each, worth $5.00.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus Nanus—3-inch, strong, $6 00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5 to 8 leaves, 50 cents each.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 7-inch specimens, 75c to $1.00 each; 8-inch pots, as big as a bushel basket, $1.25 each.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—4-inch, bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 5c; 3-in., 15c to 20c. strong.

Acorus Gramineus Variegatus—For dishes, $1.00 per doz.

Primula Chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 per 100.

Solanum or Jerusalem Cherries, full of fruit, large, bushy plants, 5½ to 6-inch pots, from $2 00 $2 50 to $3.00 per doz. Capsicum annuum or Xmas peppers in fruit, 5-inch $2.00 per doz.

Just arrived per steamer Switzerland, 30 cases of Azalea Indica, best American varieties. I am noted for importing the choicest of Ghent's cream. Prices: 40c, 50c, 60c, 75c to $1.00 each.

One of 100 different testimonials:

CINCINNATI, OHIO, Sept. 29, 1904.

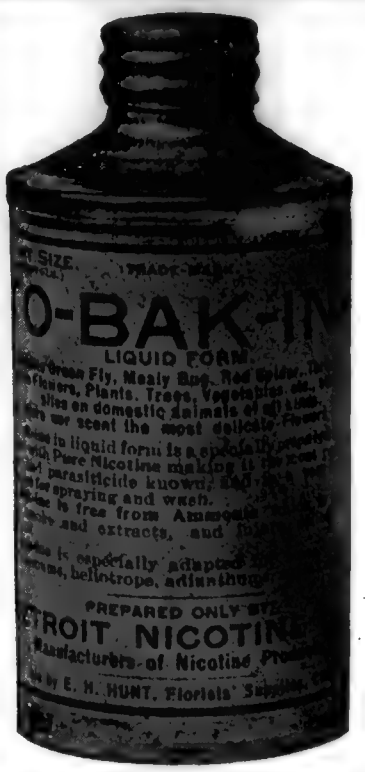
MR. GODFREY ASCHMANN:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY, 813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.
Wholesale Grower and Importer of Pot Plants
Bell Phone Tioga 3669A.

Mention The Review when you write.



TO-BAK-INE

(LIQUID FORM.)

A Concentrated Solution of Pure Nicotine.

The most powerful insecticide known, for vaporizing or spraying.

TO-BAK-INE LIQUID is the article for us; it does the work effectively without injuring the most sensative blooms and is easily applied.—John Breitmeyer's Sons, Mt. Clemens, Mich.

TO-BAK-INE LIQUID is the stuff for Thrips, Spider, or any such stubborn pests.—A. F. J. Baur, Indianapolis.

Quarter Pint Can	$0.60	Pint Can	$ 2.00
Half Pint Can	1.10	Gallon Can	15.00

(The cost is nominal considering the results obtained.)

Send for our booklet "WORDS OF WISDOM" by leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

S. A. Nutt, Mme. Landry, Alphonse Ricard, Mme. Charrotte, Mme. Canovas, Jean Viaud, Granville, (single), La Favorite, John Doyle, Double Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Glorie de France, Mme. Barney.
$2.00 per 100; $17.50 per 1000.

	Per 100	1000
Alternanthera, red and yellow, in variety	$2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Aquilegia(Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Ficus, 4-in. pots, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Plumbago, blue and white, 3 in. pots	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

We are booking orders now for Fall delivery. First-class collection. List and prices sent on application. Send for trade price list.

We have about 5000 roots that have become mixed which we are offering at $4.00 per 100; $35.00 per 1000.

CASH WITH ORDER.

R. Vincent, Jr. & Son

WHITE MARSH, MD.

Mention The Review when you write.

10,000 Geraniums

READY NOW.

S. A. Nutt, La Favorite, Mrs. E. G. Hill, Jean Viaud, 2½-inch, $1.50 per 100. Double Grant, Single Grant, La Favorite, Mrs. E. G. Hill, Viaud, cuttings $1.00 per 100. Boston Ferns, bench, 2½-inch $2.00, 4-inch $8.00, 5-inch $10.00. Asparagus Sprengeri, 4-in. $8.00, strong pot grown. Salvia Splendens and Heliotrope cuttings, 75c per 100.

Will trade for Pierson Ferns, Primroses, Cinerarias or Cyclamen. Cash with order.

F. E. BONHAM, Macomb, Ill.

Mention The Review when you write.

KRAMER'S POT HANGERS.



Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

I. N. Kramer & Son

CEDAR RAPIDS, IA.

For Sale by WHOLESALE SEEDSMEN, FLORISTS and SUPPLY DEALERS.

Mention The Review when you write.

CUT FLOWER BOXES.

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable.** To try them once is to use them always.

Size No. 0	3x4 x20	$2.00 per 100;	$19.00 per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2.00	"	19.00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
" No. 6	4x8x28	3.75	"	36.00	"
" No. 7	6x16x20	5.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67.00	"
" No. 11	3½x5x30	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

ASPARAGUS Plumosus Nanus Seedlings

Strong plants, ready for 2-in. pots, $12.00 per 1000; ready for 3-in., $2.00 per 100 prepaid.

DRAKE POINT GREENHOUSES

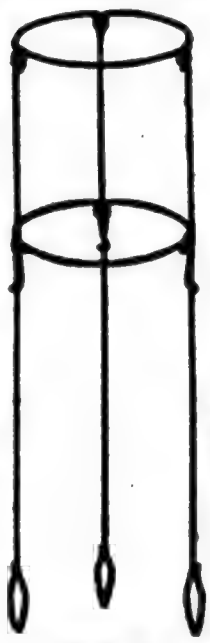
YALAHA, FLA.

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Always Mention the....

Florists' Review

When Writing Advertisers.



...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

IGOE BROS.

228 N. 9th St., Brooklyn, N. Y.

Mention The Review when you write.

"NICOTICIDE"

THE BUG KILLER

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Mention The Review when you write.

SEASON'S TRIAL

Seymore, Ind.

Enclosed find $2.00; please send one hundred pounds Fumigating Kind. We have given your powder one season's trial and find it the very best thing we can get. See page 1198.

M. A. BARICK.

Mention The Review when you write.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues

Our Specialty. Get our figures.

83-91 Plymouth Place, CHICAGO.

PEERLESS SULPHUR BLOWER.

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.

McMORRAN & CO., 15-21 N. Clinton St., CHICAGO, ILL.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 2½-in., fine sorts, $2.00 100.
Springfield Floral Co., Springfield, O.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong 2-in. pot plants, postpaid, $2.00; 100 strong 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum cuneatum, 2-in. pots, ready for a shift, $3.00 100; $25.00 1000.
Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Adiantum cuneatum (maidenhair fern), 4-in., bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum cuneatum, ready for 5-inch pots, $12.00 100.
Wm. A. Bock, No. Cambridge, Mass.

AGERATUMS.

Ageratums, 3 sorts, $2.00 per 100.
Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Alyssum dbl. giant, rooted cuttings, 75c 100.
J. H. Rainsbury, Bernardsville, N. J.

Sweet alyssum, 2-in., 3c.
Crabb & Hunter, Grand Rapids, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 10c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ANTIGONON.

10,000 antigonon, 75c per 100. Cash.
B. De Winkeler, Arch Creek, Fla.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c; 5½-in., 13 to 15 in. high, 3 to 4 tiers, 60c; 6½ to 6-in., 17 to 19 in. high, 3 to 4 to 5 tiers, 75c; 6-in., 20 to 22 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each. G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, from 50c to $1.50 each.
Storrs & Harrison Co., Painesville, O.

ASPARAGUS.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine plants from 3-in. pots, $4.00 100. A. Sprengeri, 2¼-in. pots, $1.25 100; $12.00 1000.
W. T. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus seedlings, strong, ready for 2-in. pots, $12.00 per 1000; ready for 3-in., $2.00 100. Prepaid.
Drake Point Greenhouses, Yalaha, Florida.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

50,000 Asparagus plumosus nanus, strong plants from bench, from 2½-in. pots, $8.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Field-grown Sprengeri, strong plants ready for 4-in., $5.00 100; for 3-in., $4.00. Valuable to cut from.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, fine plants from 4-inch pots, $8.00 100; seeds, 75c 100; $5.00 1000. Cash.
Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus robustus, $4.00 100; A. plumosus, $3.00 100; A. Sprengeri, $2.50 100. Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 2½-in., strong plants, $2.00 100, $20.00 1000; 3-in., $3.50 100; $30.00 1000. Loomis Floral Co., Loomis, Cal.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus plumosus, 2½-in., $2.50 100; $20.00 1000. A. Sprengeri, 2½-in., $2.00 100; $18.00 1000. Springfield Floral Co., Springfield, O.

Asparagus Sprengeri, 2¼-in. pots, $2.50 per 100. Asparagus plumosus, 2¼-in. pots, $3.00 per 100. A. R. Knowles, Bloomington, Ill.

A. plumosus nanus, strong 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus from bench, strong plants ready for 5-inch pots, $12.00 per 100.
Geo. Rentschler, Madison, Wis.

Asparagus comorensis, large plants in 4-inch pots, already climbing, $10.00 per 100. Cash.
Tong & Weeks, Ashtabula, Ohio.

Asparagus plumosus nanus, strong plants, in 2¼-in. pots, $3.00 100; $25.00 1000.
T. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $4.00 100; 4-in., $10.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri in seedlings, 2, 3, 4 and 5-in. Write
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, 3-in., strong, $6.00 100; 4-in., bushy, $10.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2½-in., $5.00 per 100; 3-in., $8.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 3-in. pots, extra fine, 3c; 4-in., 4c. Dayton Floral Co., Dayton, Ohio.

Asparagus plumosus nanus, 4-in., fine, 8c; 3½-in., 6c. Benj. Connell, West Grove, Pa.

Asparagus Sprengeri, 2½-in., 2c; 3½-in., 4c. Extra fine plants. J. Sylvester, Oconto, Wis.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, fine plants, $5.00 100.
N. H. Sherwood, Southport, Conn.

Asparagus Sprengeri, 2-in., 2c; 2½-in., 3c.
W. W. Coles, Kokomo, Ind.

Asparagus plumosus nanus, 3-in., $4.50 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus Sprengeri, 4-in., $8.00. Cash.
F. E. Bonham, Macomb, Ill.

Asparagus plumosus, 2-in., $3.00 100.
Crabb & Hunter, Grand Rapids, Mich.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, 3-in., $5.00 100.
J. S. Bloom, Riegelsville, Pa.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

ASPIDISTRAS.

Aspidistras, large plants in pots, 15 to 30 leaves, 4c per leaf.
Theo. E. Edwards, Bridgeton, N. J.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

BAY TREES.

BAY TREES. Send for our new price list.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

BEGONIAS. 200 plants of 5 flowering varieties in 4-inch pots, ready for 5 and 6-inch. Good opportunity to secure stock plants. $1.00 per doz.; $6.00 per 100.
Will B. Munson, Denison, Tex.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease.
THOMAS ROLAND, Nahant, Mass.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, 2½-in., assorted, $3.00 100; flowering begonias, 2½-in., assorted, $2.50 100.
Springfield Floral Co., Springfield, O.

Begonias. Palmata, 4-in., $1.00 per doz. Other good varieties, 4-in., $6.00 per 100.
W. T. Stephens Co., Brookfield, Mo.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias metallica and Pres. Carnot, strong 2½ inch, $3.00 per 100.
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Begonia manicata aurea, 2-in., $2.00 100.
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The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Solanum or Jerusalem cherries, full of fruit, 5½ to 6-in. pots, $2.00, $2.50 to $3.00 doz. Capsicum annuum or Xmas peppers in fruit, 5-in., $2.00 doz.
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Dwarf Jerusalem cherries, full of fruit, 5 and 6-in. pots, $10.00 and $15.00 100. Xmas peppers, 6-in. pots, $15.00 100.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, 3-inch, 50c per doz., $3.00 per 100. Xmas (celestial) peppers, 75c per doz., $5.00 per 100.
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LILIUM HARRISII. Semper Idem.	100	1000
5x7, 400 to case, $10.00	$2.50	$22.50
6x7, 300 to case, 9.00	3.00	27.00
HYACINTHS French Roman.		
11-13 cms., white	2.25	21.00
12-15 cms., white	2.50	23.00
12-15 cms., blue or rose	2.00	18.00
Dutch miniature	2.00	18.00
TULIPS. Single finest sorts mixed	.65	6.00
Double finest sorts mixed	.65	6.00
CYCLAMEN persicum giganteum, 1½-2½ in. diam., all colors, doz., $1.00	7.00	
FREESIA refracta alba, ½-⅝	.35	3.00
CALLA Aethiopica.		
3-5 inch circ	2.50	20.00
4-6 inch circ	4.50	40.00
5-7 inch circ	6.00	55.00
GLADIOLI Colvillei.		
The Bride (white)	.65	6.00
Rubra (rosy red)	.65	6.00

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We offer the finest quality LILIUM HARRISII for immediate shipment.

Inch.	Case.	100	1000
6 to 7	350	$ 4.50	$ 40.00
7 to 9	200	8.00	75.00
9 to 11	100	16.00	150.00

Also all other early bulbs for immediate delivery. Send for our list.
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Freesia bulbs, 1st size, ⅝-in. and up, 75c 100; $6.50 1000. Extra size, ¾-in. and up, 85c 100; $7.00 1000. Mammoth, $1.00 100; $8.00 1000. Samples of 40 bulbs, each size sent for $1.00.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

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Dutch Hyacinths, exceptional quality, $3.60 100; $34.00 1000. Red and pink—Chas. Dickens, Gertrude, Gigantea, Roi des Belges, Rob't. Steiger, Baron van Thuyll, Norma. White and blush—Alba superbissima, Grandeur a Merveille, La Grandesse, L'Innocence, Mme. van der Hoop, Maid of Orleans, Grand Vedette. Blue—Baron van Thuyll, Chas. Dickens, Czar Peter, Grand Maitre, Grand Lilas, Queen of the Blues, King of the Blues.
Bulbs sold only in equal proportion of colors.
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Roman hyacinths, 12x15, $24.00 1000. Dutch hyacinths, mammoth, $65.00 1000; No. 2, $35.00 1000. Narcissus Von Sion, dbl. nose, $18.00 1000; single mammoth, $15.00 1000. Freesia refracta alba, mammoth, $7.50 1000. Write for prices on tulips, azaleas, rhododendrons, roses, spiraeas, etc.
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CALLAS, select, round, plump bulbs, 2½-in. in cir., $5.50 per 100; $50.00 per 1000.
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Last consignment from Japan of Lilium longiflorum multiflorum. Well ripened bulbs, 7 to 9 inches, $4.50 100; $40.00 1000.
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Freesia refracta alba, ⅝-in. diameter, $2.00 1000; ½-in., $4.00 1000.
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Callicarpa purpurea, plants all sizes, from $6.00 100 to $20.00 100. Also seeds, 75c per pound. C. Adams, Helena, Ark.

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Information about these varieties will be given on request. Stephen Chase, Nashua, N. H.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Armazindy	$1.00	$8.00
Alba	1.40	12.50	Mrs. Joost	1.20	10.00
America	1.00	8.00	Lawson	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley	1.40	12.50
Crane	1.20	10.00	Success	1.20	10.00
Eldorado	1.20	10.00	Harlow'den	1.40	12.50
M. Field	1.40	12.50	G. Roosevelt	1.40	12.50

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

TO CLEAN OUT we offer the following: 9000 Lawson, pink; 4000 Guardian Angel, pink; and 7000 F. Hill, white, at $3.00 per 100; $25.00 per 1000.
Geo. Reinberg, 51 Wabash Ave., Chicago.

Carnations, field-grown, fine, healthy.

	100	1000		100	1000
Q. Louise	$6	$50	L. Pond	$5	$40
Bradt	6	50	MacRichmond	5	40
F. Hill	5	40			

I. H. Moss, Govanstown, Baltimore, Md.

Rooted carnation cuttings. Now ready.

	100	1000	5000
White			
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
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25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.
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Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Q. Louise	3.50	30
Mrs. Ine	3.50	30	Harlowarden	4.50	40
F. Hill	3.50	30	Peru	3.50	30

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
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Fine field-grown carnation plants. Per 100:

White.		Pink.	
Vesper	$10.00	Joost	$4.00
F. Hill	6.00	Lawson	6.00
Queen Louise	6.00	Fair Maid	6.00
Red.		Mrs. Nelson	6.00
Adonis	10.00	McKinley	6.00
Variegated.		Cash, please, or ref-	
Bradt	6.00	erence.	
Prosperity	6.00		

Wm. C. Smith, 61st & Market Sts., Phila.

Field-grown carnations. Large, vigorous, healthy plants.

	100	1000		100	1000
Wolcott	$5.00	$45	W. Cloud	$5.00	
Prosperity	5.00	45	M. Wood	4.50	$40
Palmer	5.00	45	Higinbotham	4.50	40
F. Hill	4.50		Lawson	6.00	
Joost	4.50	40			

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Carnations, healthy, field-grown.

	100		100
Wolcott	$4.00	Manley	$3.50
Estelle	4.00	Lord	3.50
Alba	4.00	Lorna	3.50
Lawson	4.00	Glacier	3.50
Q. Louise	3.50	Gomez	3.50
America	3.50	Marquis	3.50

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Field-grown carnations. The finest you ever saw. Plant them now while they last. Will clean up at $4.00 per 100, $35.00 per 1000.

Apollo, red	Frances Joost
Murphy's White	Flora Hill
Lillian Pond	Mrs. Potter Palmer
Queen Louise	Glacier
Morning Glory	America

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Carnations on credit. Cash or bank note with two good references. 1st size, Hill, Joost, Daybreak, $4.00 per 100. Medium size, Lawson, America, Prosperity, Hill, Joost, Queen Louise, Norway, Lord, Marquis, Crane, Crocker, Morning Glory, $2.50 per 100.
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Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You'll not regret it.
W. E. Hall, Clyde, O.

Joost and Prosperity, first-class, field-grown carnation plants, $5.00 100; $40.00 1000; 250 at 1000 rate, cash.
Peter Wenk, Ozone Park, L. I., N. Y.

Field-grown carnation plants. 6000 Lawson, 1000 M. Glory, 1000 Wolcott, 1000 W. Cloud at $40.00 1000.
Bassett & Washburn,, 76 Wabash Ave.,Chicago.

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Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
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PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
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Carnation plants from field, planted in 4-in. pots; will give an abundance of flowers at once. Lawson, Wolcott, Queen Louise, Flora Hill at $6.00 per 100. Just the thing for selling as pot plants. C. Winterich, Defiance, Ohio.

Carnations, surplus stock, fine, healthy plants, Joost, Marquis, White Cloud, Guardian Angel and a few others, at $4.00 per 100. Lawson, extra fine, at $6.00 per 100.
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Joost, Hill, Daybreak, Eldorado, No. 1 plants, $4.00 per 100; $35.00 per 1000. Also several other varieties. Write for list and prices. Smith & Gannett, Geneva, N. Y.

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Carnations from field, in fine shape. 1000 Lawson, 1000 Lord, 800 Joost, 600 Prosperity, $4.00 and $5.00 100.
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5000 extra fine Joost carnations, field-grown, $4.00 100, $35.00 1000. Big branchy plants, not culls. W. H. Gullett & Sons, Lincoln, Ill.

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Extra large Scott carnation plants, $3.00 100. They are fine.
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3000 Flora Hill carnations, strong, field-grown, $5.00 100.
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I have left about 4000 Estelle and 200 Prosperity at 5c each.
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White Bonnaffon, White Maud Dean, Ida Barwood, C. H. Diedrichs, L. Leroux, M. Newell, Globosa alba, Lord Hopetoun, Ethelyn, Baden Powell, Percy Plumridge, Harry Plumridge, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, Wm. Duckham, Lelia Filkins, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, Mrs. Geo. Wilkins, Cinna, Mrs. Thirkell, Cecil Cutts, A. J. Balfour, Ben Wells, Mlle. Richardson. Prices on application.
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White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.
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Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin.
Red—Oakland, M. P. Labbe.
Price, 10 cents each; $1.00 doz.
WEITOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemums. Clean, healthy stock ready now.
Bergmann, Monrovia, Shaw, Omega, Halliday, Robinson, Coombes, Appleton, Nellie Pockett, A. J. Balfour, Marie Liger, Pennsylvania, Ivory, $1.00 per doz., $8.00 per 100. Wm. Duckham, 25c each, $2.50 per doz. Cash.
Theo. F. Beckert, Coraopolis, Pa., 9 miles west Pittsburg, Pa.

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CHRYSANTHEMUMS—Continued.

Chrysanthemum stock plants. Robinson, Niveus, Ivory, Mme. Lucie Faure, Modesto, Col. D. Appleton, Major Bonnaffon, Pink Ivory, Autumn Glory, Murdock, Lady Harriet, Thirkell, Mrs. Coombes, Black Hawk, John Shrimpton, Mrs. Jerome Jones, Mme. Bergmann, Polly Rose, Estelle, Harry Parr, 10c each; 75c doz.; $6.00 100. Alice Byron, Maud Dean, Marie Liger, Golden Beauty, Merry Christmas, W. H. Chadwick, 15c each; $1.25 doz.; $8.00 100. Ben Wells, Dr. Frasier, Wm. Duckham, F. A. Cobbold, Leila Filkins, Maynell, S. T. Wright, Henry Barnes, Mary Inglis, Donald McLeod, Harrison Dick, Mildred Ware, Mrs. F. W. Vallis, Gen. Hutton, Mme. Cahuzac, Kimberley, Dr. Enguehard, 25c each; $2.50 doz.
Samuel S. Peckham, New Bedford, Mass.

Chrysanthemum stock plants. Wm. Duckham, Dr. Enguehard, C. J. Salter, Cheltoni, Mrs. Pockett, 20c each. Alice Byron, W. H. Chadwick, Nellie Pockett, Convention Hall, White Bonnaffon, Timothy Eaton, G. S. Kalb, Mutual Friend, Mrs. Coombes, Mrs. W. B. Chamberlain, A. J. Balfour, Maud Dean, Yellow Jones, Yellow Eaton, Goldmine, Yellow Chadwick, Black Hawk, Intensity, Mrs. Carrington, 10c each. Polly Rose, Ivory, Robinson, Mayflower, Merry Christmas, Mrs. Jerome Jones, Clark, Bergmann, Opah, Pink Ivory, Glory of Pacific, Murdock, J. K. Shaw, Mrs. Perrin, Halliday, Bonnaffon, Appleton, Whilldin, Lincoln, Golden Wedding, Sunshine, 6c each.
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Chrysanthemum stock plants, from exhibition blooms.
Wm. Duckham, Dr. Enguehard, John Burton, Helen Frick, Josephine Roussett, 25c each; $2.00 doz.
Mme. Paolo Radaelli, Guy Hamilton, C. J. Salter, Areska, Minnie Bailey, Rustigue, Cremo, A. J. Balfour, Mrs. S. F. Baer, Marie Liger, Mrs. Coombes, Eaton, Orizaba, 15c each; $1.25 doz.
Ivory, Robinson, Bonnaffon, white and yellow; Mrs. Jerome Jones, Yanoma, Gloriosa, J. K. Shaw, Estelle, Wm. Chamberlain, 10c each; $1.00 doz. Cash, please.
HENRY EICHHOLZ, Waynesboro, Pa.

Chrysanthemums. Grand stock plants of the best to date. 2000 Wm. Duckham, 1500 Dr. Enguehard, $2.00 doz., $15.00 100; Miss M. Ware, F. A. Cobbold, Ben. Wells, $2.00 doz.; Mrs. T. W. Pockett, M. Richardson, Mrs. Thirkell, Mrs. Coombes, A. Byron, $1.20 doz. This stock has produced magnificent blooms and will be shipped C. O. D. with the privilege of examination.
Gustav D. Lotze, Glen Burnie, Md.

Chrysanthemum stock plants. Per 100:

F. A. Cobbold..	$12.00	Polly Rose	$ 5.00
Dr. Enguehard ..	12.00	Monrovia	8.00
Marie Liger	5.00	C. J. Salter	8.00
Lady Harriett ..	4.00	Alice Byron	12.00
Mrs. Thirkell ..	9.00	Cheltoni	17.00
Opah	5.00	Duckham..$12 to	17.00

Samuel S. Pennock, 1612 Ludlow St., Phila.

Chrysanthemums. White—Polly Rose, Willowbrook, Ivory, Niveus (grand), Adula (best incurved), Eaton (mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Any 4 for 25c; 20 for $1.00. W. J. Olds, Union City, Pa.

Stock plants of chrysanthemum, good, strong and healthy, $4.00 100, $35.00 1000—Halliday, Oct. Sunshine, Col. Appleton, Eaton, Mme. Perrin, V-Morel, Queen, Maj. Bonnaffon, Polly Rose, Glory Pacific, Bergmann, Ivory. Cash, or C. O. D.
Garfield Ave. Greenhouses, Salem, O.

Chrysanthemums stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Salter, Convention Hall, Chamberlain, Golden Wedding, Balfour, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.
The Summerfield Floral Co., Summerfield, Mo.

Chrysanthemum stock plants. Omega, Bergmann, Bonnaffon, Estelle, Opah, Duvean, Oct. Sunshine, Ivory. 75c per doz., $5.00 per 100. Alice Byron, Halliday, Chadwick $1.00 per doz., $7.00 per 100.
Des Plaines Floral Co., Des Plaines, Ill.

Chrysanthemum stock plants. Now ready Opah, Polly Rose, $5.00 per 100. Monrovia, 10c each, $1.00 per doz. Ready later Wm. Duckham, Cheltoni, Alice Byron, Dr. Enguehard, C. J. Salter.
Larchmont Nurseries, Larchmont, N. Y.

Stock plants, large, strong and healthy, of Glory Pacific, Polly Rose, Willow Brook, Ivory, Pink Ivory, $1.00 doz.; $6.00 100; Monrovia, R. Halliday, $1.00 doz., $7.00 100.
H. Weber & Sons, Oakland, Md.

Merstham Yellow, scored 90 points Oct. 1. It's the finest yellow chrysanthemum in sight. Order now for Jan. delivery. Price: 50c each; $5.00 doz.; $35.00 100.
C. H. Totty, Madison, N. J.

Four early mums. Clementine Touset, Revell de Begles, Roi d'Italie, Merstham Yellow, 50c each, $5.00 doz., $35.00 100.
The E. G. Hill Co., Richmond, Ind.

Stock mums. Estelle, earliest white, 5c.
Dayton Floral Co., Dayton, Ohio.

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Charlesworth & Co., Heaton Bradford, England.

Just received an importation of Cattleya Trianæ, all in good order. Correspondence solicited and inspection invited.
Thomas Jones, Tel. 30 F, Short Hills, N. J.

Cattleya Trianæ, imported plants in splendid condition. Write for special price.
A. T. Boddington, 342 W. 14th St., New York.

Orchids. Complete stock always on hand. Write for list and prices.
Julius Roehrs, Rutherford, N. J.

Orchid peat and leaf-mold. Write for prices.
F. J. Scott, Loyd, N. Y.

PALMS, ETC.

PHILADELPHIA-GROWN PALMS.
KENTIA BELMOREANA.

Pot.	Leaves.	High.	12	100
3-in.	4 to 5	12 to 15 inches	$2.00	$15.00
4-in.	5 to 6	15 to 18 inches	4.50	35.00
5-in.	6 to 7	18 to 20 inches	6.00	50.00
5-in.	6 to 7	20 inches	9.00	70.00
			Each.	12
6-in	6	20 to 24 inches	$1.00	$12.00
6-in.	6 to 7	28 to 30 inches	1.25	15.00
6-in.	6 to 7	30 to 36 inches	1.50	18.00
8-in.	6 to 7	34 to 36 inches	2.50	30.00

KENTIA FORSTERIANA.

Pot.	Leaves.	High	Each.	12
6-in	5 to 6	28 to 30 inches	$1.00	$12.00
6-in	6	30 to 32 inches	1.25	15.00
6-in.	6	32 to 36 inches	1.50	18.00

MADE-UP PLANTS.

Pot.	No. in Pot.	High.	Each.
7-in.	4 plants	32 inches	$2.00
8-in.	4 plants	42 inches	3.00
10-in.	4 plants	48 to 54 inches	5.00
10-in.	4 plants	60 inches	6.50

JOSEPH HEACOCK, Wyncote, Pa.

Kentia Forsteriana, 3-in. pots, 3 plants in pot, 16 to 18 in. high, 8 to 10 leaves, 15c each by the doz.; $12.00 100; $10.00 per 100 in 500 lots; 4-in., 20c. Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 30 to 40 in. high, 75c to $1.00 each. 4-yr.-old Forsteriana, made up plants, 7-in. pots, 40 to 48 in. high with 6 smaller around, about 18 to 20 in. high, $1.50 each. Areca lutescens, 5-in. pots, 3 in pot, 30c; 5½-in., 50c; 6-in., 30 in. high, 3 in pot, 75c. Latania borbonica, 3-in., 50c. Phoenix canariensis, 8-in. pots, 4 ft. high, 4 ft. wide, 14 perfect leaves, $2.00 each. G. Aschmann, 1012 Ontario St., Phila.

Latania borbonica palms, fine, large plants, 12-in. tubs, price $2.00 each.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size, most perfect form, thick velvety petals, and greatest variety of rich and rare colors and markings. Every variety worth growing is in this strain, including all the best giant sorts, and they were grown from seed specially selected from the finest flowers of each sort.
Fine, stocky, field-grown seed-bed plants sowed thinly, all varieties mixed, $3.00 per 1000; 500, $1.75; 250, $1.00. Cash with order. Pansies a specialty for 30 years.
L. W. Goodell, Pansy Park, Dwight P. O., Mass.

Pansy plants, none better, $3.00 per 1000. About 10,000 extra strong at $4.00 per 1000. Forget-me-nots, the best, 50c per 100.
A. Wenisch, Florist, Duncombe Ave., Williamsbridge, New York, N. Y.

Over 200,000 Brown's extra select superb GIANT prize pansy plants, ready for shipment. By mail, 75c per 100; by express, $3.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansies, nice plants, in red, white, blue, black, yellow and purple, separate colors; also mixed kinds, $4.00 per 1000; by mail, 50c per 100. F. A. Baller, Bloomington, Ill.

Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000. J. H. Rainsbury, Bernardsville, N. J.

Pansies. Mme. Perrett and from our own famous strains, 50c per 100; $3.00 per 1000. 2000 per $5.00. J. C. Schmidt Co., Bristol, Pa.

Giant pansy plants from fine seed, 50c per 100, prepaid; $2.25 per 1000; 5000 for $10.00. Cash. Byer Floral Co., Shippensburg, Pa.

Pansy plants, strong outdoor grown; high class mixture, 50c per 100 by mail; $2.50 per 1000 by express. R. Kilbourn, Clinton, N. Y.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

Extra fine strain, stocky pansy plants, $3.00 1000; $25.00 10,000, cash with order.
J. Condon, 734 5th Ave., Brooklyn, N. Y.

100,000 pansy plants, leading trade varieties, $3.00 1000, cash with order.
L. I. Neff, Pittsburg, Pa.

Pansies, finest mixture I ever had, in bud and bloom, $2.50 per 1000.
U. G. Harglerode, Shippensburg, Pa.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansies, transplanted, 75c per 100.
Louis Hoebel, Fort Lee, N. J.

PELARGONIUMS.

Pelargoniums, 20 best named varieties, including Victor, Surprise, Vibert, Countess Dorothy, Raikes, Andre, Vivid, Perkins, Bride, Pansy, Violet, etc., rooted cuttings, $2.50 per 100; 2½-in., $3.50 per 100. J. Sylvester, Oconto, Wis.

Pelargonium rooted cuttings, 10 best varieties, labeled, $2.25 per 100. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Pelargoniums, mixed, 2-in., $3.00 per 100.
E. I. Rawlings, Quakertown, Pa.

PEONIES.

Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100, $75.00 1000. 500 at 1000 rate.
F. A. Baller, Bloomington, Ill.

Ne Plus Ultra, fine for market purposes. 5,000 strong at 10c each. Send for list of others.
Edward Swayne, Westchester, Pa.

Fine collection of peonies including Festiva maxima. For prices write
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, best varieties, 12c.
W. H. Salter, Rochester, N. Y.

PHLOX.

Hardy phlox, field-grown, ten good varieties, $5.00 100. National Plant Co., Dayton, O.

PLUMBAGOS.

Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

POINSETTIAS.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

POINSETTIAS.

	Per 100
3-inch	$8.00
4-inch	15.00
5-inch	$20.00 and 25.00
6-inch	30.00 and 35.00

Strong plants. Satisfaction guaranteed.
Cash with order.
Baur Floral Co., Erie, Pa.

Poinsettias, 2½-inch pots, $6.00 100; $50.00 1000; $200.00 5000.
John Ziegenthaler, 1865 Buckius St., Phila.

PRIMULAS.

Primula obconica fimbriata, 4 colors, full of buds and flowers, extra 5-inch, $10.00 per 100. Chinese fringed, 5-inch, $12.00 per 100. Price will advance. Cash, please.
Wm. S. Hersog, Morris Plains, N. J.

Primula Chinese, Rupp's strain, in 3-in., ready for 4-in., 4c; good Christmas plants. Primula obconica grandiflora in 4 and 5-in., fine plants, 8c.
U. G. Harglerode, Shippensburg, Pa.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula sinensis. Strong plants of our select strain in daybreak pink and bright red, from 3-in. pots, $4.00 100; 2½-in., $2.50 100.
Nathan Smith & Son, Adrian, Mich.

Primula obconica, fine stocky plants, in bud, from 4½-in. pots, 5c each, by express. Try them. Alonzo J. Bryan, New Hampton, N. J.

Primula obconica grandiflora, 2-in., $2.00 per 100; 2½-in., $2.75 per 100; 3-in., $3.50 per 100. N. O. Caswell, Delavan, Ill.

600 primula obconica, strong plants, ready for 3 or 3½-in. pots, $3.50 100 while they last.
Henry Barton, Westfield, Mass.

Chinese primulas, alba and rosea, 2½ in., $2.00 100; Forbesi, 2½-in., $2.00 100.
Storrs & Harrison Co., Painesville, O.

Primroses, 4 and 5-in., $6.00 and $10.00 100. P. obconica, 2½-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

Primula chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula Forbesii, nice stock, 2-in., $1.50 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Primula chinensis, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.
Primulas, 3-in., ready for 4-in., 6c.
W. H. Jones, Lorain, Ohio.

Primula chinensis, 4-in., $6.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

BUSINESS BRINGERS—
Review
Classified Advs.

PRIVET.

CALIFORNIA PRIVET.
Choice plants, well branched and stocky.

		100	1000
3 year, 3 to 4	feet	$3.00	$28.00
3 year, 2 to 3	feet	2.40	22.00
2 year, 3 to 3½	feet	2.50	23.00
2 year, 2 to 3	feet	2.15	18.00
2 year, 1½ to 2	feet	1.75	14.00

Packing free. Cash with order.
Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge
Charles Black, Hightstown, N. J.

California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

California privet, 2-yr., 12 to 24-in., well branched, $12.00 1000. 5000 lots, special price; 1-yr., 12-in., branched, $5.00 1000; 50 specimens, fine, 7-yr., $1.00 each.
Port-Au-Peck Greenhouses, Long Branch City, N. J.

Eisele's privet, cut back, heavy, 2½ to 3½ ft., $30.00 1000. 2-yr., 2 to 2½ ft., strong, $20.00 1000. 1-yr., 12 to 18 in., $12.00 1000. Cash. W. G. Eisele, West End, N. J.

CALIFORNIA PRIVET.
2 to 2½ feet.....$18.00 per 1000
3 to 4 feet..... 24.00 per 1000
Wm. Bryan, Elberon, N. J.

California privet, 1, 2 and 3-year plants, fine and bushy, $10.00, $25.00 and $30.00 1000.
Jas. Ambacher, West End, N. J.

California privet, extra strong, 4c.
W. H. Salter, Rochester, N. Y.

500,000 plants of privet, all sizes up to 4½ feet. Write for prices.
James McColgan, Red Bank, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

ROSES.

Roses, 2 years old. These roses have been potted some time and are well equipped with roots. They have made a nice branching growth and will be sure to please you. Maman Cochet, White Maman Cochet, La France, Helen Gould, Meteor, Kaiserin, Papa Gontier, Marechal Niel, Bride, Bridesmaid, Etoile de Lyon, Clothilde Soupert, Ivory, S. Pierre Notting, Ball of Snow, $1.00 doz.; $8.00 100. All of the above and also Crimson Rambler in 2½-inch pots. These have made a nice growth and are partly dormant. They can be packed light and safely shipped to any parts of the country. $2.50 100; $20.00 1000. Cash with order, please. JOHN A. DOYLE, Springfield, O.

Orders booked now for strong field rose bushes; will begin digging in about two weeks.
Maman Cochet $6.00 100; $50.00 1000
White Maman Cochet.... 7.00 100; 60.00 1000
Kaiserin 10.00 100; 80.00 1000
Cash with order.
C. Akehurst & Son, White Marsh, Md.

Roses, fine 2-yr., field-grown Gen. Jacq. and other best H. P.'s. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX, 20c.
W. H. Salter, Rochester, N. Y.

We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Early new rose cuttings. La Detroit, McArthur, Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons. Write
Geo. A. Kuhl, Pekin, Ill.

Rose of Sharon, dbl. pink, 3-year, bushy, $10.00 100. Crimson Rambler, strong, $10.00 100. Packing free. Cash.
Jas. Ambacher, West End, N. J.

Hardy perpetual standard and dwarf roses. Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

5000 strong 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

Bride, Maid, Ivory and Golden Gate roses, 3-in., $4.00 100; $35.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Dorothy Perkins, extra fine, field-grown, 3 to 4 ft., $10.00 per 100.
Tyler Bros., Du Bois, Pa.

Roses, Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ROSE STOCKS.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
G. Aschmann, 1012 Ontario St., Phila.

Rubbers, large leaves from the bottom up, 5, 6 and 7-in. pots, 20c, 25c and 30c each; 10% discount in 100 lots. Cash.
A. Mirring, East St. Louis, Ill.

Ten large bushy rubber plants for sale, suitable for stock; cheap.
C. L. Reese, 772 So. Limestone St., Springfield, O.

Rubbers, top layers from 4-in. pots, 8 to 12 large leaves, $2.50 per doz. Cash.
J. F. Allen, Orlando, Fla.

30 6-in. at 35c ea. or $10.00 the lot. Cash, or C. O. D.
Garfield Ave. Greenhouses, Salem, O.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Ficus, 4-in. pots, 12 to 15 in. high, $2.00 doz.
R. Vincent, Jr. & Son, White Marsh, Md.

Ficus elastica, 24 inches high, 40c each.
National Plant Co., Dayton, O.

Ficus, 6-in., $40.00 100; 4-in., $22.50.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

SALVIAS.

Salvia splendens, fine lot of rooted cuttings, $1.00 per 100 by mail.
Atlantic Coast Nurseries, Office, 606 4th Ave., Asbury Park, N. J.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent Jr. & Son, White Marsh, Md.

Salvias, plain and spotted leaves, 2½-inch, $2.50 100. National Plant Co., Dayton, O.

Salvia splendens, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Salvia splendens cuttings, 75c 100.
F. E. Bonham, Macomb, Ill.

SEEDLINGS.

SEEDLINGS	Per 100	Per 1000
Daisies, white and pink mixed...	.30	$2.50
Pansies	.40	3.00
Sweet william	.40	3.00
Foxglove	.50	

Cash, please.
F. BOEHME, Box 252, Bloomfield, N. J.

Delphinium formosum and Lychnis chalcedonica seedlings, a few hundred good plants left, $1.00 per 100. Geo. Engel, Xenia, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

SEEDS.

Cyclamen giganteum seed. Rawson's ROYAL STRAIN is unsurpassed in substance, size and color. We offer fresh crop seeds in pure white, soft pink, salmon pink, brilliant crimson, bright red, delicate mauve and white with claret base. Per 100 seeds, $1.00; per 1000, $9.00. Quantity limited. W. W. Rawson & Co., Boston, Mass.

Nichols medium green cucumber seed. We make a specialty of growing only this variety and can fill all orders promptly. Cucumber seed grown in California is stronger in vitality and is more prolific than seed grown elsewhere. Write for price, stating quantity desired.
Johnson & Musser Seed Co., Los Angeles, Cal.

Cyclamen giganteum, mixed, 200 seeds, $1.00; one-half pkt., 50c. Giant pansies, mixed, 5000 seeds, $1.00; one-half pkt., 50c. Chinese primrose, single and dbl., mixed, 500 seeds, $1.00; one-half pkt., 50c.
John F. Rupp, Shiremanstown, Pa.

Sweet, field and pop corn, cucumber, melon and squash seed. We have a surplus to offer. Send for samples and get our price before placing orders.
A. A. Berry Seed Co., Clarinda, Iowa.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-80 E. Kinzie St., Chicago.

New crop Shasta daisy seed, trade pkt., 25c; 1 oz., $5.00; 1 lb., $50.00. Prepaid. Cash, or C. O. D. Loomis Floral Co., Loomis, Cal.

Long Island cabbage seed and American cauliflower; also other special seed stocks.
Francis Brill, Hempstead, L. I., N. Y.

Asparagus plumosus nanus seeds, our own growing, 75c 100; $5.00 1000. Cash.
Hopkins & Hopkins, Chepachet, R. I.

Turnip, parsnip, beet and onion seeds; also sweet corn. Write for prices.
Everett B. Clark Co., Milford, Conn.

We invite correspondence from the seed trade of the United States.
W. W. Johnson & Son, Ltd., Boston, England.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Stocks. Princess Alice, pure white, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

Fresh Areca lutescens seed, $3.00 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SELAGINELLAS.

Selaginellas, 2-in., $2.25 per 100.
E. I. Rawlings, Quakertown, Pa.

Selaginellas, 4-in., $7.00 per 100.
J. S. Bloom, Riegelsville, Pa.

SMALL FRUIT PLANTS.

First class black and dewberry plants, $3.95 per 1000. George Sines, Pomerania, N. J.

SMILAX.

Smilax plants, strong, thrifty, 2-in. pots, $1.00 per 100; $9.00 1000; 3-in., $2.00 100.
R. Kilbourn, Clinton, N. Y.

Smilax, large, healthy plants, 2-in., $1.25 per 100; $10.00 per 1000.
O. B. Stevens, Shenandoah, Iowa.

100,000 smilax, good and strong, $2.00 100, $15.00 1000. Cash.
Garfield Ave. Greenhouses, Salem, O.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax, fine plants out of 2½-in., $1.25 100; $10.00 1000. J. C. Schmidt Co., Bristol, Pa.

Extra strong smilax from 3-in. pots, $1.25 100. A. Duebendorfer, Elwood, Ind.

Smilax, 2½-in. pots, $1.75 100; $15.00 1000.
Converse Greenhouses, Webster, Mass.

Smilax, 2-in., 75c 100; seedlings, 25c 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

STEVIAS.

Stevia, 2½-in., strong, $18.00 per 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Stevia, 4-in. pots, $5.00 per 100.
Converse Greenhouses, Webster, Mass.

STOCKS.

Stocks, Boston Florists' and Princess Alice, strong plants from seed bed, 75c per 100; 2½-in. pots, $2.00 per 100.

Pansies, strong, from imported seed. Trimardeau, Giant Yellow, Mme. Perrett, etc., $2.50 per 1000.

Alyssum, dbl. Giant, rooted cuttings, 75c per 100. J. H. Rainsbury, Bernardsville, N. J.

Cut and come again. Princess Alice, pure white, from seed bed, 60c per 100. Seed, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

SWEET WILLIAMS.

Sweet williams, dbl. mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY—White Plume, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.

LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.

Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Lettuce plants. Big Boston and Boston Market, strong transplanted, $1.50 per 1000; smaller, $1.00 per 1000. Cash with order.
C. Lawritsen, Box 262, Rhinebeck, N. Y.

Asparagus roots, Palmetto and Barr's mammoth, 2-yr., $3.00 1000; 1-yr., $2.50 1000.
J. H. O'Hagan, Little Silver, N. J.

Lettuce plants, Grand Rapids, $1.25 1000. Parsley, extra double curled, $1.25 1000.
S. J. Perry, Lock Box 33, Grand Rapids, Mich.

Parsley, large field-grown plants, 25c per 100; $1.25 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Lorillard tomato plants, true pot plants, $2.00 100; $17.00 1000. Benj. Connell, W. Grove, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Myrtle, Vinca minor, field-grown, strong clumps, $6.00 100; $50.00 1000. Vinca major, for 4-inch pots, $5.00 100. Cash.
F. Boehme, Box 252, Bloomfield, N. J.

550 Vinca variegata, $2.00 100 or the lot for $10.00.
Port-An-Peck Greenhouses, Long Branch City, N. J.

Myrtle (vinca minor), delivered now or in spring, $10.00 per 1000. Sendfor stock list.
S. J. Galloway, Eaton, Ohio.

VIOLETS.

Marie Louise and Campbell violets, 500 good clumps from field, per 100, $4.00. 500 3-inch Campbell, per 100, $3.00.
Geo. Engel, Xenia, Ohio.

Violet plants, Marie Louise, no spot; small plants from soil, $1.50 per 100.
R. Kilbourn, Clinton, N. Y.

Violets, Marie Louise, field-grown plants, cheap. Write for prices.
C. M. Hemala, Buckley, Ill.

Field-grown California and Princess of Wales violets, strictly first-class stock, from sand-rooted cuttings, $5.00 per 100.
Fred E. Hollard, Highland, Ill.

Violets, A1 stock from 3-in. pots; also field-grown Lady Campbell, $4.00 100; $35.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Marie Louise violets, field-grown, $5.00 per 100; pot-grown, 3-in., $3.00 per 100.
I. N. Kramer & Son, Cedar Rapids, Iowa.

2000 strong, field-grown Lady Campbell, $3.50 per 100. Otto H. Bourdy, Lowell, Mass.

500 Princess of Wales from field, $6.00 per 100. R. D. Kimball, Waban, Mass.

Violets Lady Campbell, field-grown, $4.00 100.
Converse Greenhouses, Webster, Mass.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000.
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NOTES ON A NEGLECTED PLANT.

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If a few pots are set into a warm

greenhouse in January or February they will produce their umbels of chaste, hawthorne-scented flowers throughout March. Plants will stand a fairly high temperature, but then the syringe must be freely used, as red spider and thrips are apt to disfigure the foliage if kept too warm and dry.

As much syringing spoils the flowers, it is better not to subject the plants to a high temperature till flowering is over, when it is advisable to give a little more heat and moisture in order to "draw" the young growth a little, as these plants naturally make short and stocky growth, which is not so useful for cutting as when drawn a few inches longer. When flowering is over, potting should have attention, and plants trimmed into shape a bit if necessary, and, if convenient, given a little more heat for a few weeks as advised. They should be gradually hardened off and finally set out in the open by the end of June and kept carefully watered, when they will complete and ripen their growth and insure a crop of bloom for another spring.

Cuttings of the young growth, with or without a heel of older wood, root freely in spring in any ordinary cutting compost, set into a propagating pit, where some bottom heat is afforded, and pots should be kept fairly moist till cuttings are rooted.

Unless they can be rooted early, young plants are better not pinched, because, flowering as they do on the points of the young shoots, young plants unpinched give one good truss; whereas, if pinched the resultant breaks are often too late to ripen properly, and fail to flower next spring altogether. In fact, no pinching of young growth should be practiced on either old or young plants, as they can be kept in shape by cutting back freely when growth is starting in spring.

Good fibrous loam with a dash of leaf-mold and sand is a good potting medium, though a little peat may be given cuttings at their first shift, which should be into 4-inch pots. Plants in large pots will do for several years with an annual top dressing, and occasional waterings with weak liquid manure when in full growth. Any light, frost-proof structure will keep the plants safe in winter until wanted again for spring use.—Gardening World.



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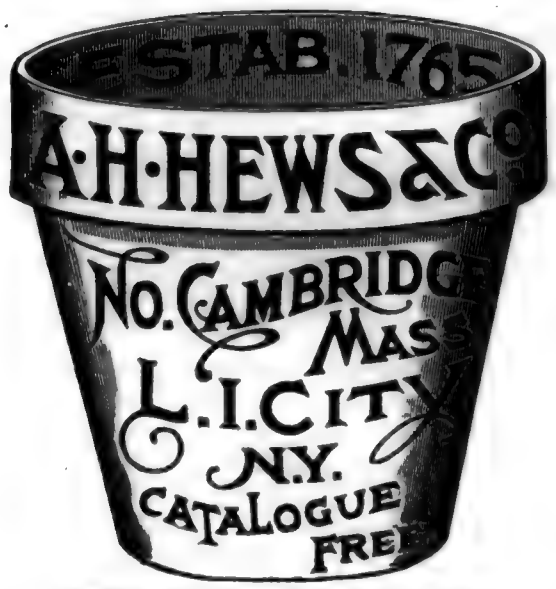
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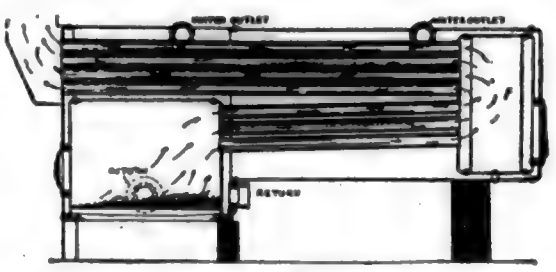


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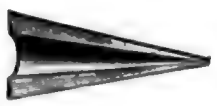
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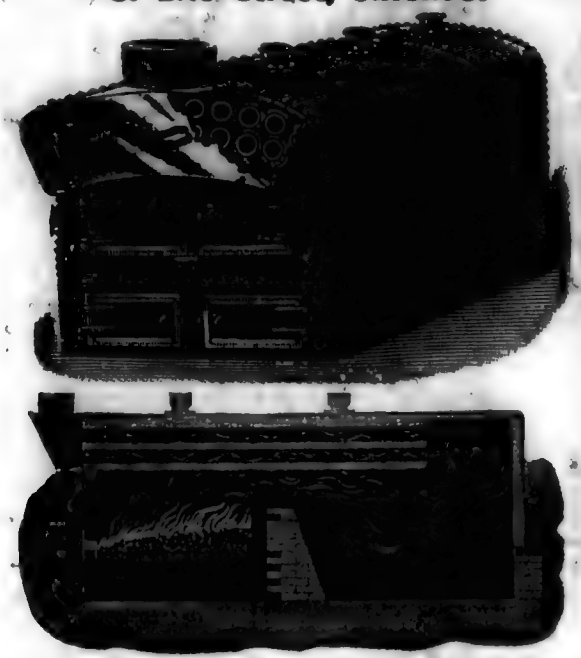
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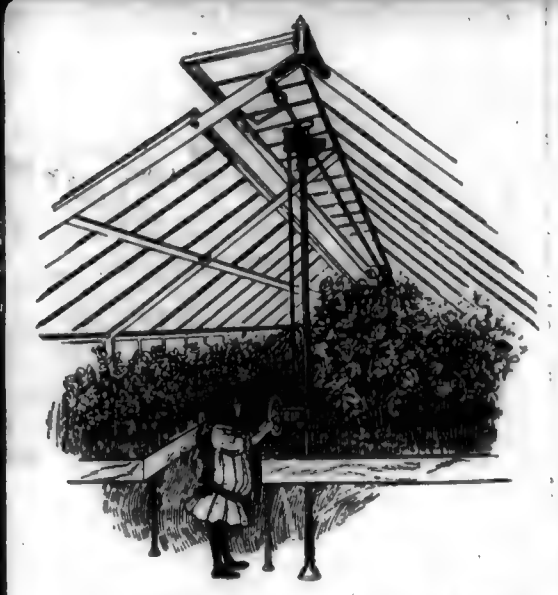
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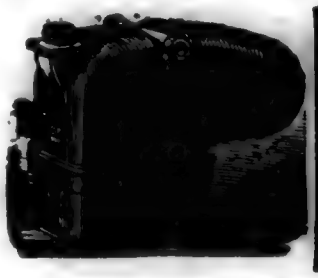
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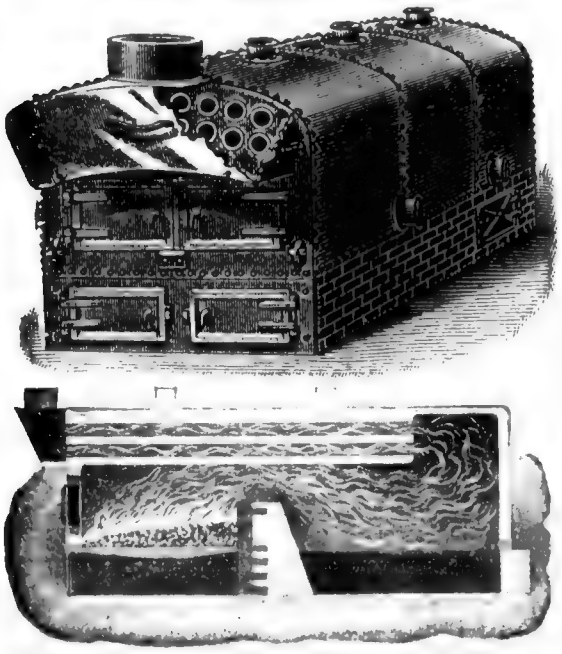
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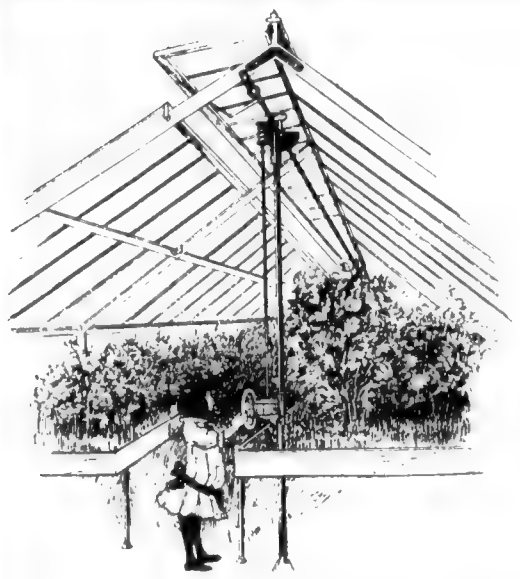
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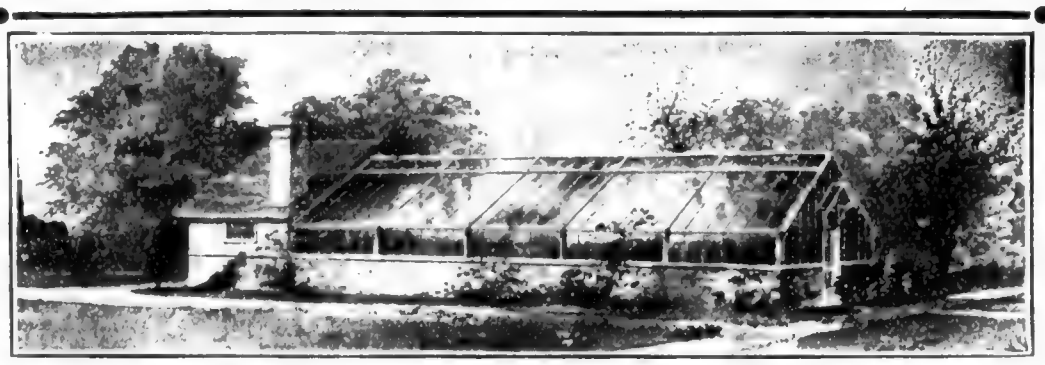
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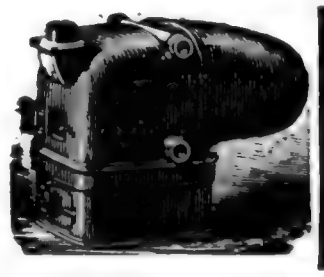
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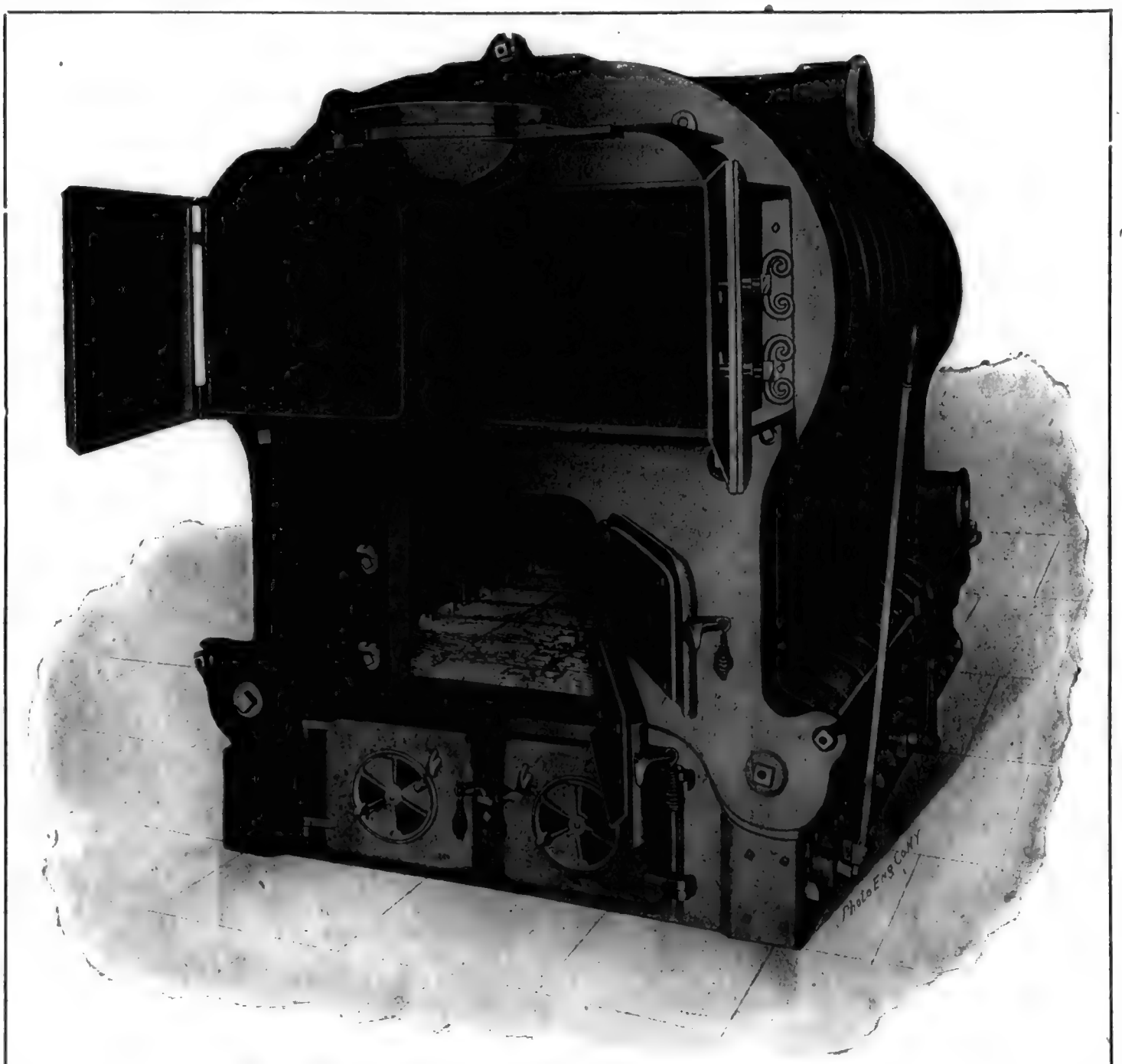
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Merstham Yellow,	An Enormous Reflex, Scored October 1st ..	90 points

All at 50c each, $5.00 per dozen; $35.00 per 100, for Early Delivery in 1905.

Out of 85 September flowering sorts we have selected a set of 12 for $3.00, ready in Feb., 1905. These are a beautiful lot, including "Polly," Jason, Parisiana, etc. All fine companions for the beautiful variety, "Carrie." We have also stools of the famous Wells-Pockett set, Duckham, McLeod, Etherington, Filkins, Fitzroy and the rest at $3.00 per dozen stools, one of a kind if desired.

THE E. G. HILL CO., RICHMOND, IND.

Holly and Green

CHRISTMAS TREES

Special attractive prices on early orders. SEND US A LIST TO FIGURE ON.

Last consignment from Japan of

LILIUM LONGIFLORUM MULTIFLORUM

due in Chicago November 1. 7-9 inch, $4.50 per 100; $40.00 per 1000.

Well-ripened bulbs from the last diggings.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie st., CHICAGO.

CARNA

BOOK ORDERS EARLY.

THANKSGIVING

We shall have large supplies of

Mums, Roses, Violets and Orchids

We have a reputation for filling orders when all others fail, but advance knowledge of our customers' requirements is sometimes a great help.

Thanksgiving Price List.

SUBJECT TO CHANGE WITHOUT NOTICE.

BEAUTIES—	Per doz.
Extra long stem	$5 00 to $6 00
24-inch stem	3 00 to 4 00
20-inch stem	2 50 to 3 00
15-inch stem	2 00
12-inch stem	1 50
Short stem	1 00

	Per 100
BRIDES	4 00 to 8 00
BRIDESMAIDS	$4 00 to $8 00
LIBERTIES	6 00 to 10 00
PERLES	3 00 to 6 00
GOLDEN GATE	3 00 to 6 00
ROSES, our selection	3 00
CHRYSANTHEMUMS	10 00 to 20 00
CARNATIONS	1 50 to 2 00
" fancy	2 50 to 4 00
VIOLETS	75 to 1 50
VALLEY	$3 00 to $5 00
ADIANTUM	1 00
SMILAX, per doz	1 25 to 1 75
GALAX, gr., 1000, $1 25	20
" br., " 1 50	20
FERNS, per 1000, 1 50	20
Asparagus Sprengeri	2 00 to 3 00
" Plumosus	2 00 to 3 00
" " strings,	50 00

Wire or phone if you run short, We do the rest.

.....NOVEMBER SALE.....

During the month of November we will offer special prices on staple goods, as follows:

WHEAT SHEAVES, 25 per cent off. CYCAS LEAVES, all sizes, 33⅓ per cent off.

The above offer is made on any catalogue issued in Chicago, our firm's or others.

Best White Wax Paper, 24x36, Ream 400 count, $1.60 net.

KENNICOT

Wholesale Commission Florists.

40-42-44 Randolph St.,

Long Distance Telephone Central 466.

TIONS!

BOOK ORDERS EARLY.

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24-inch	3 00 to 4 00
20-inch	2 50 to 3 00
15-inch	2 00
12-inch	1 50
Short	1 00

	Per 100
BRIDES	4 00 to 8 00
BRIDESMAIDS	$4 00 to $8 00
LIBERTIES	6 00 to 10 00
PERLES	3 00 to 6 00
GOLDEN GATE	3 00 to 6 00
ROSES, our selection	3 00
CHRYSANTHEMUMS	10 00 to 20 00
CARNATIONS	1 50 to 2 00
" fancy	2 50 to 4 00
VIOLETS	75 to 1 50
VALLEY	$3 00 to $5 00
ADIANTUM	1 00
SMILAX, per doz	1 25 to 1 75
GALAX, gr., 1000, $1 25	20
" br., " 1 50	20
FERNS, per 1000, 1 50	20
Asparagus Sprengeri	2 00 to 3 00
" Plumosus	2 00 to 3 00
" " strings,	50 00

Wire or phone if you run short. We do the rest.

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The above offer is made on any catalogue issued in Chicago, our firm's or other's.

Best White Wax Paper, 24x36, Ream 400 count, $1.60 net.

T BROS. CO.

Dealers in Florists' Supplies.

Long Distance Telephone
Central 466.

CHICAGO, ILL.

WIETOR BROS.

51 WABASH AVE.
CHICAGO, ILL.

WHOLESALE GROWERS OF

CUT FLOWERS

We produce First Grade Stock in such great quantities that we can fill shipping orders for Select Stock at any time. A large cut all fall, and a FULL CROP for

THANKSGIVING

On BEAUTIES we are always in the lead. All the TEAS of best quality. Carnations as few others grow them. All the latest varieties of MUMS grown to perfection.

THANKSGIVING PRICE LIST

American Beauty—				Perle	per 100,	$4.00	to $6.00
Extra long stem	per doz.,	$5.00	to $6.00	Ivory	"	5.00	to 8.00
24-inch stem	"	3.00	to 4.00	Liberty	"	5.00	to 10.00
20-inch stem	"	2.50	to 3.00	Meteor	"	5.00	to 8.00
15-inch stem	"		2.00	Roses (our selection)	"		4.00
12-inch stem	"		1.50	Carnations, ordinary	"	2.00	to 3.00
8-inch stem	"		1.00	Carnations, fancy	"		4.00
Bridesmaids	per 100,	5.00	to 8.00	Mums, fancy	per doz.,	2.50	to 3.00
Bride	"	5.00	to 8.00	Mums, ordinary	"	1.50	to 2.00
Golden Gate	"	5.00	to 8.00				

ALL OTHER STOCK AT LOWEST MARKET RATES—NO CHARGE FOR PACKING.
PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

"BUY OF THE GROWERS"

PETER REINBERG

GROWER AND WHOLESALER OF

CUT FLOWERS

51 Wabash Avenue, **CHICAGO**

A MILLION FEET OF MODERN GLASS IN

Roses and Carnations!

THE LARGEST CUT FLOWER ESTABLISHMENT IN AMERICA.

Send us your ....order for **THANKSGIVING**

and get the freshest stock, with best keeping quality, and the assurance of a large supply which can only come from a million feet of modern glass.

....THANKSGIVING PRICE LIST....

BEAUTIES—	Per doz.
Extra select	$6 00
36-inch stems	5 00
30-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 50
15-inch stems	2 00
12-inch stems	1 50
Short stems	1 00

	Per 100
BRIDE	$5 00 to $8 00
MAIDS	5 00 to 8 00
METEORS	5 00 to 8 00
GOLDEN GATE	5 00 to 8 00
CHATENAY, best grade,	8 00 to 10 00
" good grade,	4 00 to 6 00

	Per 100
SUNRISE	$5 00 to $8 00
LIBERTY	4 00 to 10 00
IVORY	5 00 to 8 00
PERLE	4 00 to 6 00
CARNATIONS	2 00 to 3 00
" fancy	4 00

SUBJECT TO CHANGE WITHOUT NOTICE.

ROSES, OUR SELECTION, $4.00

THANKSGIVING!

"MUMS," VIOLETS, VALLEY, SOUTHERN WILD SMILAX

THANKSGIVING PRICE LIST

ROSES

BEAUTIES, 30 to 36-in. stems	per doz.,	$4.00 to $6.00
BEAUTIES, 20 to 24-in. stems	"	2.50 to 3.00
BEAUTIES, 15 to 18-in. stems	"	2.00
BEAUTIES, 12-in. stem	"	1.50
LIBERTY	per 100,	4.00 to 10.00
LIBERTY, Select, Extra	"	10.00 to 12.00
CHATENAY	"	4.00 to 10.00
BRIDES and BRIDESMAID	"	4.00 to 8.00
KAISERIN	"	5.00 to 10.00
METEORS	"	4.00 to 8.00
PERLES	"	3.00 to 8.00
Our Selection	"	4.00

CARNATIONS

CARNATIONS	per 100,	$1.50 to 2.00
CARNATIONS, Fancy	"	3.00 to 4.00

GREENS

ASPARAGUS PLUMOSUS	per string,	50c to $1.00
ASPARAGUS PLUMOSUS, Sprays, bunch,		40c to .50
SPRENGERI	bunches,	35c to .50
ADIANTUM	per 100,	75c to 1.25
SMILAX, Choice	per string,	15c to .18
FERNS, Fancy	per 1000,	1.50
GALAX LEAVES, Green	"	1.25
GALAX LEAVES, Bronze	"	1.50
WILD SMILAX, Parlor Brand, small size,		3.00
WILD SMILAX, " medium size,		4.00
WILD SMILAX, " large size,		5.00

MISCELLANEOUS

VALLEY	per 100,	$3.00 to 4.00
CHRYSANTHEMUMS	per doz.,	1.00 to 4.00
VIOLETS	per 100,	1.00 to 1.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

A. L. VAUGHAN FREDERICK SPERRY

VAUGHAN & SPERRY

60 WABASH AVENUE,—WHOLESALE FLORISTS—Chicago, Ill.

Mention The Review when you write.

SINNER BROS.

58-60 Wabash Ave.

CHICAGO.

Thanksgiving Price List

BEAUTIES	Per doz.
Long stemmed	$5.00 to $6.00
30-inch	4.00
24-inch	3.00
20-inch	2.50
15-inch	2.00
12-inch	1.50
Short stemmed	.75 to 1.00
	Per 100
Bride	$4.00 to $8.00
Bridesmaid	4.00 to 8.00
Meteor	4.00 to 8.00
Gate	4.00 to 8.00
Chatenay	4.00 to 10.00
Liberty	4.00 to 10.00
Carnations, good	1.50 to 2.50
" fancy	3.00 to 4.00
Violets	.75 to 1.50
Mums, good per doz.	1.50 to 2.00
" fancy "	2.50 to 3.00
Valley	4.00
Callas per doz.	1.50
Asparagus, strings, each	.50
" sprays, bunch	.50
" Sprengeri	2.00 to 4.00
Adiantum	1.00 to 1.25
Smilax per doz.	1.50

Give us your

THANKSGIVING ORDER

Being located in the Growers' Market, with large supplies from our own greenhouses and the stock of two-score of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders.

Give us your Thanksgiving order now, you won't be disappointed.



A VIEW IN ONE CORNER OF THE FLOWER GROWERS' MARKET, 58-60 WABASH AVE., CHICAGO.
(OTHER VIEWS WERE SHOWN IN RECENT ISSUES.)

IF, as has been demonstrated, the Flower Growers' Market in Chicago enjoys the favor of the local buyers, who make it their place of first call each morning, and if, as is the fact, the out-of-town buyers are rapidly finding out that the Market is the place where growers and their representatives make it their business to look out for the customers' interests, whether the buyer is present or not, these being the facts, Mr. Grower, doesn't it follow that the Market is the place to do **your** selling? True, there is now more stock on the stands in the Market each day than is received in any other wholesale house in the West, but so are there more buyers there, and their number is constantly on the increase. Furthermore, the growers there are not in competition. They each help the other, for buyers go where the most stock is to be found. The more growers, the more stock, and the more buyers. It is an admirable arrangement. The busy hours at the Market are 8:00 to 9:30 a. m., and stock not reserved for orders is usually cleaned out promptly, so that it does not take a grower's whole time. Come in any morning and see the pace at which business moves along, and talk with the manager and the present stand-holders. You can arrange to have your stock sold here without giving up any of your personal time to it, if you so desire.

THE PRESENT STAND-HOLDERS IN THE MARKET ARE:

Beu, Frank,
Blondeel, F. Co.,
Brant, D. Wood,
Chicago Carnation Co.,
Crabb & Hunter,
Des Plaines Floral Co.,
Downers Grove Floral Co.,
Hills, Fred R.,
Johnson & Carlson,
Jones, Percy, Growers' Representative,
Moore, N. C. & Co.,
Sinner Bros.,
Stollery Bros.,
Swanson, John A.,
Then, Anton,
Tonner, Walter L.,
Vaughan & Sperry, Florists' Supplies and Growers' Representatives,
Vaughan's Seed Store,
Wiffin, Chas.

COME IN ANY MORNING AND SEE WHAT BUSINESS LOOKS LIKE.

THE FLOWER GROWERS' CO.

58-60 WABASH AVE. **PERCY JONES,** MANAGER. **CHICAGO, ILL.**

Your Rose and Carnation Supplies

WILL BE ABSOLUTELY satisfactory if you get them from us, BECAUSE they are fresh, carefully handled, grown in the ideal soil, in one of the largest and best equipped Greenhouses, and shipped direct from our cooling rooms to you. Other dealers tell us we give them the best service they ever had. Why don't you try it a few times? : : : : : : : :

Heller Brothers,
NEW CASTLE, IND.

60 Wabash Avenue, - CHICAGO.

FLOWER GROWERS' MARKET

PERCY JONES

Cut Flowers at Wholesale

Extra Fancy Chadwick, Bonnaffon and Jones Chrysanthemums, Princess of Wales Violets, Enchantress and Lawson Carnations.

All grades of Carnations, Maids, Brides and Perles
Unlimited quantities of high quality Adiantum, Smilax, Bulb Stock, Sprengeri

GIVE ME YOUR ORDERS AND YOU'LL BE GLAD

DON'T WORRY

When you want Chrysanthemums, right, quick and cheap, call on us. We have had the prize winners for the last two years at the leading exhibitions, and our Mums are better this year than ever before.

REMEMBER WE ARE SHIPPING SPECIALISTS

and **grow** the flowers we ship, and we **guarantee** to ship **only first day's cut,** and to ship the best that the market affords and always at the market prices. Your interests are safe with us, because we have no other interests but yours. We issue every week a price list, and if you wish to receive it send us your name on a postal card.

WEILAND & RISCH,

LEADING WESTERN GROWERS AND SHIPPERS OF CUT FLOWERS. 59 WABASH AVE., CHICAGO.

C. W. McKELLAR

HEADQUARTERS FOR

Long Distance Phone, Central 3598

51 Wabash Avenue, CHICAGO.



ORCHIDS and all Fancy Flowers ..and.. Decorative Stock

For **Thanksgiving**

Thanksgiving Price List takes effect Monday, November 21st.

ORCHIDS, a specialty	Per doz.
Cattleyas	$6.00 to $7.00
Dendrobium Formosum	4.00 to 5.00
Ass't Orchids, per box	5.00 to 25.00
Beauties, Extra Fancy	5.00 to 6.00
" 24 to 36-in. stems	3.00 to 4.00
" 15 to 24-in. stems	2.00 to 2.50
" 8 to 12-in. stems	1.00 to 1.50
Short stems	.50 to .75
	Per 100
Brides, Maids, Kaiserin	$4.00 to $8.00
Liberty, Chatenay, Ivory	$4.00 to $8.00
Perles, Sunrise, Gates	4.00 to 8.00
Roses, my selection	5.00 to 6.00
Carnations, large fancy	3.00 to 4.00
" medium, good stock	2.00 to 2.50
Valley, select	3.00 to 4.00
Chrysanthemums, fancy	15.00 to 25.00
" good grade	10.00 to 12.50
Small Mums	5.00 to 8.00
Violets	.75 to 1.50
	Per 100
Callas	$12.50 to $15.00
Harrisii	15.00 to 18.00
Greens, Smilax Strings, per doz.	1.50
Asparagus strings, each	.40 to .50
" Plumosus, Sprengeri, bunch	.25
Adiantum	1.00 to 1.25
Ferns, common, per 1000	1.50
Galax, Green, Bronze, "	1.50
Leucothoe Sprays	.75
Wild Smilax, per case	$3, $4, $5, $6

Early orders requested. All telegraph and telephone orders given best possible attention. All flowers in season. Prices subject to change without notice.

ANNOUNCEMENT FOR : : : : : **THANKSGIVING**

Our cuts are just beginning and will be on at the heaviest for the Thanksgiving business, with quality second to none in this market. We shall be fixed to give our customers even better service than usual. A TRIAL WILL CONVINCE YOU. It will be to your advantage, as well as ours, if orders are placed early, thereby assuring best selection of stock.

Fancy Mums Yellow, white and pink, extra fancy, $2.50 to $4.00 per doz., good stock, $1.50 to $2.50 per doz.

Beauties Extra long, fancy stock, large buds, $3.50 to $5.00 per doz., 12 to 18-inch, $1.00 to $2.00 per doz., 18 to 24-inch, $2.00 to $3.50 per doz.

Tea Roses Brides, Maids, Meteor, Gate, Chatenay, Kaiserin and Liberty, extra select, $6.00 to $8.00 per 100, select $5.00, seconds, $3.00 to $4.00.

Carnations All the leading varieties; quality unsurpassed; extra fancy, $3.00 to $4.00 per 100, select $2.00 to $2.50; common $1.50.

Violets Being home grown these are extra fine and fragrant, single and double, 75c to $1.50 per 100.

Valley Heavily flowered spikes, large bells, $3.00 to $4.00 per 100.

All other stock at current market prices. Prices subject to change without notice.

J. A. BUDLONG, Grower and Wholesaler of Cut Flowers

37-39 Randolph St., Long Distance Phone, Central 3120 Automatic 9923 Chicago.

AT THE SIGN OF JACKROSE TRADE MARK

FOR **THANKSGIVING!**

PLENTY OF

MUMS
CARNATIONS
BEAUTIES

And other Standard **Roses, Violets,** etc. Headquarters for all **GREENS** and "Superior Quality" Brand **WILD SMILAX.** Chicago market quotations.

A DAILY SHIPMENT
FROM 40 TO 50 GROWERS

THERE MUST BE A REASON FOR OUR LARGE and steadily increasing shipping trade. We believe it is because of the fact that buyers appreciate our ability to supply the right kind of stock at the right time. As the old saying goes: "THE PROOF OF THE PUDDING IS IN THE EATING," and if you are not already with us, a trial order is all that we need in order to furnish the "proof." Write, telephone or telegraph.

CHICAGO MARKET QUOTATIONS

CATALOGUE FREE

E. F. WINTERSON CO., CHICAGO

45, 47 AND 49 WABASH AVE.

EXHIBITION CHRYSANTHEMUMS

Beauties — Roses — Carnations — Violets

THANKSGIVING PRICES

BEAUTIES—		
30 to 36-inch	per doz.,	$4.00 to $5.00
24-inch	"	3.00 to 4.00
20-inch	"	2.00 to 3.00
15-inch	"	1.50 to 2.00
12-inch	"	1.00 to 1.50
Short	per 100,	5.00 to 8.00
Brides, Maids, Chatenays,	"	4.00 to 7.00
Meteors, Ivory, Gates,	"	4.00 to 7.00
Liberty	"	5.00 to 8.00
CARNATIONS—		
Medium	per 100,	1.50 to 2.00
Fancy	"	2.00 to 3.00
Extra Fancy	"	3.00 to 4.00
CHRYSANTHEMUMS—		
Medium	per 100,	6.00 to 10.00
Fancy	per doz.,	2.00 to 3.00
Extra Fancy	"	3.00 to 4.00
VIOLETS—		
Single	per 100,	.60 to 1.00
Double	"	1.00 to 1.50
VALLEY—Superior	"	.... 4.00
FERNS	per 1000,	.... 1.50
ADIANTUM	per 100,	.... 1.00
SMILAX	per doz.,	1.50 to 2.00
ASP.—Strings	each,	.40 to .60

All Other "Green Goods."

MUM MID-SEASON IS ON US, and our offers in this line include Exhibition Stock, Standard Varieties and Decorative Sorts. We can please you on CHRYSANTHEMUMS and BEAUTIES in abundant supply, quality the very best. TEAS in goodly numbers and reasonable prices for the Choice Grades we offer.

CARNATIONS, VIOLETS, VALLEY and GREENS enough to supply and of such quality to please the most critical.

SELECTED WILD SMILAX

Always on Hand—The Best.

25 Pound Case Parlor	$3 00
35 Pound Case Medium	4 00
50 Pound Case Large	5 00

On WILD SMILAX WE ARE ABSOLUTELY HEADQUARTERS

WE OWN MORE
COMMON FERNS
than anyone in the **WEST.**
PERSONALLY INSPECTED STOCK.
BUY THE BEST AT NO HIGHER PRICE

THERE IS A REASON.
QUALITY!

WE ISSUE EACH WEEK
(Saturdays) a complete
MARKET REPORT AND PRICE LIST
There are 1,500 Florist customers who receive this list. Cannot we also **send it to YOU?**
IT IS TO BE HAD FOR THE ASKING!

E. H. HUNT

ESTABLISHED —1878— WHOLESALE FLORIST, TELEPHONES— CENTRAL 1751 AUTOMATIC 3072

76-78 Wabash Ave., - - CHICAGO, ILL.

THE NEW YORK CUT FLOWER COMPANY

J. A. MILLANG, Manager.

55 and 57 West 26th Street.
Telephone 756 Madison Square.

WHOLESALE FLORISTS.

DAILY REPORTS.

The Finest American Beauties in the Land

The LARGEST number and the BEST handled daily by any Commission House in the world. Special MAIDS and GATES the year around. The ONLY house handling the BRIDE Carnation. : : : : : : : : : : : : :

WEEKLY PAYMENTS.

THE NEW YORK CUT FLOWER COMPANY

THANKSGIVING GREETINGS
FROM
CHARLES MILLANG

WHOLESALE FLORIST { 50 WEST 29th ST. Tel Nos. 3860-3861 Madison Sq. } **NEW YORK CITY**

Nothing more attractive for growers in New York than our improved facilities for handling CUT FLOWERS of every description. : : : :

OUR CONSERVATORY always stocked with Choice Plants, Palms and Flowering Stock of every description for the convenience of our city patrons. Shipments made daily to any part of the country. We have made every preparation for double the business of any year in our history.

COME AND SEE US! Visit our convenient Headquarters and be convinced. The Highest Prices and most prompt payments guaranteed our growers. We invite criticism and investigation. We open every morning at 6 o'clock. Our "Early Market" is for the special convenience of our Retail Patrons.

A Special Department, very light and well ventilated, for the display of immense quantities of Lilies, Violets, Roses and Chrysanthemums for

THANKSGIVING

WE WISH BOTH OUR GROWERS AND PATRONS A PROSPEROUS SEASON

CHARLES REMEMBER THE ADDRESS MILLANG

50 WEST TWENTY-NINTH STREET

REFERENCES: ANY RELIABLE HORTICULTURAL HOUSE IN NEW YORK CITY.

RETAILERS!

Our Supply is Unlimited
Write for Price List.
Reliable Shipments to out-of-town FLORISTS made daily

NO BETTER FLOWERS ANYWHERE

ALEX. J. GUTMAN

52 W. 29th St., New York

TELEPHONE 1664-1665 MADISON

WHOLESALE FLORIST

GROWERS

IF
not satisfied with present arrangements give me a trial
I am confident I can please you

THE ONLY HOUSE

HANDLING THE NEW

Scarlet Seedling CARNATION

(To be Disseminated in 1906)

VICTORY

THANKSGIVING

ORDERS for any amount can be supplied on short notice. Large and small orders cheerfully accepted.

OUR PRICES SAME AS OTHERS, NO HIGHER, NO LOWER. Others Quote Prices — WE HAVE THE GOODS.

—....OF

AM. BEAUTIES

SELECT MAIDS, BRIDES, LIBERTY, CARNATIONS

Absolutely no better Flowers shipped from this market than we have. We will be especially heavy on AMERICAN BEAUTIES. Remember this. Select Stock Cut specially tight for long distance shipments.

GEO. REINBERG — 51 Wabash Ave. CHICAGO

REED & KELLER

122 West 25th Street, **New York.**

Our Own Original and Exclusive Fall and Holiday Novelties.

Golf Sets for Chrysanthemums and American Beauties.
Gipsy Kettles and Tripods.
Decorated Wooden Shoes. Wooden Shoes Plain.
Lichen Unique Novelties.
Mail Pouches for Violets.
Leaf Staples. Stackalites.
Immortelle Bells, Wreaths, Stars, etc.
Plushine Bells, Balls, etc.
Folding Bells, Domestic.
Folding Bells, Imported.
Folding Balls, Imported.

Write to us on the subject of **BELLS** before purchasing elsewhere. We are the largest importers and manufacturers of Bells and Paper Novelties in the United States. :: :: :: :: :: :: :: :: ::

WIRE YOUR REQUIREMENTS FOR THE HOLIDAYS AND WE WILL SHIP WITHOUT DELAY.

THANKSGIVING GREETINGS TO ALL OUR FRIENDS AND CUSTOMERS.

REED & KELLER, 122 W. 25th St., New York.

Immortelle Christmas Bells and Foral Novelties

C. S. FORD, 1417 Columbia Ave., Philadelphia, Pa.

MANUFACTURER OF

Immortelle Floral Novelties and Dealer in Florists' Supplies

ESTABLISHED 1881

Our Immortelle Designs are made by skilled and experienced workers and must not be compared with the cheap and poor work made by others.

Our Christmas Bells are made on wire frames true to shape. The Immortelles are glued on, one flower at a time, and they are dove-tailed in such a skillful manner that each flower protects the other, preventing them fraying out in the center, giving the finished work a velvety appearance. The Bells are trimmed with natural green Moss (which is better than the sawdust used by others) and tied with red ribbon bows. The larger sizes have 'Merry Christmas" in gold letters on the streamers of the ribbon. The finished piece is done up in neat red boxes ready for sale.

A Trial Order will convince florists of the superiority of these goods over any other kind offered to the trade to-day and they will find them just the thing for Christmas Sales to please the most fastidious.

PRICE LIST—SEASON 1904

Immortelle Bells

Red, White or Pink.

	Per doz.	Per 100
3-inch	$3 00	$22.50
4-inch	4 00	30 00
5-inch	6.00	45.00
6-inch	9.00,	with

Merry Christmas Ribbons

Red, White or Pink Balls

4-inch, $4.50 per doz.; $35.00 per 100
5-inch, $6.00 per doz.; straight
6-inch, $9 00 per doz.; straight
7-inch, $12 00 per doz.; straight

Single Red or White Stars

	Per doz.	Per 100
3-inch	$0.75	$5.00
4-inch	1.00	8.00
5-inch	1.50	12.00
6-inch	2.00	15.00
7-inch, raised	3 00,	straight
5-inch, Double Stars.	3.00,	straight
6-inch, Double Stars.	4.50,	straight

Red Cornucopias

To be filled in with Holly Berries. Violets. Valley, etc. Trimmed with Silk Cords, Red Ribbon Bows and 'Merry Christmas" in gold letters.

	Each	Per doz.
5-inch	$0.50	$6 00
6-inch	0.75	9.00
8-inch	1.00	12.00
12-inch	1.50	18.00
15-inch	2.00	24.00
18-inch	2.50	30.00

Larger sizes in Proportion

Trumpets Arranged with Silk Cords and Merry Christmas Ribbon, suitable for hanging to Basket Plants, Chandeliers, etc. Sizes and prices same as Cornucopias.

Other designs, such as **Banjos, Guitars and Violins**, @ $1.00 each.

Immortelle Letters and Society Emblems a Specialty

Send for Price List for this line of goods.

N. B.—For $5 00 cash we will send a sample line as follows: Bells, 4 sizes; Balls, 3 sizes; Stars, 4 sizes; 1 each, Trumpet, Cornucopia and Musical Instruments—Banjo, Guitar or Violin, a total of $5.78 in value. Keep this for reference, as this price list will not appear again.

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AND
WHITESTONE, L. I.

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In 1, 2, and 3-inch decorated Japanese pots, $15, $20 and $25 per 100.

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Largest Growers of Easter Lilies.

Fine Azaleas and Wistaria

5 TO 15 SHOOTS RHAPIS 50 CENTS EACH.

JAPANESE NOVELTIES.

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BULB BARGAINS!

WHITE ROMAN HYACINTHS

	Per 100	Per 1000	Per Case	
12-15 Cms	$2 50	$23 00	2,000	$45 00
13-15 Cms	3 00	27 50	1,600	43 20

CHINESE SACRED NARCISSI

Per Basket of 30 bulbs	$1.00
Per Mat of 120 bulbs	3.60

TULIPS (Mixed, Single or Double)

	Per 100	Per 1000
Superfine, large bulbs	$0.65	$6.00

SINGLE TULIPS

	Per 100	Per 1000
Artus, dark scarlet	$1.00	$ 9.00
Bizard Verdict, orange yellow	.70	6.75
Cardinal's Hat, dark red	.75	7.25
Chrysolora, pure yellow	.80	7.50
Couleur Ponceau, rich cerise	.80	7.75
Duc Van Thol, rose	2.00	18.00
" " " yellow	2.00	17.00
" " " crimson	1.00	9.25
" " " gold striped	.90	8.00
Pottebakker, scarlet	1.60	14.75
" yellow	1.10	10.50
Princess Marianne, white	1.00	8.00
La Reine, white	$ .70	$ 6.00
Standard, Royal silver, white and crimson	1.50	13.00
Duc d'Orange, yellow	.90	8.00
Pax Alba, white	.80	7.50
Lac van Ryn, violet and white	.75	6.50
Van Gooyen, cerise	.90	8.00
Brutus, orange crimson, gold margin	1.00	8.50
Fire Flame, scarlet	.90	7.50
Arms of Leiden, white and red	.90	7.50
Eleonora, violet	1.10	9.50
Duchess de Parma, yellow and orange	.80	7 00
Rachel Ruisch, fine rose	.90	7.50

DOUBLE TULIPS

	Per 100	Per 1000
Alba Maxima, white	$1.40	$13.00
Duc Van Thol, red and yellow	.70	6.00
Gloria Solis, red, yellow border	1.20	11.00
Rex Rubrorum, scarlet	1.10	10.00
Yellow Rose	.80	7.00
La Candeur, white	$1.10	$10.00
Duke of York, carmine and white	1.00	9.50
Imperator Rubrorum, scarlet	2.20	20.00
Tournesol, red and yellow	1.50	14.00

MAY FLOWERING TULIPS

	Per 100	Per 1000
Golden Crown, yellow	$ .80	$ 7.50
Gesneriana, scarlet	1.20	11.00
Golden Eagle, yellow	.80	7.50
Bizarres, mixed	$ .70	$ 6.75
Bybloemen, mixed	1.10	10.00
Darwins, mixed	1.80	12.00

Parrot Tulips, mixed, 75c per 100. $6.75 per 1000.

Crocus, large bulbs, separate colors, 20c per 100, $1.75 per 1000.

Arthur T. Boddington

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BASKETS, WIRE FRAMES, WHEAT SHEAVES, CHRISTMAS BELLS

METAL OR WAX DESIGNS

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Sigmund Geller

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NOVELTIES which will turn out regular money-makers for the scores of my customers, obtained at our annual European scouring tour and at hand NOW.

Embossed Plain and Plaited Crepe Paper,

Waterproof Japan Two-Tone Silk Crepe Paper,

Novel Bark Goods, Wonderfully Popular.

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GRASS GROWING PIGS Very amusing and interesting. The latest Novelty. Selling wherever shown.

RED PAPER CHRISTMAS FOLDING BELLS

GET MY QUOTATIONS BEFORE PURCHASING.

Many other Novelties too numerous to mention. Jobbers please apply for discounts.

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March 15, 1904

No. 754,782

A medium priced Bell, but as good as the best that has ever been put on the market. Perfect and graceful in shape, bright and attractive in color. They are strongly and firmly made—easily handled—no chance for breakage.

We introduced these **ALPHA BELLS** last year in the large eastern cities, and could not fill one fourth of our orders before the season for them had fairly started. We have prepared for this emergency this year, and are now in a position to fill all orders with promptness and dispatch. The West and the South are comparatively new fields for our **ALPHA BELLS** and we believe that there is not a town—no matter how small it may be—where florists and others could not do a good business, as our **ALPHA BELL** is just the thing that is wanted for a medium priced quick selling Christmas article. They also make a pretty store, window or general holiday decoration, and one that is bound to become very popular.

Our **ALPHA BELLS** are made in 2½, 4¾, 5¾, 7, 9, 12 and 15-inch size, and are conveniently packed one dozen in a box. Price lists to dealers sent on request. For the convenience of those who would like to see a sample of our **ALPHA BELL** we will mail a sample of 4¾-inch bell postpaid upon receipt of 20 cents to cover cost of postage and packing.

L. WERTHEIMBER & CO.,

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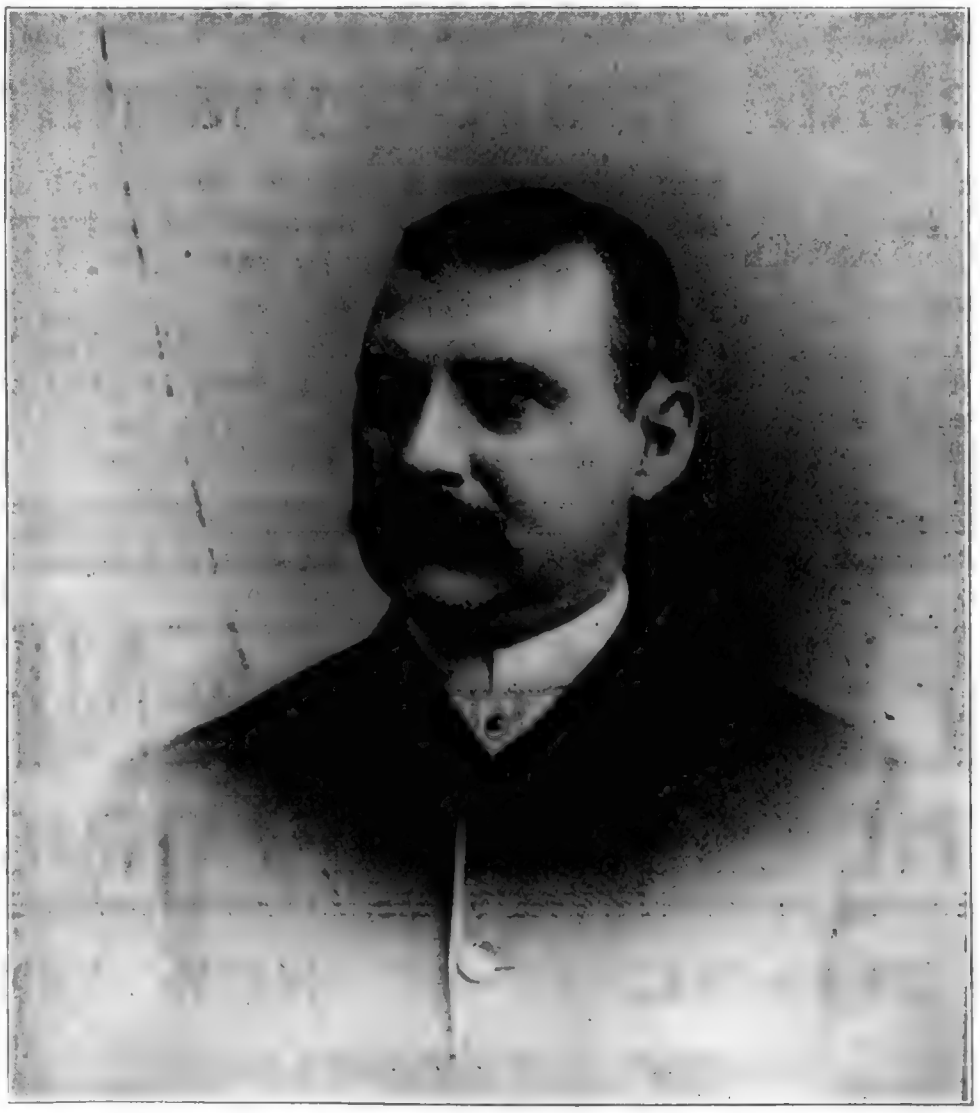
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IT WILL BE A GREAT "THANKSGIVING."

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JOHN A. FOLEY, Manager,

is developing rapidly and promises to become a very important addition to our business.

We invite the confidence of out-of-town florists, and have

EVERYTHING for THANKSGIVING.

Remember the address and telegraph or write us to-day.

Your CUT FLOWERS, SMILAX, ASPARAGUS, GALAX, FERNS and everything you need can come in the same shipment.

LET US BOOK YOUR ORDERS NOW AND BE IN TIME FOR THE HOLIDAY.

...FOR THE...

Thanksgiving Holiday

WE ARE PREPARED to furnish the choicest line of Cut Flowers ever offered in this market. As growers of first quality **BEAUTIES, BRIDES, MAIDS, LIBERTIES** and other roses, we have built up a reputation well known all over the country. This season's stock is fully up to our high standard. We will convince you if you will favor us with a trial order. We handle a superior line of **CARNATIONS,** including the latest novelties. Extra fine **MUMS** in variety, **VIOLETS, LILIES, VALLEY** and every kind of stock in season.

SEE THE **ADVERTISEMENT** OF THE NEW BENTHEY ASTER ON OPPOSITE PAGE

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH STREET, CHICAGO

TWO GRAND NEW ASTERS

BENTHEY'S WHITE
BENTHEY'S PINK...



THE ABOVE CUT shows a vase of BENTHEY'S WHITE with flowers from four to five inches in diameter, and stems from thirty to forty inches in length. These two varieties will produce more first-class salable flowers than any Aster now in commerce. They are pronounced by both grower and consumer **THE FINEST ASTERS EVER SEEN IN CHICAGO,** and were the **FAVORITE ASTERS IN THE CHICAGO AND ST. LOUIS MARKETS** the past season. Read what some of the prominent Florists say:

"The Asters received are a fine lot—the best we have ever seen." JOHN BREITMEYER'S SONS, Detroit, Mich.

"We have handled the Benthey Asters in large quantities the past season and found it the best seller we have ever handled, and sold at double the price of any other variety in the market." P. J. HAUSWIRTH, Chicago, Ill.

"It is the best Aster I ever handled both for cut flowers and design work. Hope you will have more next season, as I know the demand will be great." J. J. BENEKE, St. Louis, Mo.

"We have seen the New Benthey Aster, and consider it the best in the market. When you are ready to place the seed on the market kindly inform us, as we are anxious to grow some next season." NANZ & NEUNER, Louisville, Ky.

☞ The Seed of the TWO VARIETIES will be ready for distribution January 1, 1905.

For further information, write:

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH STREET, CHICAGO

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TO BE THE **LEADING FLORISTS' SUPPLY HOUSE.**

Remember, by ordering to-day
you will be THANKFUL on NOVEMBER 24th.

YOUR CUSTOMERS WILL THEN HAVE

The Prettiest Creations in CREPE PAPERS,
The Neatest POT COVERS, the Most Stylish BRIDAL SCARFS,
The Newest BASKETS FOR MUMS, etc.

And all the requisites that make a GREAT HOLIDAY PROFITABLE.

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R-E-A-D-Y FOR DELIVERY

	12	100	Case 250
SPIRAEA Japonica, large clumps	$ .60	$3.75	$8.75
Spiraea Compacta Multiflora, large clumps	.70	4.50	10.50
Spiraea Astilboides Floribunda	.80	5.00	11.00
Spiraea Gladstone or Superba—the best	1.20	8.00	18.00
The Finest Forcing GLADIOLI,			
Colvillei Alba The Bride, pure white	.10	.65	6.00
Colvillei Rosea, rosy red	.10	.65	6.00
Delicata. **Blushing Bride, Earliest of All,** white with rosy marking	.80	2.00	18.00
Exquisite for cut flowers, opening all blooms at one time. A NOVELTY			

	12	100
AMARYLLIS Belladonna, rose	$1.10	$8.00
Amaryllis Formosissima, scarlet, large bulbs	.60	5.50
Amaryllis Johnsoni, red and white	2.75	20.00
Amaryllis Vittata Hybrida, the finest sorts grown, all shades in rose and red, white striped 60c each	6.00	....
LILIUM LONGIFLORUM—JAPAN STOCK.		
6x8	.40	2.75
7x9	.60	4.25

FRESH SEEDS.

	100 Seeds	1000 Seeds
Asparagus Plumosus Robustus, the King of the Market	$1.25	$10.00
Asparagus Decumbens, very beautiful for hanging baskets	.60	5.00
Asparagus Sprengeri	.15	1.00
KENTIA—Belmoreana or Forsteriana. Crop 1904. 5000 seeds, $15.00	.50	4.00

New Fern spores from New Zealand—Doodia Media. Trial packet, 10c. Trade packet, 50c.

BARGAIN TABLE OF SURPLUS BULBS

	100	1000
Hyacinths, French Roman, white, 11x13	$2.00	$18.00
Hyacinths, French Roman, white, 12x15	2.25	21.00
Hyacinths, French Roman, rose	1.80	17.00
Tulips, double mixed, superfine	.60	5.50
Tulips, Named in **single** or **double**	....	....
Spanish Iris mixed	.20	2.00
Pure White, yellow, blue or purple, separate	5.00	40.00
Anemone, single, double or fulgens	....	....
Freesia Refracta Alba, ⅜ x ¾ inch	.30	2.50

	100	1000
CALLA ÆTHIOPICA. Superb stock, all with fine center shoots, 3 to 5-inch circumference	2.00	18.00
4 to 6-inch circumference	4.00	35.00
5 to 7-inch circumference	5.00	...

A few cases only left. Lil. Harrisii, 5x7,
Per case of 400.....$7.00. Per 100.....$2.00

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To Arrive. Lily of Valley, finest stock grown			
Empress Brand, Berlin	$1.50	$12.00	$27.50
Very fine grade, Berlin	1.25	10.00	22.50

Lil. Auratum, Lil. Rubrum, Lil. Album due by November 15th. SEND US YOUR ORDER.

FERNS for Fern Dishes in best assortment, from flats.....100, $1.50; 1000, $12.00. From 2¼-inch pots....100, $3.00; 1000, $25.00

Address any inquiry you wish to us for information, for estimates, etc. **H. H. BERGER & CO., 47 Barclay St., NEW YORK CITY.**

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OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs,
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FLORISTS' SUPPLIES,
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Hanfling & Kleppner,
Manufacturers and Importers of all kinds of
Basket Novelties Our Specialty, Pot Covers
Call now and save money by securing your Christmas supplies.
114 West 28th Street, Between 6th and 7th Aves., **New York.**

WORLD'S FAIR FLOWER SHOW

The World's Fair Flower Show was opened by an address by President D. R. Francis, in the Palace of Horticulture at the St. Louis exposition on Monday, November 7, and is proving a success equal to the most sanguine expectations of its most enthusiastic promoter. It may be said without fear of stretching the truth that this is the greatest flower show ever held in the United States. The wealth of exhibits is such as to tax the capacity of the very large conservatory at the disposal of the management. As an example of the way the stock came out for the very liberal premiums offered it may be cited that in the classes for 100 blooms of cut chrysanthemums there were seven entries of white, six of yellow and six of pink, every one of them grand. The display was equally strong in nearly every class, the third prize being almost invariably awarded.

The only feature in which the show is in any way below the standard of the best ever seen in this country is in specimen chrysanthemum plants. In this particular department Boston holds the first place, the west showing no such enormous or well trained plants as are frequently seen in the halls of the Massachusetts Horticultral Society. The plants exhibited are, however, of very good character, judged by western standards.

Manager Hauswirth was confronted by a very heavy task in the caring for and arrangement of the very great number of exhibits, an immense quantity of stock being rushed into his hands within a few brief hours. That he has been so successful in the arrangement of the stock is an evidence of the wisdom of the choice which placed him at the head of affairs. It is difficult to see how the material could have been disposed to better advantage. The show is certainly as attractive as it would be possible to make in a building of such unattractive architectural design. The bare walls and posts naturally add to the difficulties of the manager, but the general effect as one enters the hall is very fine indeed. Good use of wild smilax and autumn foliage has been made. The St. Louis florists rendered invaluable aid in staging the show.

The very liberal manner in which Chief Taylor, and the World's Fair officials have co-operated has aided materially in the success of the show. The advertising has been most effective and the attendance from the opening has been most gratifying. The attendance on Monday was very large, on Tuesday larger and Wednesday saw a still further increase. It is thought that the show will be a complete financial success if the weather for the balance of the week is such as to favor large attendance. Certainly nothing like such crowds have been seen in the vicinity of the Horticulture building since the exposition opened, and therein the show has served its purpose with the exposition management and with the trade.

There are a large number of trade visitors present and much direct business benefit will be derived from the opportunity afforded for the examination of the many meritorius novelties. On Thursday afternoon there is to be a meeting of the St. Louis Florists' Club and a conference of horticulturists under the auspices of the exposition. The show will remain open until 10 p. m. on Saturday evening.

Following are the awards announced up to Wednesday evening, November 9:

The following were the awards for twenty-five cut blooms chrysanthemums:

White, E. G. Hill Co., Richmond, first on Eaton; H. W. Buckbee, Rockford, second on Convention Hall; Nathan Smith & Son, Adrian, third on Mrs. Smith.

Light yellow, E. G. Hill Co., first, on Cheltoni; Bassett & Washburn, Chicago, second, on Yellow Eaton; H. W. Buckbee third, on Percy Plumeridge.

Deep yellow, W. J. & M. S. Vesey, Fort Wayne, first on Appleton; H. W. Buckbee second, on Mrs. Thirkell; Bassett & Washburn third, on Appleton.

Light pink, E. G. Hill Co. first, on Enguehard; the B. K. & B. Floral Co., Richmond, second, on W. Duckham; H. W. Buckbee third, on Duckham.

Deep pink, John Breitmeyer's Sons, Detroit, first, on J. A. Balfour; H. W. Buckbee second, on Balfour; Smith & Son third, on Morel.

Red, H. W. Buckbee first, on Thos. Humphrey; G. Teilmann, Marion, Ind., third, on Intensity.

Bronze, H. W. Buckbee second, on Donald McLeod; no first.

"Any other color," H. W. Buckbee first, on Mrs. T. Carrington.

On thirty-six blooms, three colors, W. J. & M. S. Vesey first, on Enguehard, Eaton and Golden Wedding; E. G. Hill Co. second, on Gen. Hutton, Lord Hopetoun and Montford; H. W. Buckbee third.

On six blooms one variety the awards were as follows:

White, Gunnar Teilmann first, on Merza; Smith & Son second, on Mrs. Smith; H. W. Buckbee third, on Alice Byron.

Light yellow, G. Teilmann first, on Yellow Eaton; H. W. Buckbee second, on C. J. Salter; Smith & Son third, on Philadelphia.

Deep yellow, H. W. Buckbee first, Smith & Son second, W. J. & M. S. Vesey third, all on Appleton.

Light pink, H. W. Buckbee first, on Duckham; G. Teilmann second, on Enguehard; B. K. & B. Floral Co. third, on Duckham.

Deep pink, H. W. Buckbee first, on Baden Powell; W. J. & M. S. Vesey sec-



A Section of the World's Fair Flower Show, St. Louis, November 7-12.

ond, on Hitzeroth; Smith & Son third, on Morel.

Red, Smith & Son first, on Henry Barnes; E. G. Hill Co. second, on S. T. Wright; G. Teilmann third, on Wright.

Bronze, H. W. Buckbee first, on Quo Vadis.

"Any other color," W. J. & M. S. Vesey second, H. W. Buckbee third; no first.

Twenty-five blooms in twenty-five varieties, H. W. Buckbee first, E. G. Hill Co. second, Breitmeyer's Sons third.

Twelve blooms in twelve varieties, E. G. Hill Co. first, H. W. Buckbee second, W. A. Chalfant, Springfield, Mo., third.

Collection fifty varieties shown on mossed boards, Smith & Son first, H. W. Buckbee second, E. G. Hill Co. third.

Same, twenty-five varieties, E. G. Hill Co. first, Smith & Son second, H. W. Buckbee third.

Same, twelve varieties, E. G. Hill Co. first, H. W. Buckbee second, W. A. Chalfant third.

One hundred blooms white, Breitmeyer's Sons first, with Majestic; E. G. Hill Co. second, on Mrs. Buckbee; Bassett & Washburn third, on Eaton.

One hundred yellow, E. G. Hill Co. first, on Yellow Eaton; B. K. & B. Floral Co. and H. W. Buckbee divided second and third premiums on Appleton and W. J. & M. S. Vesey received honorable mention, also for Appleton. This was the closest competition in the show; six entries.

One hundred pink, W. J. & M. S. Vesey first, on Morel; H. W. Buckbee second, on Duckham; G. Teilmann third, on Duckham.

Collection of pompons, Smith & Son first, E. G. Hill Co. second.

Collection oddities, E. G. Hill Co. first, Smith & Son second.

For chrysanthemum plants the awards were:

One white, Vaughan's Greenhouses, Western Springs, Ill., first, with Mutual Friend; H. W. Buckbee second, with Mrs. Buckbee.

One yellow, Vaughan first, with F. S. Vallis; Buckbee second, with C. J. Salter.

One pink, Vaughan first, with Duckham; Buckbee second, with Leila Filkins.

One "any other color," Vaughan first, with Etherington; Buckbee second, with Longley.

One single, Vaughan first.

Three standards, Vaughan first, Buckbee second.

Three standards, not over 24-inch stems, Vaughan first, Buckbee second.

Twenty-five single stems, H. W. Buckbee first, with Percy Plumeridge; Vaughan second.

Best group of chrysanthemum plants for effect, Missouri Botanical Garden first, Japanese government second.

Grafted plant, Vaughan; one entry.

Collection cut blooms of orchids, Lager & Hurrell, Summit, N. J., second; no first.

Collection orchid plants, H. G. Selfridge, Lake Geneva, Wis., special mention.

Group ferns, Vaughan first, F. R. Pierson Co., Tarrytown, second.

Collection decorative plants, Schray & Son first, C. De Wever second, Young & Sons third, all St. Louis exhibits.

Araucarias, Vaughan first, A. J. Bentzen, St. Louis, second.

Gloire de Lorraine begonias, J. A. Peterson, Cincinnati, first; A. Jablonsky, Wellston, Mo., second.

Berried plants, Vaughan first, Schray & Son second.

Hamper of plants, Schray & Son and F. C. Weber, St. Louis, divided second money.

For Shaw gold medals there were fourteen entries. Awards were made to F. R. Pierson Co. for the improved Piersoni, to John Scott for Nephrolepis Scottii and to Vaughan's for Baby Crimson Rambler.

On classes for 100 roses, shown on Tuesday, the awards were as follows:

American Beauty, Poehlmann Bros. Co., Chicago, first; Peter Reinberg, Chicago, second; Bassett & Washburn, Chicago, third; Benthey-Coatsworth Co., Chicago, fourth.

Liberty, Bassett & Washburn first, Peter Reinberg second.

Meteor, Wietor Bros., Chicago, second; no first awarded.

Bridesmaid, Poehlmann Bros. first, Weiland & Risch, Chicago, second; Benthey-Coatsworth Co. third; seven entries.

Bride, Poehlmann Bros. first, Peter Weiland, New Castle, Ind., second; Bassett & Washburn third.

Golden Gate, Poehlmann Bros. first, Peter Reinberg second.

Chatenay, Bassett & Washburn first, Poehlmann Bros. second, Peter Reinberg third.

Fifty La Detroit, Breitmeyer's Sons first, Bassett & Washburn second.

Collection of not less than eight varieties, Poehlmann Bros. first, with Beauty, Meteor, Perle, Maid, Sunrise, Chatenay, Gate, Bride; Breitmeyer's Sons second, with Bon Silene, La Detroit, Sunrise, Bride, Cusin, Perle, Beauty, Maid, Kaisarin, Meteor; Peter Reinberg third.

On table decorations, exhibited on Wednesday, the W. L. Rock Floral Co., Kansas City, was first, Fred H. Rowe second.

On carnations, 100 blooms, the awards were as follows:

White, Breitmeyer's Sons first, on White Lawson; Chicago Carnation Co. second, on Lady Bountiful; J. D. Thompson Carnation Co. third on The Belle.

Light pink, Breitmeyer's Sons first, Poehlmann Bros. second, Chicago Carnation Co. third, all on Enchantress.

Dark pink, W. J. & M. S. Vesey first, on Lawson; Poehlmann Bros. second, on Lawson; Thompson Carnation Co. third, on Nelson Fisher.

Scarlet, Breitmeyer's Sons first, on Flamingo; Thompson Carnation Co. second, on Estelle; W. J. & M. S. Vesey third, on Estelle.

Crimson, Chicago Carnation Co. first, Breitmeyer's Sons second, Wietor Bros. third, all on Harlowarden.

"Any other color," W. J. & M. S. Vesey first, on Glendale; Thompson Carnation Co. second, on Mrs. Patten; Dorner & Sons Co., La Fayette, Ind., on Mrs. Patten.

On fifty blooms the awards were:

White, Thompson Carnation Co. first, on The Belle; W. J. & M. S. Vesey second, on The Belle.

Light pink, Thompson Co. second and Poehlmann Bros. third, on Enchantress; no first.

Dark pink, Poehlmann Bros. first, on Lawson; Thompson Co. second, Breitmeyer's Sons third, both on Nelson Fisher.



A View of the World's Fair Flower Show, St. Louis, November 7 to 12.



One of the Decorative Groups at the World's Fair Flower Show.

Scarlet, Peter Weiland second, on Estelle; Thompson Carnation Co. third, on Robert Craig; no first.

Crimson, Chicago Carnation Co. second, Bassett & Washburn third, both on Harlowarden.

Variegated, Thompson Carnation Co. first, W. J. & M. S. Vesey second, both on Patten.

Best vase of 100, seedlings admissible, Chicago Carnation Co. first, on Fiancee; Thompson Carnation Co. second, on Robert Craig; E. G. Hill Co. third, on Cardinal; Dorner exhibited a very fine mixed vase.

THE BOSTON EXHIBITION.

Very great credit is due to the committee of arrangements of the Massachusetts Horticultural Society, particularly to J. K. M. L. Farquhar, James Wheeler and Robert Cameron, for the very effective decoration of the various halls on the occasion of the visit of the Chrysanthemum Society of America at Boston, November 3 to 6. The red brick walls of the main exhibition hall were masked with evergreens, spruce and pine being used to form a suitable background for the varied colors of the chrysanthemums. The effect of this arrangement was most charming, especially in the evening, when the building was flooded with electric light. As was expected, the projected show at the World's Fair affected the show to some extent, as some western growers who had entered exhibits did not appear, the big premiums at St. Louis no doubt proving too attractive. While competition in the cut flower classes fell below expectations, some of the prominent local growers staying at home for various reasons, there was still a magnificent show and the specimen plants were marvelous examples of cultural skill, such as Boston only can produce. The date of the show was a trifle early for some growers. A week later would have been better, more especially for the pot plants.

The principal tussle in the pot plant section occurred in the class for eight specimens. The competition was so close that it took the judges a long time to decide between the first and second prize groups. Eventually the coveted honor fell to William Anderson, gardener to H. Dumaresq, who also won the same prize in 1903. Mr. Anderson's plants were superbly grown. His varieties were Kate Broomhead, Mrs. J. G. Breer, John Shrimpton, Mrs. R. H. Pearson, Black Hawk, Mrs. F. A. Constable, Arethusa and Miss Agnes Dalskov. A very close second was D. F. Roy, gardener to E. S. Converse, who had beautifully trained and flowered plants. His varieties were Robert Halliday, Black Hawk, Mrs. J. R. Traintor, Arethusa, Theo, Golden Gate, The Bard and A. J. Balfour. J. Nylan, gardener to J. S. Bailey, was third. He showed, among others, excellent specimens of Yanariva, Mrs. F. A. Constable, Wm. Duckham, Col. Appleton and Millicent Richardson.

For three specimens Japanese incurved, Mr. Roy won, with beautiful plants of Louis Boehmer, Dr. Enguehard and R. H. Pearson. William Anderson was second and third. For three reflexed, Mr. Roy was again in the lead, showing Red Warrior, Mrs. J. G. Breer and Yanariva. Robert Marshall, gardener to E. W. Converse, was second, with Red Warrior, The Bard and Mrs. J. R. Traintor. For one specimen pompon, Mr. Marshall led with a grand plant of that best of all pompons, Savannah, Mr. Anderson being second with the same variety. For one reflexed Mr. Anderson was first, with Red Warrior, Mr. Marshall being second and third. For "any other variety" Messrs. Roy, Nylan and Marshall led in order named. For two specimens anemone-flowered Mr. Roy won, with Garza and Red Robin. The first named was a magnificent specimen, in our estimation the most meritorious and certainly the most admired in the hall. It carried over 800 flowers and was a wonderful example of cultural skill.

For twelve specimens in 6-inch pots, grown to a single stem, James Nicol was in the lead, Mr. Roy taking second and third prizes. The large groups of chrysanthemums arranged for artistic effect, interspersed with foliage plants, were extra good. The use of the single varieties, especially Mizpah, as a bordering was quite effective and these small varieties seemed to be more popular with many visitors than the big specimen blooms. Wm. Thatcher, gardener to Mrs. John D. Gardner, won in this class for an extensive and tastefully arranged group. D. F. Roy was a good second and E. A. Clark, Wm. Riggs, gardener, third. Most of the chrysanthemums in these groups were naturally grown and only sufficient training done to secure the desired effect.

For the Josiah Bradlee special prize for twenty-five blooms in twenty-five varieties there were five entries. William A. Riggs

was a good first, with very fine blooms well staged. His varieties were Lady Hanham, E. Fitzroy, Henry Barnes, William Duckham, Nellie Pockett, Brutus, Dr. Enguehard, Ben Wells, Leila Filkins, Maynell, Mrs. E. Thirkell, Mutual Friend, Merza, Australia, Master Tucker, F. S. Vallis, General Hutton, Kate Broomhead, Mrs. T. L. Park, Mrs. J. A. Millar, Yellow Eaton, W. A. Etherington, H. J. Jones and Mrs. J. Mileham. Wm. Abraham, gardener to P. W. Moen estate, was a good second and Michael Byrne, gardener to Thomas Dolliber, third. For six vases in six varieties, ten blooms of each, the last named exhibitor was first. For twelve incurved D. F. Roy led.

For twelve Japanese Peter B. Robb beat P. W. Moen estate. Some of the best blooms were Queen Alexandria, W. McNiece, Calvat's 99 and Meredith. For twelve blooms Japanese incurved Mr. Roy won, with some fine blooms, followed by Peter B. Robb and T. W. Head, gardener to M. F. Plant. Mr. Roy also won for twelve reflexed, as well as in the classes for anemone and pompon varieties. For six new varieties, current season's introductions, Peter B. Robb was first, with fine flowers of F. Hannaford, Cheltoni, Wm. Duckham, F. A. Cobbold, General Hutton and W. R. Church.

For vase of ten pink blooms on long stems, T. W. Head was first with very fine Dr. Enguehard. Eben D. Jordan followed, with William Duckham, T. Dolliber being third, with Viviand-Morel. For red Mrs. M. W. Peirce won, with John Shrimpton. For white Wm. Riggs won, with superb Merza, G. W. Knowlton being second, with Eaton, and T. Dolliber third, with Ben Wells. For ten yellow Mr. Dolliber led with very fine Appleton, G. W. Knowlton being second, with the same variety, and A. Herrington third, with Cheltoni. For ten "any other color" the best entries came from A. F. Whitin, who showed excellent samples of W. R. Church, Mr. Riggs being second, with Kate Broomhead, and H. Dumaresq third, with Lady Hanham. James Nicol had the best vase of Mrs. Jerome Jones, A. F. Whitin being second.

For the society's special prize for fifty blooms shown in the society's large china vases, William Riggs won with superb blooms, his flowers of F. S. Vallis being immense. H. Dumaresq, Wm. Anderson, gardener, was second, Thomas Dolliber third, M. F. Plant fourth and E. D. Jordan fifth. For the society's prize for the most representative collection of cut chrysanthemums, embracing all classes, D. F. Roy won, with a thoroughly representative lot.

For the Boston Gardeners' and Florists' Club's special prize for twelve blooms of the current season's introduction in America, A. Herrington won, with splendid Cheltoni, W. A. Riggs being second, with William Duckham.

For the C. S. A. special prize for twenty-four blooms in twenty-four varieties, William Duckham, Madison, N. J., easily distanced all competitors with magnificent blooms, the best staged in the hall. His varieties were F. S. Vallis, W. A. Etherington, Maynell, Nellie Pockett, Mary Inglis, Mrs. Weeks, Mme. Carnot, Lady Roberts, Lady Cranston, Cheltoni, J. Fraser, Mrs. Thirkell, Emily Mileham, Valorie Greenham, Miss Mildred Ware, Mrs. G. Mileham, Merza, S. T. Wright, Mrs. D. V. West, Ben Wells, Col. Appleton, Bessie Godfrey and Donald McLeod. P. W. Moen was second and M. F. Plant third.

William Duckham won the gold medal offered by W. Wells, Earlswood, England, for the best six blooms of any of the Wells-Pockett set of 1903, showing grand blooms of Cheltoni, F. A. Cobbold, Leila Filkins, Mary Inglis (an immense bloom), William Duckham and Maynell.

C. H. Totty's special prize for twelve blooms of William Duckham was again won by the redoubtable William Duckham, M. F. Plant being second. The same exhibitors won in same order for A. Herrington's prize for six blooms of any variety. The E. G. Hill silver vase for private gardeners only, for twenty blooms, also went to William Duckham, with remarkable blooms of Harrison Dick, Mme. Carnot, Mrs. Thirkell, Mary Inglis, Mrs. Weeks, J. Fraser, Appleton, W. A. Etherington, F. S. Vallis, Bessie Godfrey, Maynell, Mrs. G. Mileham, Mildred Ware, Merza, Ben Wells, Mrs. H. A. Millar, J. H. Doyle, General Hutton, F. A. Cobbold and Cheltoni.

The C. S. A. silver cup for ten blooms of any variety once more went to Mr. Duckham, who thus captured all the visiting society's first premiums at the Boston show. His vase of Mrs. William Duckham attracted great attention. We predict that Mrs. Duckham will be as popular in 1905 as her husband's namesake in 1904.

Wells silver gilt and Wells silver medal for six blooms of the Wells-Pockett set of 1903 were awarded to M. F. Plant, Mr. Duckham having secured the gold medal. President Herrington's special prize for chrysanthemums went to Mr. Duckham, for superb Merzas.

In the way of miscellaneous exhibits Thomas Dolliber filled a large table with named specimen blooms. E. A. Clark and Mrs. E. M. Gill made similar displays. Edward McMulkin had a large group of foliage plants interspersed with cattleyas and dendrobiums. Farquhar & Co. had a fine bank of foliage plants in which were quantities of Lorraine begonias finely flowered, chrysanthemums and some charming cactus dahlias grown in small pots. Mrs. Cornelius Vanderbilt, Andrew Pow, gardener, had a fine lot of Amaryllis Belladonna which are grown planted in frames at Newport, also Gardenia florida. Farquhar & Co. had a collection of very interesting seedling chrysanthemums received from Japan, which received honorable mention.

A remarkable collection of fifty blooms of new seedling chrysanthemums came from W. Wells & Co., Earlswood, Surrey, England. These were in charge of C. H. Totty and were more closely scrutinized than anything else in the exhibition. Most of the blooms had been cut on October 17, exhibited before the Royal Horticultural Society on October 19, being a portion of an exhibit which there secured a gold medal, were shipped to Boston on October 22 and the majority of the blooms when staged on November 3 were just as fresh as any others in the exhibition. The blooms were among the largest in the hall, had great depth in nearly all cases, with stems as hard as the shoots on an oak tree. Some of the finest of the collection were Mrs. D. V. West, an improved Carnot; Mrs. D. Willis James, Mrs. William Duckham, a fine deep yellow flower, stem and foliage perfect, bound to be a grand commercial sort; Mrs. A. J. Miller and J. H. Doyle, similar in color, huge terra cotta; Mrs. William Knox, Merstham



One of W. Duckham's Exhibits of Big Blooms at the C. S. A. Show, Boston.



A View of the Cut Blooms of Chrysanthemums at the World's Fair Flower Show.

Yellow, a fine early variety of good size and depth, a good shade of yellow; Mrs. J. Heaume, Seedling No. 10, Valerie Greenham, a grand pink; Emily Mileham, fine white, and others. The committee honored this most meritorious exhibit with the highest award at its command, a gold medal. We trust Mr. Wells' enterprise may lead others to send their novelties over. Certainly our English friends know how to grow big specimen blooms.

Lager & Hurrell, Summit, N. J., had their usual fine stand of orchids comprising many useful sorts. E. O. Orpet showed a number of seedling orchids not for competition. H. A. Wheeler showed a cross between Laelia Dayana and Cattleya velutina (Laelio-cattleya Prosperpine). For best display of cut orchids the silver gilt medal went to the F. L. Ames estate, W. N. Craig, gardener, who staged 100 varieties and species filling 200 bottles. Colonel Charles Pfaff, Geo. Melvin gardener, won the silver medal and E. McMulkin the bronze medal.

Sander & Son, St. Albans, England, showed the new Nicotiana Sanderæ, with rosy red flowers two and one-half inches in diameter. It was greatly admired and will become popular for pot culture and outdoor bedding. It received a silver medal. Waban Rose Conservatories received a first-class certificate for their new rose, Wellesley, the color of which takes the popular fancy and will make it in big demand. They also showed a fine vase of American Beauty. Carl Jurgens had fine Kaiserin and John Cook, of Baltimore, a fine new seedling white rose. T. DeVoy & Son received honorable mention for their new geranium, Telegraph. John Scott was awarded a silver medal for Nephrolepis Scottii, of which he had a fine group. F. R. Pierson Co. had some handsome plants of the improved Piersoni. A. M. Davenport had some pretty nephrolepis sports, one from Piersoni receiving honorable mention.

Carnations made quite an extensive showing. William Nicholson's special prize for 100 white went to Peter Fisher for his fine new seedling, which seems to have all the merits of a first-class commercial variety. Peter Fisher's prize for fifty Nelson Fisher went to M. A. Patten & Son, while Patten's prize for Mrs. M. A. Patten went to William Nicholson. H. A. Stevens & Co. had fine vases of Fair Maid, Enchantress, Queen, Harry Fenn, Mrs. Patten and J. H. Manley. Geo. B. Anderson received honorable mention for Seedling No. 10. John Barr showed Elaine, a promising white. H. A. Jahn Co. had about a dozen seedlings. Wild Rose received honorable mention. S. J. Goddard showed Helen Goddard, of a beautiful lustrous pink shade, which was much admired. It will be heard from later. He received honorable mention for a light pink seedling No. 9. J. D. Thompson Carnation Co., Joliet, Ill., had fine vases of Estelle, Mrs. Patten and The Bride. The journey had used up some of them in spite of ideal packing. William Nicholson's vase of 100 mixed blooms was a beauty. Backer & Co. showed Crusader, Flamingo, Nelson Fisher and fine Enchantress. L. E. Small, Tewsbury, showed his white seedling.

Coolidge Bros. had a good White Lawson and White Cloud. M. A. Patten & Son had honorable mention for a pink sport from Mrs. Patten and Peter Fisher a similar award for his crimson seedling, No. 113. He also had a fine flesh-colored seedling of the form of Joost. R. C. Pye, Nyack, N. Y., had a rather dull scarlet seedling and one similar in color to Mrs. Lawson. L. E. Small showed striped Lawson. C. N. Osborne, Newington, Conn., had a new white seedling. Victory from Guttman & Weber received a certificate of merit. It is a fine, clear scarlet, size, stem, calyx and form excellent. Robert Craig, owned by the Cottage Gardens and the J. D. Thompson Co., also received a certificate of merit, color very fine scarlet, stem strong, flower fringed, and good form. Fiancee from Chicago Carnation Co., arrived on the third day. It received a certificate of merit. Gibson Beauty, from J. D. Thompson Co., received honorable mention.

The first and second prize collections of eight specimen chrysanthemum plants from William Anderson and D. F. Roy each received a cultural certificate, which were well merited.

Nathan Smith & Son, Adrian, Mich., sent a few seedling chrysanthemums which arrived on the third day. It was pleasant to have one exhibit from our western friends.

There was a fine exhibit of fruits and vegetables in the basement hall. Silver medals were awarded to Warren Heustis & Son for celery and to Mrs. J. L. Gardner, Wm. Thatcher, gardener, for the finest brussels sprouts ever staged in Boston, or probably in America.

Business Meeting.

The business session of the C. S. A. was held Friday afternoon, November 4. President Herrington presided and there was a good attendance. In the absence of Secretary Lemon, Elijah A. Wood was appointed secretary pro-tem. President Herrington delivered a short address in opening the session. His remarks in part were as follows:

"We are pleased to meet in the city of Boston, where all horticultural societies receive a hospitable welcome. After the institution of the C. S. A. it was a long time ere it dared essay to hold an exhibition. At last, however, one was held, in Chicago, and we have continued to hold one from that time. It was a long time ere any of the horticultural societies had sufficient confidence to ask for this association. That time has now happily passed. The splendid exhibition speaks for itself. As a society

we should apologize to our Boston friends for the comparative paucity of contributions as a society. I confess a feeling of keenest disappointment at the non-attendance of many prominent growers and the absence of their exhibits, more especially of western friends." He did not make a prepared address.

The following is the full report of Secretary Fred H. Lemon:

In making a report for the year 1903-4, it is not necessary to give a review of the work of the year, as the published proceedings for 1903 show the results which have been accomplished. The delay in placing this publication in the hands of the members is greatly regretted by the secretary, and can only be explained by the lack of a realization of the immense amount of work and time required to prepare the Elmer D. Smith variety lists for the printer and a consequent delay in beginning the work.

The publication of the proceedings for 1903 will cost the society a considerable sum. The income of the society for the year, as will be seen by the treasurer's report, will not nearly equal this outlay. At the convention in November, 1903, the secretary, realizing that such would be the case, asked for instructions regarding the extent of the publication and received orders to "make it as complete as possible." Now, it is certain that the society cannot go on spending more each year than it receives. The income resulting from the exhibition of seedlings before committees is much less than in former years and for some unknown reason the secretary finds it very difficult to persuade the members to pay their dues promptly. Three appeals have been sent out during the year and yet there are ninety-one members delinquent. Even if all dues had been paid, the income would still be too small to cover this year's expenses. It will be understood, of course, that this publication has cost more than the proceedings will cost in the future on account of the variety lists. All things considered, the secretary strongly recommends that the dues be increased to $2 per year, payable in advance, as suggested by Mr. C. W. Johnson.

Further, the society should pass a resolution instructing the secretary to mail the society's valuable publications only to members whose dues are paid. A genuine effort on the part of the members to get their neighbors to join would certainly increase the membership list.

For some reason unknown to the writer there has been a great falling off in the demand for the society's certificates during the past few years. It is a peculiar fact that not one of the wonderful Wells-Pockett set of novelties for last year was set up before the committees. Since one of the five "objects" given as reasons for the organization of the C. S. A. is "to stimulate the growing and introduction of improved varieties in every legitimate way," the society ought to inquire into the reason for this condition and endeavor to correct it. If the society could see its way clear to offer a medal to the firm receiving the greatest number of certificates in a year exhibiting before the committees would be stimulated.

A proper revision of scales is also of the greatest importance. In this connection the secretary desires to state that the use of the new scales for this fall's judging was favored by every member of the executive committee except one, and as a consequence the scales were put into use, mainly for the purpose of testing their efficiency.

The most important work before this convention must be the consideration of plans to increase the society's income or reduce expenses.

The treasurer, John N. May, gave his financial report, showing a small balance. In regard to the dues he recommended $2 a year and said that if a smaller amount was adopted no more reports need be expected. The society to exist must have funds to support it. It was unanimously decided that the dues be made $2.

A discussion arose as to whether money prizes or cups were the more desirable. C. H. Totty, J. T. Scott and F. R. Pierson approved of cups. It was voted to continue cups and to offer one next year for ten blooms of one variety. It was voted that district vice-presidents be appointed by the president. It was voted that the president have power to appoint a committee of five to take charge of the exhibits annually.

The committee on the revision of the scale of points for judging exhibition and commercial blooms, E. A. Wood, E. D. Smith and E. G. Hill, gave their report as follows:

After lengthy deliberation and correspondence with many of the leading chrysanthemum growers, we recommend the adoption of the following scales:

Commercial.		Exhibition.	
Color	20	Color	10
Form	15	Stem	5
Fullness	10	Foliage	5
Stem	15	Fullness	15
Foliage	15	Form	15
Substance	15	Depth	15
Size	10	Size	35

Your committee has found that it is the consensus of opinion that a good commercial variety must be a well balanced form in all the essential parts and have endeavored to average the scale, so that a variety being exceedingly strong in one or two parts and weak in balance could not score the necessary number of points and have not given any one requisite a large number of points, but all agree that in our exhibition blooms the bloom itself is the one thing to be judged and that size is the principal factor and have so arranged the scale to bring out this as the most prominent feature.

We further recommend that the various committees use the scale in all their judgments, for that is the only way to know whether our scales are right or wrong and dispense justice to exhibitors.

The discussion on the adoption of the scale was opened by E. A. Wood, who said blooms were scaled too much alike, therefore it seemed needless to have two scales. The committee did not know what distinctiveness meant. If it had been used many sorts would never have passed the committees. Such a fine variety as Colonel Appleton did not score on distinctiveness. A bloom to pass commercially must be solid, have great substance, stiff stem and foliage up to flower. As regards exhibition blooms there is a considerable demand for these large, showy sorts which may not have a stem as stiff as a crow-bar. Size was absolutely necessary. Depth is size, some would say, breadth was suggested. They would be criticised for favoring wide, flat flowers. One half of the points, fifty, are in reality for size.

Mr. Totty thought too much was given to mere size. The short vase classes, he considered very useful. His idea would be to cut down the points given to size and add to color. In the opinion of the New York committee size should be twenty, color twenty, stem ten, foliage ten, depth fifteen, the balance going to fullness and form.

Mr. Wood said some considered color too low. The C. S. A. idea is to judge a seedling for a certificate and not for an exhibition. E. D. Smith said color amounted to nothing, as catalogues tell it all accurately and considered color should be a small factor. A. McLellan thought points for size too high, the scale set too much for commercial flowers. Smaller flowers with good stem and foliage should receive more consideration.

James Wheeler considered distinct types necessary. He would advocate taking away ten points from size in exhibition blooms and giving five each to stem and foliage. Mr. Duckham approved of Mr. Wheeler's suggestion. Mr. Herrington said anything to be distinctive must be new. Term was too indefinite. It



D. F. Roy's Group of Eight Specimen Plants at the Boston Exhibition.



View in Main Exhibition Hall at Boston, Where the C. S. A. Participated.

would be a gain to leave out the term distinctiveness altogether, as recommended by the committee.

Mr. Wheeler made a motion in line with his suggestions and it was unanimously carried. The new scales on exhibition flowers therefore now stand: Color, 10; foliage, 10; form, 15; size, 25; stem, 10; fullness, 15; depth, 15.

For the next meeting invitations were read from the Pennsylvania Horticultural Society, from the Indiana Floral Festival Association and from the American Institute of New York. William Nicholson moved and C. H. Totty seconded a motion to accept the invitation to meet in Philadelphia in 1905. This was carried unanimously.

The election of officers was next proceeded with. H. Dailledouze moved and Wm. Nicholson seconded the nomination of Wiliam H. Duckham for the post. No other candidate being named, Mr. Duckham was unanimously elected amid warm applause. Mr. Duckham briefly and feelingly thanked the members for the honor done him. He felt ere coming there that he would refuse any post tendered him. He had, however, changed his mind and would accept the office. He wanted to see the society grow faster and with the kind aid and consideration of the members he would endeavor to further that end and maintain its honor and dignity.

For vice-president James Wheeler, of Brookline, was nominated by W. A. Riggs and seconded by W. N. Craig. Mr. Wheeler was unanimously elected and thanked the members for the honor done him. John N. May, the always faithful treasurer, was unanimously reelected. A. J. Loveless and F. H. Lemon were nominated for secretary, Mr. Lemon being elected.

A large number of new members were elected to membership and the meeting was full of encouragement.

The Banquet.

The banquet tendered to the visiting members of the C. S. A. was held at the Copley Square Hotel, on Friday evening, November 4. Over 100 guests were present, including a number of ladies. The tables were decorated with flowers and Asparagus plumosus furnished by Welch Bros., W. Nicholson, Waban Conservatories, W. H. Elliott, William Sim and others. An efficient orchestra furnished music.

President J. A. Pettigrew, of the Gardeners' and Florists' Club, presided and called on President Herrington for an address. Mr. Herrington said in part: "On behalf of the C. S. A. I know I am expressing a sentiment in all our members' hearts when I thank you from the bottom of my heart for your welcome and entertainment. We are deficient in numbers to what we ought to be, but we are certainly not deficient in enthusiasm. We have had a somewhat trying ordeal during our existence, but the present climax seems to mark the turning point in our prosperity and efficacy as a national society."

Judge Hoitt, of Nashua, N. H., was introduced as toast-master by President Pettigrew. The judge in this capacity proved himself inimitable and created great amusement by his numerous sallies and anecdotes. He introduced as the first speaker, Mr. Jerome Jones, who made a felicitous speech.

John N. May was enthusiastically applauded on rising to speak. "In spite of all criticisms, chrysanthemums have made a wonderful advance in the last decade and would make a still greater one in the succeeding ten years. If only the C. S. A. could get the roll of members needed, it could then do something creditable. The compilation of every variety ever raised in America now ready for distribution to members was worth more than the price of membership."

F. R. Pierson said he was always glad to come to his native city and felt the interests of his business demanded at least four trips a year to the shows to keep abreast of the times. E. A. Wood sang with telling effect, "Jingle Bells," the other members joining in the chorus.

After a few remarks from E. Jenkins, of Lenox, Alexander Wallace, of New York, was called upon, made a felicitous speech and also sang. John K. M. L. Farquhar spoke of the work being done and still to be carried out by the new management of the Massachusetts Horticultural Society. W. N. Craig was called upon and furnished a humorous recitation. W. J. Stewart spoke for the ladies. Messrs. J. B. Shea and Morton made a few remarks after which Judge Hoitt called on Jackson Dawson as the last speaker. After a few preliminary remarks, Mr. Dawson treated the audience to a fine rendition of an old English song, followed by "Auld Lang Syne."

Convention Jottings.

William H. Duckham, the newly elected president of the C. S. A., is a modest, unassuming gentleman. His name is in every grower's mouth this year, just as his good wife's will be a year hence. As a grower of specimen blooms Mr. Duckham is without a peer.

James Wheeler, the new vice president of the C. S. A., has been a member of the C. S. A. seedling committee in Boston for some years. He has raised quite a number of good seedlings, one of the best being J. H. White, for years classed as one of the best whites. He is an indefatigable worker on all horticultural lines and will prove a worthy lieutenant for Mr. Duckham.

The Wells-Pockett set in charge of C. H. Totty was the most scrutinized by the growers. Mr. Totty should sell a large quantity of these novelties. Some are better than anything on the market today.

The two Scotts, hailing from Tarrytown and Brooklyn, each reported fine business for his fern. Each came in for its measure of praise.

William Duckham's blooms were reminders of the grand specimens Brydon, Montgomery, McKay and others used to stage. Let all young growers wake up and recover their lost laurels.

W. A. Rigg's blooms were the best grown in this section and show what superb flowers can be produced in boxes.

A great many visitors admired the pompons, singles and anemones much more than the big blooms. On private estates the tendency in Massachusetts is toward medium flowers. The craze for mammoth blooms is subsiding and this must effect future shows to some extent.

Visitors.

Among the visitors to the chrysanthemum show were E. Jenkins, Carlquist, Hermans, A. J. Loveless, Redstone and Proctor, Lenox, Mass.; W. Duckham, A. Herrington, C. H. Totty, Madison, N. J.; J. N. May, G. F. Struck, Summit, N. J.; Alfred Dimmock, St. Albans, England; F. R. Pierson, J. T. Scott, Tarrytown, N. Y.; F. H. Traendly, H. Dailledouze, A. J. Guttman, Alex. Wallace, Patrick O'Mara, Chas. Weathered, New York; J. D. Thompson, Joliet, Ill.; Robert Laurie, William Hollingsworth, Wm. Hill, Farquhar Macrae, John Macrae, P. M. Johnson, Wm. Miller, Providence, R. I.; D. Shepherd, Alex. McLellan, B. Anthony, E. J. Coghlan, James Boyd, A. McWilliams, A. McLennan, James Robertson, Odin Robertson, D. McIntosh and John Anderson, Newport, R. I.; John Scott, Brooklyn, N. Y.; T. Fieldhouse, Frank Atkinson, Falmouth, Mass.; E. O. Orpet, Joseph Clark, Wm. Anderson, South Lancaster, Mass.; John Ash, A. J. Newell, Pomfret, Conn., and T. W. Head, Groton, Conn.

W. N. Craig.

THE BOSTON EXHIBITION.

Viewed as a picture, the Boston show stays in my memory as a pleasant dream, the main hall where the plants and groups were staged being very attractive. While the specimen plants were said to be smaller than in some previous years, they were perfectly finished and of a quality that cannot be seen anywhere else in the country. The brick walls of the building were hidden by elaborate decorations of greenery which improved its appearance very much and contributed greatly to the general effect.

The chief interest for me centered in the chrysanthemum cut flower exhibits and, though one might wish that the entries in the special classes offered by the C. S. A. had been more numerous, the quality of the flowers set up in those classes left nothing to be desired. W. Duckham won almost everything in sight, capturing the C. S. A. silver cup with Mrs. W. Duckham, which is more fully described elsewhere; the Totty prize for twelve W. Duckhams; the E. G. Hill prize for twenty-four flowers; the C. S. A. prize for twenty-four flowers; the Wells gold medal and the Herrington prize for six flowers, any color, Thomas W. Head running second in several classes. These flowers were the largest in the exhibition and were much admired. W. Wells sent over from England some fifty flowers of new varieties, Merstham Yellow, Mrs. W. Duckham, J. H. Doyle, Mrs. A. J. Miller, Merstham Crimson and others showing up finely. These flowers were cut, most of them, on October 17 and some had already formed part of a gold medal exhibit in London before being packed up and sent to this country. That the flowers were still in better condition than some flowers grown within twenty miles of Boston was looked on as wonderful and it is a tribute to the enterprise of Mr. Wells and the excellence of present day transportation facilities. This exhibit was deservedly awarded a gold medal.

The other cut flower classes were much better filled by the local growers, the big vase exhibits showing the highest quality. The carnation classes were well filled and the quality of the flowers wonderful for so early in the season. In the same hall with the carnations was an orchid exhibit from the Ames estate (W. N. Craig, gardener), that could hardly be duplicated in the country.

Special mention may be made of exhibits of the Scottii fern, the new Pierson fern and a vase of Nicotiana Sanderae from Sander & Son, of St. Albans, England. It was the first time the latter novelty had been exhibited in this country, and it was awarded a silver medal.

At the business meeting of the C. S. A. there were about a hundred present, when President Herrington called the meeting to order. The principal new business was the final adoption of the scale of points for judging seedlings. The commercial scale was adopted as handed in by the committee, but the exhibition scale was revised somewhat. Some twenty-four new members were accepted and I see no reason why the C. S. A. should not move onward and upward at a rapid rate.

The banquet given in honor of the C. S. A.'s visit was one of the most enjoyable things I ever attended and too much praise cannot be given to the committee in charge of the affair. Judge Hoitt as toastmaster cannot be equalled and he can bring down the house whenever he wishes. The time passed all too quickly and I wish to place myself on record as publicly thanking the members of the craft in Boston for their uniform kindness and courtesy to the visiting delegations.

Charles H. Totty.

WM. DUCKHAM.

When the king was in a devil of a fix,
He was wont to send for a Devon, maw Sir.

So run the words of an old English song and while the C. S. A., is not in any kind of a fix, it has sent for a Devonshire man as its executive head for the next year, Mr. Duckham hailing from that smiling county of large cheeses and clotted cream.

It need not be inferred, however, that because he was born in a pastoral community that the new president is anything of a farmer. He has often proved his ability to travel in any kind of company and when it comes to lifting prizes in a mum competition, he is easily the champion of the heavyweights. He could easily afford to give Sir Thomas Lipton half a dozen silver cups and have some left to grace his sideboard as testimonials to his cultural skill.

It was a case of the office seeking the man, for Mr. Duckham is not the kind that goes looking for anything, modesty being his chief characteristic, but that he will fill the chair to the satisfaction of everyone, no one who knows him can for a moment doubt.

Mr. Duckham is not only a chrysanthemum expert but an all-round grower, carnations, orchids, palms, stove plants and in fact, almost everything he grows showing the touch of the master hand. The estate of D. Willis James, of Madison, N. J., of which he is the superintendent, is one of the best known places in the east, and it has grown into being under his personal care and supervision. He is of uncertain age, being not nearly so old as he looks, his careworn expression (?) being due to hard study, trying to beat his own record in growing big mums every year. He is a good shot, a first-class bowler and his popularity in the community where he resides was well expressed in a local newspaper the other day when it referred to him as "our esteemed fellow townsman."

Charles H. Totty.



Cut Blooms at the Monmouth County Society's Exhibition, Red Bank, N. J.

THE PHILADELPHIA SHOW.

The fall exhibition of the Pennsylvania Horticultural Society opened on Tuesday evening, November 8, and was as large and handsome as any display ever held in that city. The general feeling was that the cut blooms of chrysanthemums were finer than those shown in previous years, while the plants were, as a rule, remarkably well grown. The quantity of cut flowers of chrysanthemums was so great that besides decorating the stairway with the usual freedom, a large overflow was staged in the lower hall, driving the vegetables, of which there were, luckily, not very many, almost to the rear entrance.

The main stairway was bordered its entire length by vases of handsome specimen blooms, divided in the center, at the first landing, by a group of well grown geraniums. The center of the main hall was devoted to a Japanese garden enclosed by a rustic fence, the posts surmounted by bark baskets filled with pompons, contrasting prettily with the larger flowers with which the garden was filled. Colored Japanese lanterns overhead lit up the scene beautifully. This bit of decorative work was in Wm. Graham's best style.

The chrysanthemum plants, which filled most of the hall, were well arranged and of excellent quality, the very few poor ones serving to bring out the good points of the others. The specimens in 14-inch pots and the 6-inch grown to one flower were especially fine. Gordon Smirl, gardener to J. F. Sinnot, Rosemont, showed a great number of blue ribbon winners.

The stage was devoted to an interesting collection of rare foliage plants shown by Henry A. Dreer, Riverton. Against the walls were groups of foliage plants containing many fine specimens, some much too crowded for best effect. A group of ten crotons in ten varieties were well grown and superbly colored.

Julius Roehrs, Rutherford, N. J., was first with a handsome collection of commercial orchids in bloom. Lager & Hurrell, Summit, N. J., were second. Mr. Roehrs also showed a grand specimen Cattleya labiata with twenty-nine blooms.

The cut chrysanthemums were wonders. The twelve blooms in twelve varieties with which F. Ibbotson won the blue ribbon, were warmly praised as being the finest ever seen here. His varieties were Merza, white; Queen Alexandria, bronze; J. Falconer, yellow; T. Carrington, red; F. A. Cobbold, pink; Nellie Pockett, white; Leila Filkins, pink; F. S. Vallis, yellow; W. R. Church, red and gold; M. Inglis, yellow; W. Duckham, pink; Ben Wells, white. There were many other exhibits of choice blooms.

The foyer was filled with a well-grown lot of foliage plants and some specimen dracænas in variety were especially noteworthy. Down stairs a table or more of pompons were effectively arranged. A half-dozen full-grown pots of tiny blooms surmounted by an immense cut bloom of the modern Japanese type marked the evolution. Henry F. Michell Co. had a clever device showing mushrooms growing in a bed for which their spawn had been used. The evergreens and autumn leaves decorated the lobby.

PHIL.

CLARKSVILLE, TENN. — James Morton and the ladies of the Episcopal church are holding a very successful flower show this week.



William Duckham.
(President-elect, Chrysanthemum Society of America.)

RED BANK, N. J.

The seventh annual exhibition of the Monmouth County Horticultural Society was held in the Town Hall at Red Bank, N. J., November 1 and 2. It was, artistically and financially, the greatest success this society ever had. The blooms were at their best and of immense size. The judges remarked that they were the best blooms they ever judged and as good as they think will be staged this year. A feature of this show is to have the high school scholars admitted free, accompanied by their teachers, and we think this is about the best advertisement an exhibition can have. The large hall was not sufficient to hold all the exhibits, so the audience room down stairs was likewise filled. On the second day we had some celebrated visitors, including State Senator Francis, U. S. Senator Keane and the Republican candidate for Governor, who was presented with a bouquet.

In groups of chrysanthemums H. McCarron, gardener for W. F. Havemeyer, received first prize, H. A. Williams, gardener for Selmar Hess, and N. Butterbach, gardener for C. N. Bliss, equal second prizes. For best three specimen bush plants, H. A. Williams was first, and H. A. Kettel, gardener for James Loeb, second. For one specimen bush plant H. A. Kettel was first and H. A. Williams second. For six specimen bush plants anemone varieties, H. A. Kettel was first and G. H. Hale, gardener for E. D. Adams, second. For group of ornamental foliage plants arranged for effect Mr. Butterbach was first and H. A. Kettel second. For specimen palm Mr. Kettel was first, Mr. Butterbach second. For specimen foliage plant not palm Mr. Hale was first and Mr. Butterbach second. For six single specimen plants suitable for dinner table decoration Mr. Hale first and Mr. Kettle second. For six specimen ferns Mr. Williams was first and Mr. Butterbach second, the awards for specimen fern being in the same order.

On cut blooms Wm. Turner, gardener for M. C. D. Borden was first for thirty-six blooms in six varieties, for twenty-five blooms in distinct varieties, for white, yellow, pink, crimson and "any other color" in the classes for six blooms. G. H. Hale was first for twenty-five blooms arranged for effect, for six Carnot, for six bronze, and second on several others. N. Butterbach was first for twelve blooms in twelve varieties.

Mr. Hale was first on tweleve Beauties, Mr. Butterbach second; on twelve Brides Mr. Butterbach was first, Mr. Kettle second. On Maids Mr. Tierney was first, Mr. Butterbach second. On "any other" Mr. Hale was first, Mr. Butterbach second.

On vases of twelve carnations Wm. Turner was first on white, pink, red and crimson. On "any other," Mr. Logan was first.

On violets Geo. Kuhn was first for both single and double, Wm. Dowlen being second for the former and Oliver McIntosh for the latter.

There was a fine showing of fruits and vegetables.

The judges were C. H. Totty, Peter Duff and Wm. Bartholmae.

There was bowling both days of the show, good scores being made. B.

THE TARRYTOWN SHOW

The sixth annual exhibition of the Tarrytown Horticultural Society was held in Music Hall November 1 to 3, and was quite up to the usual high standard for which the shows held under the auspices of this progressive society are already far-famed. The one great drawback in Tarrytown is that the largest hall is too small. Several of the visitors remarked that there was a falling off in the number of plants exhibited but a number of these were purposely left at home by the members so as to allow more room for the cut blooms.

The principal exhibitors in plants were Samuel Untermyer, Yonkers, John Featherstone, gardener; Mrs. Geo. Lewis, James Ballantyne, gardener, and Mrs. J. B. Trevor, Yonkers, Howard Nichols, gardener. Plants of special note were Mr. Untermyer's Pritchardia grandis and Pandanus Sanderiana, Mrs. Trevor's Goniophlebium subauriculatum and Adiantum Farleyense and Mrs. Lewis' Maranta Zebrina. A very fine specimen of Begonia Gloire de Lorraine measuring nearly four feet through came from Mrs. Ogden Codman, David McFarlane, gardener.

Among the commercial exhibitors were F. R. Pierson Co., of Tarrytown; John N. May, Summit, N. J.; John M. Hunter, Edgewarter, N. J.; the Swan Peterson Floral Co., of Gibson City, Ill.; Thomas Barson, Johnstown, N. Y., and Samuel Grigg, of Pittsfield, Mass. The F. R. Pierson Co. showed a group of palms, foliage plants, ferns and chrysanthemums. Among the latter two seedlings, No. 1, yellow, and No. 2, pink, showed up well. F. A. Cobbold, Leila Filkins, Dr. Enguehard and Donald McLeod were also shown in good form. They were awarded the society's silver medal for Nephrolepis elegantissima. John N. May staged Carnation Phyllis, a new pink of the Enchantress type. This is a large, full flower of good form and claimed to be an ideal grower. John M. Hunter staged a lot of seedling chrysanthemums, all single and semi-double. They showed a fine range of coloring and look like a class that would be very useful for commercial purposes. The Swan Peterson Co.'s exhibit was a vase of the new carnation, Gibson Beauty, of the Enchantress type. The flowers were not so large but of fine form and the color brighter than Enchantress. Samuel Grigg staged a lot of novelties in chrysanthemums, several of which were very promising.

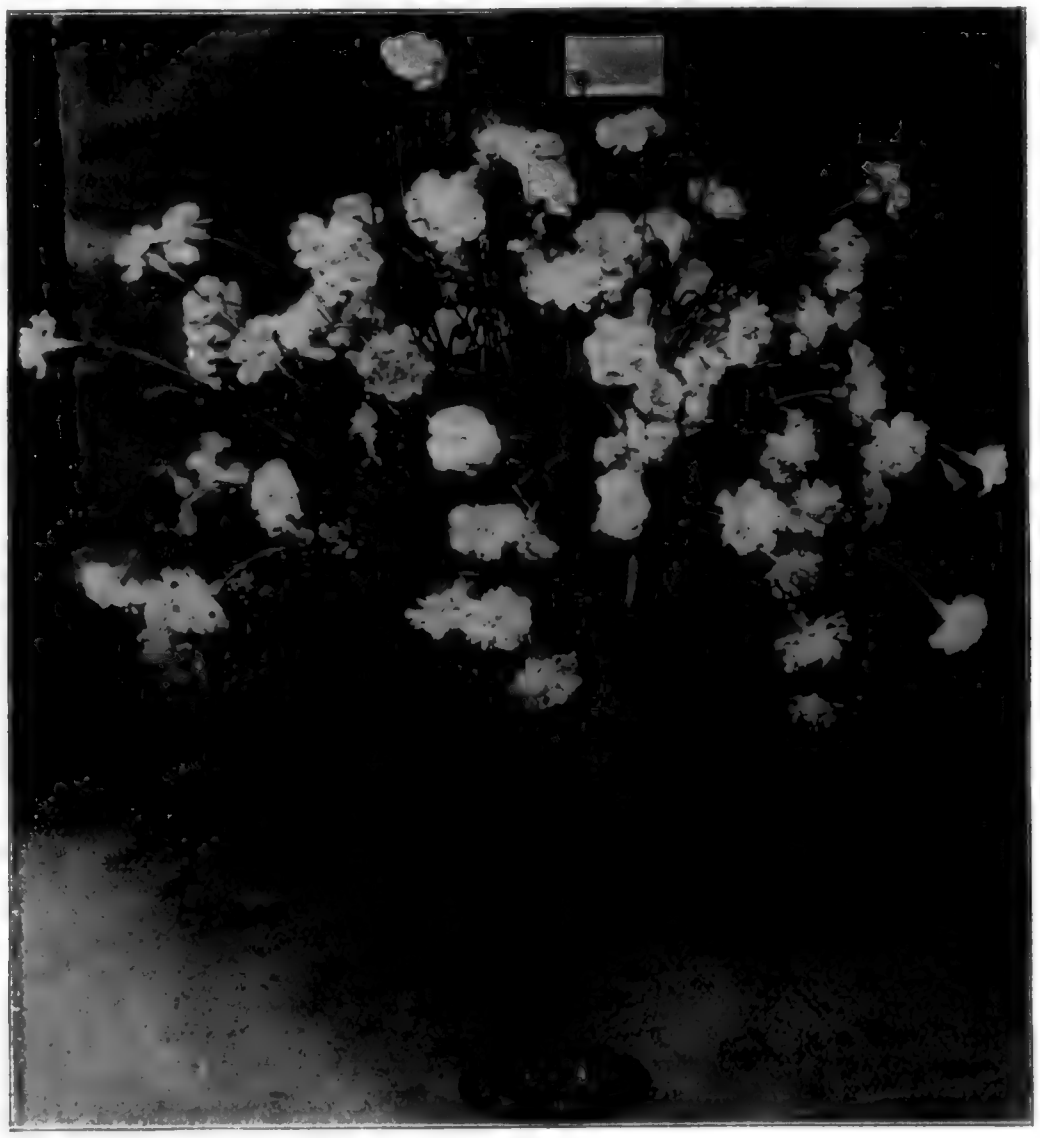
Of the new varieties in chrysanthemums among the best were Maynell, Mrs. S. T. Wright and Henry Barnes in crimson; Wm. Duckham, Leila Filkins and Janet Lady Clark in pink; F. S. Vallis, Gen. Hutton and Donald McLeod in yellow. In white there was nothing to beat the older varieties, such as Merza, Mrs. Weeks, Mme. Carnot and Nellie Pockett, which were all well shown.

W. S.

JOLIET FLOWER SHOW.

The Joliet flower show November 3 to 5 was an unqualified success. The exhibits were numerous, the quality of the stock good and the arrangement left nothing to be desired. There were a considerable number of exhibits from out of town and many trade visitors, particularly on the closing day.

Poehlmann Bros., Chicago, were first for twenty-five Beauties, Liberty, Golden Gate and Maid and second for Bride and "any other." Weiland & Risch were second for Maid and third for Bride. The Chicago Carnation Company was first for Bride and "any other," second for Beauty, Peter Reinberg being third. Robert Klagge was third for "any other." The Carnation company was first for basket of roses and vase of mums, also for best palm, araucaria, dracaena, Boston fern, other fern and flowering plant other than mums. Vaughan was first on berried plant, also on chrysanthemum plants, Buehler second. Among the exhibitors of made-up work were J. M. Smely, Aurora; Schiller, H. C. Rowe and P. J. Hauswirth. There was a large display of carnations, W. C. Hill, of Streator, showing Melody, a sport from Lawson.



One Hundred Mixed Carnations Shown at Boston by Wm. Nicholson.

PITTSBURG CLUB SHOW.

November 1 was club night at Pittsburg. The subject for discussion was the chrysanthemum and we had a royal show of these. The members turned out in great force. Every seat in the hall was taken and several men were standing. Although the meeting began promptly at 8 o'clock not a man left his chair until 10:30, it was so absorbingly interesting.

A. Herrington, president of the Chrysanthemum Society of America, Madison, N. J., sent a box of fine blooms of the newer varieties that elicited much admiration. Nathan Smith & Son, of Adrian, Mich., sent a lot of good new varieties and their fine seedlings of last year. And our never failing friends R. Vincent, Jr., & Son, White Marsh, Md., loaded us with sheaves of pompon loveliness. William K. Harris, of Philadelphia, sent us fine flowers of his own private varieties and some standard sorts. This is the letter Mr. Harris sent with his flowers:

The varieties originated by us and not to be disseminated are Grace, Elizabeth Harris, Florence Harris and Wm. McKinley, the balance are old and popular varieties. The blooms are not selected for size, but they are the average run of our stock. We grow three flowers to the plant and plant them on our benches 8x10 inches apart. When we stake our plants and give them our first tying up we cut out all the weak shoots but four. Then when giving the second tying we again cut out from each plant the weakest shoot, leaving three heavy, uniform shoots to each plant. This method gives you a heavy cut and the crop comes very uniform in size of blooms and even in blooming. Great care must be exercised at all times in the watering when they are planted so thickly, otherwise the foliage will be most apt to rot and in this event be of little value. We think it most important to disbud at the earliest possible moment.

We never feed our plants with either liquid fertilizers or mulch, but depend on a rich compost from the start. Our beds of soil run from two inches to three inches deep. Thus, having shallow beds, we have the conditions of the soil and drainage in regard to watering always under control.

Our idea is to have our varieties different from the general run; then if such varieties as we control exclusively are wanted, they must be served by us. This gives us an easier market and not so much competition in price.

The Pittsburg Cut Flower Co. brought over a splendid showing of blooms and the Florists' Exchange wholesale house and Julius Ludwig contributed liberally to the display. Mr. Zimmermann, of Dixmont; the Valley Greenhouses, Leetdale; Blind Brothers, West View, and O. Godwin & Sons, Bridgeville, brought in freely of their product. Thos. Jenkinson, gardener to A. R. Peacock, was a new exhibitor among us. He brought in about thirty varieties of enormous proportions with stems four feet long, stiff

as a walking stick and with leathery leaves to the neck. Then came John Jones, of the Phipps Conservatories, with faultless blooms of gigantic size and some potted plants to show how he had grown them. Among his blooms was a Vallis fourteen inches in diameter. It was the largest flower in the hall. All his plants are grown in pots and nearly all are single-stemmed. Every plant must have perfect foliage from the pot up and any in the least degree deficient in this respect never see the conservatory.

All of the out of town flowers and those from Mr. Peacock's place and the parks, after doing duty at the Florists' Club were taken by the president and exhibited, a day or two after, at the meeting of the Botanical Society of Western Pennsylvania, thus being doubly honored.

Several of the prominent growers gave their methods of cultivation. Young plants are struck and potted in early spring and later on the tops of these are struck. While both strikings are used, preference is given to the later batch. They are stronger, stockier and less hide bound than the other and give an evener crop of bloom. They are planted in beds in May, June and July, as houses are ready for them, in three to five inches of soil and eight to nine inches apart. Usually two and sometimes three blooms are allowed to a plant. They occupy houses emptied of bedding plants or spring blooming stock and are removed in time to make room for filling with carnations from pots and longiflorum lilies or hydrangeas.

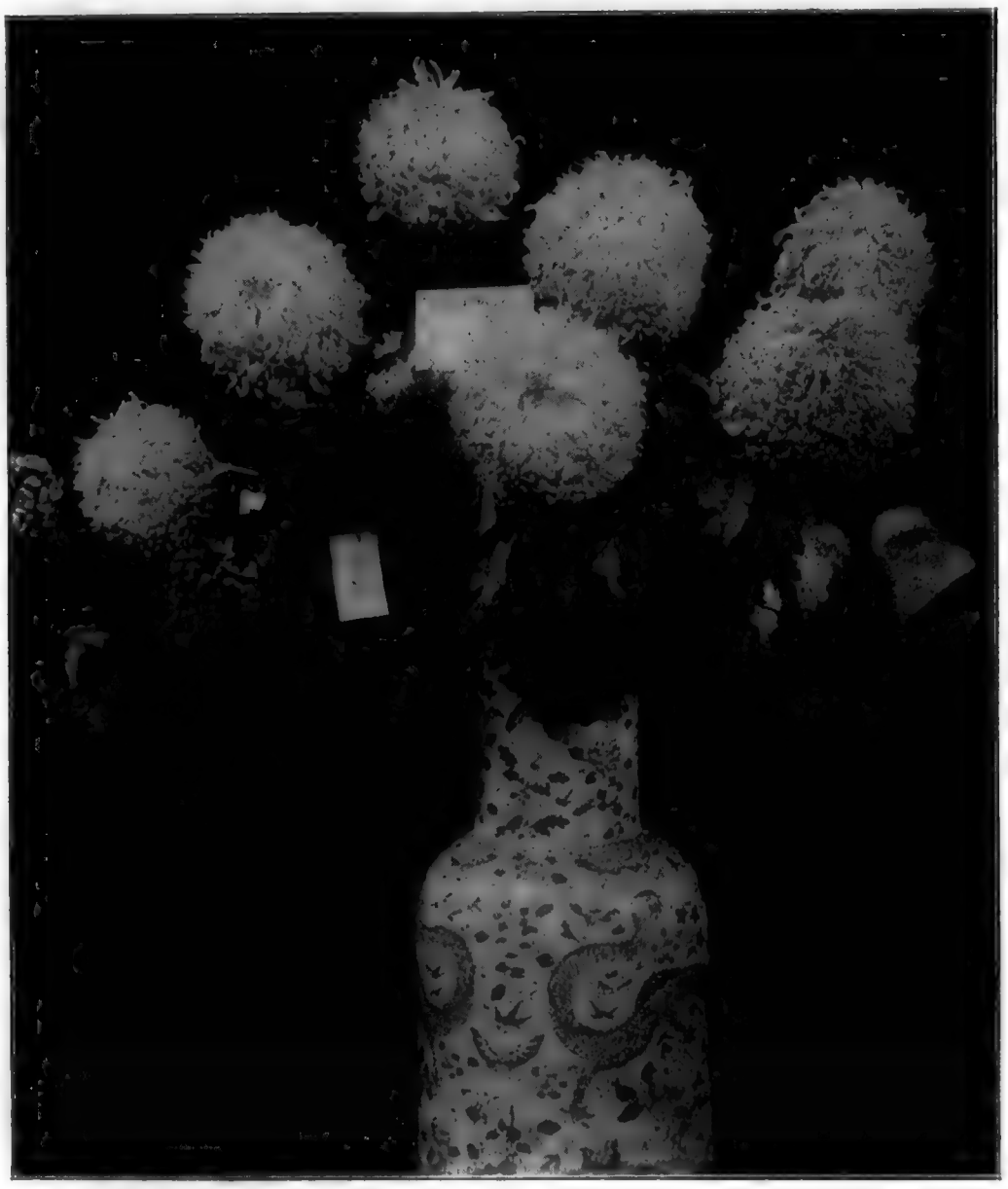
Some feed with liquid manure. Aside from a little bone dust mixed with the soil very little artificial fertilizer is used. There is an impression it has a tendency to cause the dropping of the lower leaves. In potting, John Jones doesn't fill his flowering pots quite full, but when the soil becomes well filled with roots he fills them up with rich compost containing a goodly quantity of pulverized sheep manure and a sprinkling of bone flour; later he waters freely with sheep manure liquid. Beware of overfeeding; defoliated and cankered-looking plants are often the result. Mr. Jones believes in firm potting. For pot plants cane stakes are used, but for bench plants Fred Burki runs string lengthwise and uses a wire stake to each plant, fastening it to the overhead string.

For black fly fumigating once a week with tobacco stems and a liberal use of fresh stems about the floors and under the benches is practiced, also freely dusting the tips of the shoots with tobacco powder. The parks use tobacco paper for fumigating, letting it smoulder for hours, but Fred Burki says this is too expensive for commercial purposes.

Our next meeting will be on Tuesday evening, December 6 and it is to be a smoker. E. C. Reineman and Gus Ludwig have been appointed a committee with full power to get it up, so if any of our florist or gardener friends throughout the country happen this way about that time, just drop in to see us. Guess you won't be sorry. PREX.

HARRISBURG, PA.—John Kepner, of Elkwood, has opened a flower store here.

DES MOINES, IA.—Robert Newcomb, of this city, and W. E. Kemble, of Oskaloosa, have purchased their partners' interests in the Morris-Blair Floral Company. Mr. Newcomb has been the manager since the company was organized a year ago.



Chrysanthemum Mrs. W. Duckham.

WORLD'S FAIR AWARDS.

The individual nature of the information which has come to hand with regard to the World's Fair awards in the Departments of Horticulture and Agriculture prompted a request on the management for a complete and official list of the awards. The following is the reply of Chief F. W. Taylor, dated November 3:

"Replying to your letter, I have been very much disturbed at the way in which the giving out of awards information has been handled, but it has seemed impossible to do it in any other way. As a matter of fact, it now stands so that I am under orders not to give out information as definite until some questions pending between the national commission and the management are settled. I regret more than I can tell you this condition and will be glad to give you information as soon as possible."

ROSES.

Watering.

One of the most essential requirements of a rose grower, or, indeed, of a grower of any kind of stock under glass, is a thorough knowledge of the art of watering. To a lack of this knowledge may be ascribed many of the failures in rose and carnation growing. The art can only be acquired by long practice, keen observation of the wants of the plants, deliberative and careful adjudication of attending conditions, accompanied by a knowledge of the real service that water performs in supplying the plants with food. That plants require water, every man employed in a greenhouse knows, but the reason why is often beyond their reach. Unfortunately there are among the craft a large number who are content to be copyists, and either deluge or withhold, according to copy, without using their own judgment in the matter.

A year or two ago Mr. Scott gave a most practical and scholarly article on this very subject, but, as the ordinary reader is so prone to forgetfulness, I do not think I am treading on William's patch if I remind my particular readers of the importance of attention to this particular study.

With the shorter duration of sunshine and less intensity of heat there will be a corresponding decrease in evaporation, and, as evaporation means increased root activity, there will of necessity be less and less need of water as the days shorten and the hours of sunshine continue to diminish.

The supply of water necessary to transform the ingredients of the soil or mulch into an assimilable food for the plants when root activity is at its lowest ebb should be carefully considered and the grower who safeguards himself against over-watering at this season will reap the full benefit in future crops.

After mulching, especially where the pipes are under the benches and close to the roots, there is great danger that without a careful inspection every day, as the mulch absorbs and retains the moisture, the bench will have the appearance of being moist enough, when in reality the soil may be quite dry at the bottom. This state of matters will retard crops, weaken the plants, causing a loss of foliage, abnormal buds and make them susceptible to any or all troubles in the list.

The soil should always be moist enough clear through so that by a gentle squeeze of the hand all the particles may adhere and not crumble. Even a little wetter than this, if the temperature and other conditions are right, is desirable and will greatly aid the plants in furnishing good foliage, strong flower stems and put them into condition to utilize any stimulant or chemical food of which they may stand in need. RIBES.

TIME TO FEED.

Please explain your meaning as to using liquid manure when the crops are in the right condition. Rose crops seem to come on and off every six weeks or so. If the roses are to be watered at certain stages of the crop, when and how often should we do it?

A big grower, speaking of feeding solid manure during December and January, said it does not do to cut and feed heavily at the same time. Is it generally customary to feed very little when the heaviest cutting is being done?

R. M. S.

The time when roses enjoy liquid feeding is during the period of growth, between the time the young stems have attained a length of five or six inches and the time the buds show color. Feeding when the crops are fit to cut has a tendency to injure the keeping qualities of the blooms and will certainly destroy the color of such varieties as Bridesmaid, Chatenay and Beauty. RIBES.

MISCELLANEOUS SEASONABLE HINTS.

The Chrysanthemum.

Two more weeks and the fascinating mum will have again passed its prime. Bench room will be plentiful and our Christmas plants will engage our most earnest thoughts. I can't help but digress a moment to speak of the thrill of pleasure with which we admire a bench of Maud Dean or Appleton, or perhaps we are progressive enough for it to be a batch of Wm. Duckham or F. S. Vallis. If so, the joy would be still more exalted. Then comes the reaper in the shape of sharp knife and a desolate scene follows.

Unlike our roses, carnations or violets, this is no cut and come again crop, and gorgeous and magnificent as are the modern chrysanthemums, it is exactly right that it should be just as it is. If we had them with us more than a few weeks they would not be wanted at all. They leave us not surfeited, but with regret at their flight, and with appetite for another feast and resolved to acquire this and that wonderful variety or still further improve on our culture. It's not alone the dollar they have brought you that has been the pleasure. If you are a born gardener your achievement in producing the grand blossoms and pure love of your plants and flowers will be the mainspring of your future efforts.

Nothing in chrysanthemum lore can be better written, more practical or up-to-date than the notes of "Brian Boru." Everybody who knows the man knows that he knows most thoroughly what he is talking about, and he will excuse me if I drop a hint for the benefit of friends and relatives near home.

I notice too frequently that the chrysanthemum plants that are saved for stock are treated as if it were a tropical plant. I have in one instance seen flats of these old stubs freshly lifted from the bench and placed a few inches above a coil of 4-inch pipes. This is barbarous! Can you expect healthy, vigorous cuttings under such conditions? Don't you realize that the chrysanthemum is almost a hardy plant? The pompons are quite hardy.

After flowering the plant should rest and be dormant. Therefore a temperature a few degrees above freezing or, say 40 degrees F., and light is what they want. If this rest is given them until the end of February you will get more and better cuttings after you do start them up.

This is meant, of course, for those who have plenty of old plants for stock. For those who may have but one plant of a valuable variety and wish to increase as largely as possible, "B. B." will tell you how to do it, but that is another story.

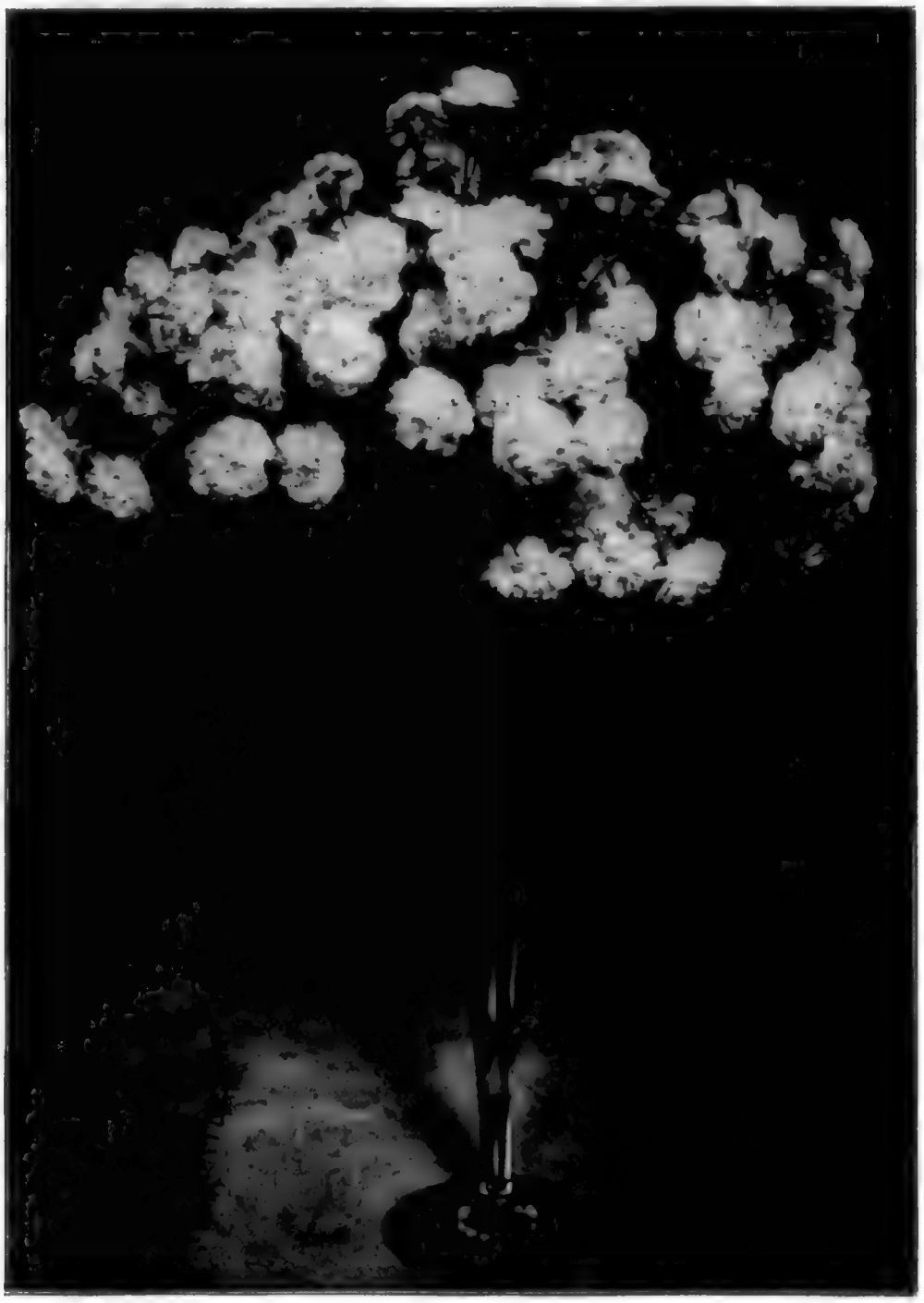
Berried Plants.

Berried plants are, with many, nothing but the species and varieties of solanum. Although delighting in our hot summers, they are now in fruit and nearly all plants like a lower temperature when in fruit than when in flower. At night 50 degrees will suit them all, with the fullest light, and syringe frequently to keep down spider and thrips.

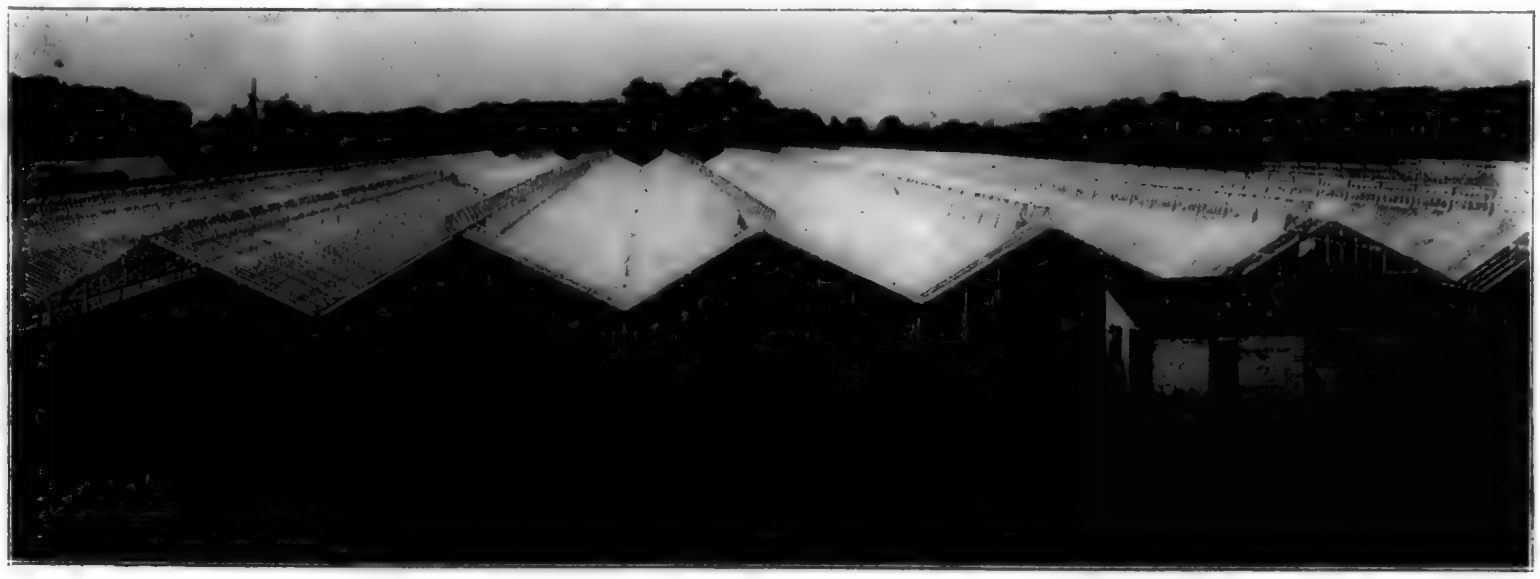
Ardisia crenulata in moderate-sized, compact plants is the handsomest of all berried plants, either as a single plant or in the basket of mixed plants, so fashionable where the wealthy do congregate. A temperature of 50 degrees is plenty high enough and its chief enemy is the brown scale, which should be removed by a syringing with nicotine solution.

Poinsettias.

It is now weeks past the time when you can with safety disturb the roots of these tropical plants. If you neglected to shift them, say from a 4-inch to a 6-



Peter Fisher's New White Seedling Carnation.



View of the Establishment of Poehlmann Bros. Co., Morton Grove, Ill.
(Showing range of eight carnation houses built the past season.)

inch, don't do it now or you will lose the foliage, even with the greatest care. Rather, feed them with liquid manure. If you did not make up pans enough, don't do it now. Take care of the little plants in 3-inch or 4-inch pots and put them in the pans or azalea pots a day or so before you expect to sell them. There is no fraud in this, but if you disturb the roots at this date ever so slightly you will have no foliage at Christmas, and without its setting of tropical foliage the poinsettia is a mockery.

From now on, the greatest enemy of this plant, the dirty mealy bug, will make its appearance. You may have no other plant infested, yet among the nectar cups and true flowers of the poinsettias this pest will appear. If you have thoroughly sprayed the crown of each plant they may have been kept away. A spraying of some nicotine solution occasionally would also have kept them away, but if the bracts are partly developed and the bugs have once a good lodgment among the flowers it will pay to take each plant and, while one man holds the plant, another with a sharp, fine stream from the hose, thoroughly rid them of their enemy. One good cleaning in this way will usually suffice and to spray them on the bench with any good results is almost impossible.

The writer has often remarked that the loss of foliage is more often due to starvation of root than a low temperature. When in pots they often are starved and exhausted; planted on a bench for cutting, seldom. About 60 degrees at night is high enough and on a bench with active root growth I have seen them keep most vigorous with 55 degrees at night.

Azaleas.

The importations are unpacked and seem to have crossed the briny ocean safely and arrived in fine condition. Don't delay a day in getting the few varieties into heat that are wanted for Christmas. Be sure that water enough is given at the root at all times to keep the ball of roots moist. The fresh soil you used around the ball of roots and on the surface may appear moist when the roots are not. Look carefully for this and with these early forced plants err on the side of moisture. Spray twice a day until the flowers are showing color. Direct sunlight is not so essential, but they should have light. You must be guided by the earliness of the bloom as to heat. Some individual plants of the same variety, even the precocious Deutsche Perle, will need more heat than others. About 60 degrees now will do and increase another 5 degrees later on if needed.

The summered-over plants and the newly imported plants that are not wanted until Easter you can keep but a little above freezing, if you have the means to do so. Remember the lateness of Easter and how difficult it will be to keep many of the finest varieties for that late date. A house with a northern aspect and a very low temperature is the place for them to winter, particularly this winter.

Cyclamen.

The critical time with cyclamen is past and the earliest are sending up flowers. From 50 to 55 degrees at night is the temperature. Spray the foliage lightly every fine morning. The lightest bench you have will now suit them. I still think it pays well to spread three or four inches of tobacco stems between the pots. It saves much fumigating. By no means should the foliage of the plants be crowded. The bloom is the chief attraction of the cyclamen, yet the handsome foliage and well rounded form of the plant counts for much. The common green fly is very troublesome on the cyclamen, but there is no excuse for it, as tobacco in its many forms, both as an extract and the fumes, will keep them down.

Two years ago we had a number of cyclamen on a shelf at the east end of a rose range. There was no opportunity of spreading stems among the pots, although they had been plunged in stems all summer. The roses were fumigated with the tobacco dust burned in pie dishes (no better plan, I think) and no aphis appeared on the cyclamen. When this combination of dust and the dish is once tried it will, I think, abolish many fussy methods now in vogue.

Easter Lilies.

The earliest forced Bermuda Harrisii are just coming in, but if they come in plentifully after the mums are gone, that will do. Tobacco smoke or the fumes from the dust will easily keep the green fly away from the buds after they are once above the foliage, but when the cluster of small buds is hidden by the leaves it is not easy to reach the aphis and an occasional spraying with a weak solution of nicotine by a Scollay sprayer into the center of each plant will do much good. A bright house and 60 degrees at night will bring most of these early lilies into flower during December and up to New Year's, but they will stand more forcing if necessary.

Indications of these early lilies point to a disappearance of disease, or at least great improvement in the health of the bulbs. Not any more than two per cent have yet shown the "yellow jaundice," or "spotted fever." WILLIAM SCOTT.

THE POEHLMANN PLACE.

Of all the great greenhouse establishments which have sprung up so quickly in the vicinity of Chicago none has been marked by a greater celerity of growth than that of the Poehlmann Bros. Co., at Morton Grove. The way this place has grown has been one of the wonders of the day. They now have about 600,000 feet of glass, the greater part of which has been built during the last four or five years and is constructed on the most modern lines and in the very best of producing condition. In fact it is asserted that none of the large places of this country produce more heavily per square foot of bench space and in none is closer attention given to producing stock of good quality.

The accompanying illustration shows seven houses 500 feet long built this year and planted to carnations. These are high houses, Garland iron gutters being used, set on seven-foot cast iron posts. There are ventilators on both sides of the ridge and sixteen-inch glass is used. Each house contains four benches each five feet wide and four twenty-inch walks, the economy of space being apparent.

Carnations were planted in this range before the completion of the houses, as is shown in the illustration. They are now in very fine shape. Beauties are largely grown, also tea roses and all the seasonable items of stock, chrysanthemums for fall and bulbous material for spring. It is already stated that another large range on similar lines to the last one is contemplated for 1905.

BIRMINGHAM, ALA.—A. Hauge has worked up a large stock of two new varieties of coleus, Wilhelm Pfitzer and Anna Pfitzer. These are of last year's introduction and Mr. Hauge considers them among the best ever sent out. They are dwarf and stand the sun and drought in good shape. The past summer was one of the dryest ever known in this part of the south.



CARNATION NOTES.—EAST.

Timely Preparations.

The middle of November ought to see stock firmly established and growing vigorously. The flowering shoots will be running up to fair length from now on, requiring the last tier of supports to be put in place. Strenuous days of somewhat monotonous work, such as the removal of dead leaves, for instance, will soon give way to routine work. Attention then can be given to that most important and not far distant task, propagation.

Lay in a good supply of sand and be particular that it is free from impurities, such as sticks, paper and vegetable or animal matter.

Store in a cool, dry place until wanted; it will then keep sweet and can be easily handled.

Give the propagating bench a thorough cleaning and be liberal with the lime and sulphur wash. If you have a house devoted to this work take extra pains to have the roof tight; also provide against drip on the benches from condensation. This is many times the cause of loss of valuable cuttings.

While it is not absolutely necessary to build a bench expressly for propagation, it is obvious that any improvement not too expensive is not only an advantage but a good investment. The one I will describe is inexpensive, since it can be constructed by any grower, and from use has given perfect satisfaction for several years.

The bottom and sides are brick, laid on 2x3-inch cypress running crossways of the bench, the narrow side up, and placed at such distance apart that an inch of each end of a brick bears on each crosspiece. The bricks are laid flat, end to end, and of course the bench can be made any number of bricks wide that may be desired. The sides are brick laid on edge and cemented to the bottom and where ends butt with Portland cement.

Such a bench, being porous, cannot become soggy. The bricks will absorb heat from the pipes underneath and in giving it off impart a uniform heat to the sand. Being practically indestructible, there is no need of repairs for years.

Instead of cypress for crosspieces, or, in fact, any part of the frame, if desired and circumstances permit, iron can be substituted for wood. Another advantage of brick is their power of absorbing the sulphur solution present in the lime and sulphur wash. The gentle heat from below will liberate the fumes in some degree, although perhaps imperceptible to the smell, thus guarding against fungous diseases.

As before stated our experience with this form of bench leads me to highly recommend its use to those who wish an ideal propagating arrangement.

Some growers do not approve of bottom heat for carnation cuttings but, like many things, it is the abuse and not the use that does the harm. One's own ingenuity will devise means for regulating bottom heat that an excess may not occur, but it will be found with brick that there is less liability of great fluctuation.

Geo. S. Osborn.

CARNATION NOTES.—WEST.

Notes on the Varieties.

While it is yet too early to pass final judgment on the new varieties sent out last spring, yet one cannot help beginning to compare them with the older varieties, and with each other, when they come in the same class or color. While making these comparisons we must not fail to bear in mind that in most cases these varieties are handicapped to some extent, in fact, to a great extent, by several conditions which naturally work right against their showing their very best the first year. So we must be as charitable toward them as possible. First of all, if you got cuttings which were put into sand in late February or March it would be unjust to expect them to do as well as your own cuttings, which were put in in January, or even December. If the variety had a large sale and the stock was limited the later batches may not have had the vitality which the variety originally possessed and it will take a year or two of careful selection to get it back to its best. And, as I have often repeated, our own ignorance of its possible peculiarities may stand in its way. Any or all of these things may cause a fine variety to prove disappointing to us the first year.

Perhaps the largest seller last spring was the new scarlet, Flamingo, as great things were expected of it. The cuttings we received were very large and soft and it did not make a good growth in the field. Since it was planted inside it has made a good, strong growth and, while the plants are not in shape to bear quantities of blooms, yet it will have a chance to show its quality. Another season, with cuttings of our own, it will get a better start.

Crusader made a much better growth and, while the color is a little light, it looks as though it might displace Crane, as the bloom is larger and the plant healthier.

Marion Beauty makes a nice bloom, of a good shade of crimson, but up to date it does not compare with Harlowarden in freedom.

Daheim made very small plants in the field but is picking up rapidly. The blooms to date are too sleepy to use but cold weather may remedy that.

New Daybreak made some nice blooms, of a pleasing shade of Daybreak pink. The growth is much better than Daybreak.

Lady Bountiful looks to be all that was claimed for it. It is a nice grower and very free. The blooms come a little single and flat early, but we knew that before we bought it. The crop that is coming now should be of fine quality.

The Belle made better blooms early and is making fine blooms now, but the growth is not as good as Bountiful. A good variety, nevertheless.

Moonlight is proving itself what we expected, a fine early, free and continuous bloomer. The blooms are of good size and pure white and are borne on long stems. So far the blooms are of good form and fullness.

The Bride is a variety which we have taken a decided liking to on account of its beautiful, pure white blooms, and its fine habit. The plant is compact and bushy and the stems, while they are a trifle short, are very wiry and strong. It was troubled some with stem-rot, but that may not be the variety's fault altogether. We shall certainly try it another season.

Our own Indianapolis promises to be as good as ever this year. Our own stock was from rather late cuttings, so that the plants averaged small, but they are picking up and by Thanksgiving we expect a good crop. We hear of some fine batches of it on other places, much better than our own.

All these varieties were shown in fine shape at the exhibitions last winter and showed very high quality, but this year they will have to make good as money getters if they want to stay in the race. Another three months will have to pass, at least, before we can be positive as to their worth.

A. F. J. Baur.

ELISHA N. PEIRCE.

Not a word of the death or even failing health of this dear friend reached us till we saw the obituary notice in the Review. And so this dear, witty, good and great old soul has passed to the unknown. The brief outline of his career, in the Review, is doubtless all facts and well written, but to those who had spent many hours in Mr. Peirce's company, it left an awful lot unsaid.

Mr. Peirce was not, I think, nearly as well known to the great army of florists as he deserved to be. I don't remember seeing him at many national conventions; but for a good many years he was always seen at the carnation meetings and here is where we learned to know and keenly enjoy his company. Perhaps it was because Mr. Peirce took to floriculture somewhat late in life and had with his massive brain a becoming modesty, that he was not more often heard in our discussions. He was there to learn and not to talk; still he talked enough at Detroit in the business meetings and at the banquet to amuse, instruct and delight all within the sound of his delightful Yankee drawl. A voice and accent that just suited his drollery and wit, but this wit and humorous descriptions with which he embellished his yarns and anecdotes was only the effervescence of his character. The weakest judge of human nature could see in him a great, broad, deep, shrewd, but kind character. Perhaps others have noticed what the writer has, that in features, particularly the large bright eyes and the massive forehead and head, Mr. Peirce greatly resembled the late Lord Salisbury, the premier of Great Britain. Farmer Peirce he loved to be called, but he had a classical education and was deeply read. He could quote from modern and ancient authors and his memory was prodigious. The florists had only begun to enjoy his wit and counsel and we often thought of the great treat in store for us at future meetings where Farmer Peirce would be bound to be a conspicuous character. For many years he must have been the life and inspiration of camp fires, and although a member of the Loyal Legion Commandery, he said he

liked the camp fires of the plain old soldier best. He liked to say that he had lived near upon 300 years in Massachusetts and his build and character were such that made you love and respect the name, New England Yankee. Shortly after seeing him in Detroit last March we received a kind invitation to visit and stay with him a week or two. If we did not want to sponge on his hospitality we could advise on laying out his front yard of 60 acres, and so on. We shall ever cherish that kindly friendship he must have had for us and deeply regret that we could not see our way to accept his kind invitation. One of the greatest treats of our later years was to listen to Mr. Peirce's anecdotes and reminiscences of the war or of his winter visits to the West Indies, Mexico, Bermuda, etc. He spread merriment, light and wisdom wherever he was. I could say much more of our dear old friend, and what little I have said is prompted, because outside of his New England friends, thousands of our brothers do not know and never will realize that in the death of Elisha Peirce the florists have lost one of the very brightest, broadest, deepest, wittiest and withall kindliest of men. We admire and respect many men of our craft, but none did we love as we did dear old Farmer Peirce.

WILLIAM SCOTT.

CYMBIDIUM LOWIANUM.

The accompanying illustration of Cymbidium Lowianum is from a photograph of a plant in the collection of Harry G. Selfridge, Lake Geneva, Wis., whose head gardener, C. H. Gebhardt, supplies the following description and cultural details:

"The stems of Cymbidium Lowianum pseudo-bulbous, four to six inches long, leaves linear ligulate, twenty-four to thirty inches long; racemes robust, arching, bearing eighteen to twenty-five flowers three to four inches across transversely; sepals and petals similar, oblong, lanceolate, greenish yellow with reddish veins; lip three-lobed, the side lobes roundish oblong, erect, light buff-yellow, the intermediate lobe red crimson with buff-yellow margin, white at the base.

"Cymbidium Lowianum is from Burmah. We pot them in a mixture of two-thirds chopped fibrous loam, one-third chopped osmunda root fibre, a little sand and a little chopped live sphagnum moss. We give plenty drainage, of broken pots, not less than one-third of the depth of the pots. We give them ample pot room, as the roots are thick and fleshy and freely produced. We also add, for strong plants, one part of old rotten cow manure. The flowers will last on the plants for three months and if cut for six weeks in a cool room.

"The watering must be regulated according to the season of the year, plenty in summer and on the dry side in winter. We keep them all the year around in our Mexican house, which is in winter at night from 50 to 55 degrees and 5 degrees higher in the day time. In summer we give plenty of ventilation from top and bottom. We shade heavily and syringe twice a day and damp down the paths three times a day in summer but only once a day in winter. This cymbidium could be grown successfully in any other cool greenhouse with similar treatment. It is of easy culture and if given good care it pays well."



Cymbidium Lowianum.



RECORD KEEPING PAYS.

I noted with pleasure some notes in the last issue, I think it was, regarding record keeping, and while it was not written in reference to violets, nevertheless it is a subject that I have mentioned before, and which bears repetition. If in this way I can persuade some one to commence keeping records this season who has heretofore neglected to do so, I shall have done a good work.

Get a convenient sized blank book and rule it to suit your individual needs, which will vary with different establishments. The most simple way is to keep a total of daily cut, but where there is more than one house it is much better to keep the cut of each house separately, thereby enabling you to determine which house is doing the better and, if in the charge of different men, giving you a pointer on which is the better grower, always taking into consideration other things being equal. It is also conducive to some good natured rivalry, which never comes amiss and does all good, both employer and employe.

But, leaving these considerations out of the question, unless growing a very limited quantity, it is the proper thing to keep complete records if you would know thoroughly where you are at. You will find it a very useful and interesting record if you elaborate it still farther and keep the temperature, both inside and out, in connection with the figures showing the daily cut.

These are suggestions which everyone can carry out more or less fully to meet his individual needs, but whatever you do, keep at the very least a record of the daily cut of each variety.

Use Care in the Packages.

Everyone is now settling down to the regular routine work of picking, packing and shipping and this brings to mind the fact that violets are even more particular than are most of cut flowers about their surroundings. Never take any chances about where they stand when picked, or about the packages that you ship them in, for if there is the least foreign odor there, the violets will be sure to absorb the same, to their ruination, for violets without fragrance have lost half their value and with an odor of soap from the boxes they are worthless, for most people buy them for their own fragrance and not for their looks.

For your retail trade have a special violet box and never allow them to go out in candy, shoe or other boxes of that kind, as I have sometimes seen done, for if you do it will surely react on your trade sooner or later. Besides, if for no other reason, the appearance of the packages that go out of your place now-

adays goes a long way toward the continued patronage of your customers, and you can never be so certain of retaining them as by perfection in detail each time they buy or order.

Be sure to have plenty of white waxed tissue paper to wrap violets in when packing. Never use ordinary tissue, as it is not at all suitable, for many reasons. It is also very appropriate and in keeping to use purple cord to match the violets in tying up a retail order.

Keep Up to the Mark.

In the houses take good care of the ventilation and do not thoughtlessly or otherwise let the temperature run up too high some of these bright, pleasant days. Remember that the violet is always a lover of plenty of cool, fresh air. "The more the merrier."

Again, by the time you are perusing these notes you will be approaching Thanksgiving day and, as every holiday means extra work in the sales department, be sure and go over the houses at once and thoroughly clean out poor, yellowing foliage, etc., so that it will be in shape to carry through the week without attention, aside from the airing and watering necessary. This will never be an extended job provided you keep the plants up to the mark all the time. And after delivering all those boxes of violets, to say nothing about the other flowers, you will want time to pick that turkey, and a violet grower needs the relaxation if ever any poor mortal needs it, for he can always see work ahead of him, and much of it not of the easiest.

R. E. Shuphelt.



AN EARLY YELLOW MUM.

During the present season there have been no varieties of chrysanthemums which have been so profitable as the early yellows. A new sort in this class is Merstham Yellow, an introduction of W. Wells & Co., the well known English growers, last season. It was given a gold medal at the Royal Horticultural Society of Great Britain and was awarded the certificate of the Chrysanthemum Society of America when exhibited in New York, October 8 this year. It is of the largest size. Chrysanthemum Merstham Yellow is the subject of the title page of the current issue of the Review.

NOTES ON 1904 NOVELTIES.

It is safe to say that never before were so many fine varieties sent out in one year as were distributed this spring, and the record they are making at the exhibitions is wonderful indeed. Chief among these is, of course, the matchless Duckham. No variety ever sent out can show such a record in the time. At every exhibition it is the same story, nothing to touch Duckham in pinks. Lenox, Madison, Red Bank, Boston, Tarrytown, all bear eloquent witness to this fact. Commercially, where fancy blooms are asked for, Duckham is distinctly "It." This variety has wholesaled at $9 per dozen in New York for special blooms and it is safe to say that this is the highest price obtained for many years, in the wholesale market.

Leila Filkins and F. A. Cobbold are both very prominent in the pink section, Filkins beating Morel everywhere they were shown together.

The red varieties were somewhat of a disappointment, S. T. Wright burning badly when exposed to the open sunlight. Some blooms were shown at Boston by Mr. Thos. W. Head that were perfect in color and finish, evidently taken on a later bud; but on the crown bud Wright did not live up to the promise of his youth. Maynell was much better and has been shown very fine everywhere.

Henry Barnes was set up in wonderful shape at Oceanic, but this variety, though the most beautifully colored of all the reds, is too weak in the neck for any but the short vase classes.

Mary Inglis has come in for some criticism, but the way it was shown at Boston shows conclusively that the fault is more with the grower than with the variety. Grown right it is an immense flower, one of the very largest.

Donald McLeod has also found many friends. It was one of the largest flowers in the Lenox show and its bronzy effect is very telling in a collection. One of the largest New England commercial growers tells me that he likes it exceedingly for cut flower work and will grow it more largely next year.

Cheltoni has made a great name for itself this year. It has beaten Appleton in several competitions and when grown from crown buds builds up into a magnificent flower. It is rather early for any but the first exhibitions, but in its season, October 15 to 30, it is unequalled as a yellow for either private or commercial use.

Mildred Ware showed too much neck for our American ideals of a fine variety, and we are afraid it will not be grown largely again. The color is good for a collection, but it is a tall grower and we can find something else in its color more acceptable.

Ben Wells has been shown very finely at several places and as a purely exhibition flower, it is grand. Immense in size, with a stem like a walking cane, it is one of the easiest things to handle ever grown. When the flower begins to age it looks like nothing so much as a bunch of paper ribbons loosely bundled together. General Hutton was also shown very finely and will doubtless be set up again in New York this week. The bronze color has not shown so much this year and the flower appears more as a pure yellow and it makes a splendid variety to set up on long stems.

Dr. Enguehard is hopelessly outclassed as an exhibition flower, being far too small, though it finds friends in some quarters for commercial use. A very good vase was on exhibition at Boston that had been taken on a later bud which showed neat flowers of good character. I could never understand why this variety when it was sent out last spring, was advertised as a flower that never came sprung centered. What is a sprung centered flower anyway?

Some of the older varieties are being dropped as usual, white Eaton being hardly seen at all this year on the exhibition boards. Change is necessary and as the older kinds run down, so will the young fellows take their place, and a cycle of a few years sees an entirely new set of varieties in the exhibition hall.

Brian Boru.

PRICE OF GLASS.

Word comes from Pittsburg that a new association of window glass manufacturers and jobbers has begun a fight against the American Window Glass Company by cutting the lowest prices offered by that company 2½ per cent. The executive committee on November 5 announced the new discounts, which are 90, 20 and 2½ per cent off the manufacturers' list for the first three brackets, and 90, 10 and 2½ per cent for all sizes above the third bracket.

Salida, Colo.—A. A. Wood says business is very good and everything indicates a prosperous season. Stock is coming along nicely. He is experimenting with Actinella Richardsoni and thinks it will take a prominent place among commercial plants.

THE LAST CHANCE

THE REVIEW of November 17, will reach all the trade by Saturday, November 19, just when Thanksgiving orders are being mailed. Later issues will not reach the Trade until after orders have been despatched. Thanksgiving is November 24.

PLEASE SEND COPY FOR SPECIAL ADVERTISING AT ONCE.

BOSTON.

The Market.

Prices have been rather on the downward grade the past week and little betterment is likely until the avalanche of chrysanthemums ceases. American Beauties hold previous quotations, but Brides, Bridesmaids and other varieties are weaker. Best fancy carnations have sold at $4, while ordinary grades have gone as low as 75 cents to $1. Violets are now coming in very fine quality, those coming to the Park Street Market from William Spilsbury, of Woburn, being splendid. Paper White narcissus is coming in more freely. Some chrysanthemums get as low as $3, but good stock goes higher. Bonnaffon averages $6 to $8. Balfour, in pink, brings $16 and first grade yellows the same price. There is a very brisk demand for green stock, especially Asparagus Sprengeri and plumosus.

Various Notes.

Mum has been the word the past week. The attendance of florists and gardeners from all parts of the state was very large. The establishments of Sim, Fisher, Nicholson, Patten, Waban Conservatories and other well-known growers were visited by many of the visiting florists.

The garden committee of the Massachusetts Horticultural Society visited the greenhouses of H. H. Rogers, Fairhaven, on November 8. James Garthley, the gardener, entered a fine house of pot chrysanthemums for the society's prizes. On November 10 a visit was made to the estate of Joseph H. White, Brookline, where James Wheeler, the new vice president of the C. S. A., is head gardener. The visit was very much enjoyed.

Newtonville Greenhouses are shipping a very fine lot of Bon Silene and Safrano to the Park Street Market.

John Mutch, of Newtonville, who is an expert in orchid culture, has had a grand lot of Cattleya labiata. He has cut to date over 10,000 flowers.

At a meeting of the board of trustees of the Massachusetts Horticultural Society, on November 5, it was voted to recommend the same appropriations for prizes for 1905 as in 1904, with the exception of a substantial increase for the spring show, when the American Rose Society meets in Boston. Several new members were elected. It was unanimously voted to send a cordial invitation to the American Carnation Society to meet in Boston in 1906.

A. F. Estabrook, one of the nominees for the presidency of the Massachusetts Horticultural Society, has declined to serve if elected. William H. Spooner has been nominated in his stead. The other candidate is W. W. Rawson, of Arlington. The election occurs on November 19.

The Gardeners' and Florists' Club will elect officers at its next meeting, November 15.

Over 500 people attended the public demonstration at Arlington on November 5, given under the auspices of the Massachusetts Horticultural Society for the purpose of educating those interested in how to fight the brown tail and gypsy moths and San Jose scale. Instructions were given by Prof. A. H. Kirkland and H. L. Frost. The big sprayer of the Boston park system was used. The meeting was attended by many florists and was one of the most interesting and instructive ever held in the vicinity of Boston.

W. N. CRAIG.

CHICAGO.

The Market.

The flood of mums has not abated during the past week and the receipts of fancy stock have been rather more than the market could assimilate at quoted rates. As a matter of fact, the good small stock has made better comparative values than the big blooms. The Beauty crop is up to all requirements and quality good. All grades of teas are plentiful, from very poor to very good, the proportion of the latter on the increase in spite of unseasonable warm weather last week. Maids are a little off color. Liberty is good and selling well. Carnations, like everything else, are coming in heavily and the quality shows little effect of the bright sun, although Lawson is seen in all shades of color, also Enchantress. Violets have not been largely in evidence the last few days, the growers evidently holding back for a Thanksgiving supply. Some good Hudson river stock comes in every day, but Tuesday, there being usually no receipts on that day. Valley goes slow, also greens.

Trade has been quite good, else the huge receipts would have piled up mountain high. A change to cool weather and the near approach of Thanksgiving, coupled with the flower shows, should help to stiffen the market next week. A good Thanksgiving is in prospect.

Various Notes.

Next week the flower show will be on at the Fine Arts building. Everything promises a good exhibition. The daily papers are giving considerable space to the fact that a flower will be given each visitor. A supper is on the program for one evening, many trade visitors being expected. John Degnan has charge.

This week nearly every wholesale house, and many of the greenhouses, are contributing one or more to swell the crowd at St. Louis. Reports are that it is a great show.

Fred Weber has his new establishment in splendid shape. He has two houses 27x300 in Beauties. It is worth any Beauty grower's time to go and see them, not that by mere looking can the secret of Beauty growing be learned, but it will give an idea of what skill and a very great deal of work can accomplish. The place is clean and the growth wonderful. The cut is not large at present but there is abundant promise. The cut goes to E. C. Amling.

The Benthey-Coatsworth Co. has harvested a fine crop of the new aster, Benthey's White and Benthey's Pink, and will distribute it to the trade this winter. The seed was grown at New Castle. It was the best selling variety offered in this market and at St. Louis this summer.

Leonard Kill, of Peter Reinberg's, went to St. Louis last Friday night, intending to stay a week and visit Memphis before returning.

N. J. Wietor says the mums are ten days or two weeks earlier than usual; they expect to be well cleaned out by the Thanksgiving demand, where last year the cut carried quite a ways into December.

C. M. Dickinson, of E. H. Hunt's, has been experimenting with coloring cape flowers until he has the art of dyeing these difficult subjects down to a fine point.

Mrs. R. Jahn, of the Butler Floral Co., says business is much better than she expected it to be so soon after opening. She has a wide acquaintance and gets a great deal of business over the telephone.

At the Thompson Carnation Company's place at Joliet they use recording thermometers and carry the temperature right on a line all night. Two styles of thermometers are used, one which contains a clock and must be just so to work, and the other made by the Parker Mfg. Co., Boston, which works under any and all conditions.

J. A. Budlong has a crop of tea roses just coming on.

Weiland & Risch sent some of their fine Brides and Maids to the Joliet show last week.

Vaughan & Sperry are getting some unusually good Kaiserins.

E. E. Pieser, of Kennicott's, says business for October, particularly the latter part, was better than he ever knew it to be in a campaign year.

The Lincoln park flower show is on this week and a particularly goood showing is made.

Mrs. Horton and Andrew Benson are at St. Louis this week, looking after Bassett & Washburn's exhibit.

W. N. Rudd is sending the E. F. Winterson Co. his carnation, Phyllis, in fine shape.

C. W. Kellar is handling a fine lot of dendrobiums as well as cattleyas.

George Reinberg is getting a very fine cut of fancy carnations.

Percy Jones is handling some especially good home grown Princess of Wales violets.

A. L. Randall Company says that where they last season averaged 11 cents on a certain grower's chrysanthemums, the cut this year brought an average of 14 cents.

Sinner Bros. are cutting some very good roses in several varieties.

There were many visitors in town on Sunday and Monday en route to the World's Fair flower show. Visitors on other errands were: B. Eschner, Philadelphia; E. Benard, San Diego, Cal.; Miss Gertrude Blair, Des Moines, Ia.; John C. Chase, of Benj. Chase Co., Derry, N. H.

MALTA, OHIO.

W. C. Scovell has the past season built a carnation house which is modern in every respect. It is 23x70 feet, with side wall seven feet high and fourteen feet to ridge. The glass in the side walls comes down to the bench level. The house contains three benches five feet wide and four walks two feet wide. The benches, or rather, beds, have concrete walls twenty-four inches high and the walks are also concrete. Tile and gravel give a good drainage. The purlin supports are iron. The house was erected by Mr. Scovell and costs, exclusive of his labor, $700. Business is very good with him. He is now cutting fine carnations and chrysanthemums.

CAMBRIDGE CITY, IND.—Thomas Peet, who recently purchased the greenhouses of Howard & Lively, has the place in nice shape with good prospects for business.

CANANDAIGUA, N. Y.—The Canandaigua Gardeners' and Florists' Society will give its annual show November 15 and 16. The officers are: President, Joseph Jones; vice-president, Robert H. McKerr; secretary, Fred C. Hawley; treasurer, Albert O. Lucas; hall committee, Joseph Jones, Robert Balantyne and Robert H. McKerr.

PHILADELPHIA.

The Market.

Business has not been very good. The optimists say it is better than a week ago; the pessimists say it is not "worth a row of pins." With the mid-season chrysanthemums and the election out of the way, conditions are slowly improving. The mountainous wagon loads of flowers coming into town are appalling. Gallantly have the wholesalers worked to get them out of the way, with only fair results; they come in very fast.

This is show week and chrysanthemum is queen. The Leo Niessen Co. reports the varieties of the week to be Timothy Eaton, Mrs. Robinson and White Bonnaffon, white; George W. Childs, red; Col. Appleton, Major Bonnaffon, Yellow Eaton, yellow; Balfour, Byron, Chamberlain (new English), Maud Dean, Barclay and Dr. Enguehard, pink. Ivory is useful, but not a fancy. The Cut Flower Co. had their first Eatons on Wednesday and a number of the above sorts in fine form. Among other additions to the list are Philadelphia, lemon yellow, at Wm. J. Baker's; Golden Wedding, orange yellow, at Berger Brothers; Mrs. Nathan Smith, white, Cheltoni, lemon yellow, at S. S. Pennock's.

Roses and carnations continue dull; violets are fair stock, with prices a little better. Orchids are becoming more of a factor. S. S. Pennock stated that he can fill an order for 400 white orchids or cypripediums, an impossibility not long ago.

There Is Room at the Top.

The feature of the November meeting of the Florists' Club was an exhibit of fancy chrysanthemums and carnations made by Edward A. Stroud, of Overbrook and Strafford. There were four large vases of chrysanthemums, all very fine and all of recent introduction. The varieties were William Duckham, pink; Mrs. Nathan Smith, white; Cheltoni, an improved Nellie Pockett, and Ben Wells, white. The carnations were Judge Hinsdale, white with carmine markings, large, rather globular; Enchantress, pale pink, in fine form; Mackinac, a splendid white, large flower on stout stem, a beautiful bunch. This variety is considered their most prolific sort. This display was greatly admired by the many members present. It reflects great credit on the energy and enterprise of Mr. Stroud and on the skill of his foreman. It is of especial interest, as the varieties are all commercial sorts that are bringing good prices in these days of over-production.

Ranstead Street.

Ranstead street runs west from the junction of Fifteenth street and South Penn Square. It is known floriculturally as the business home of Edward Reid. Improvements have been added from time to time, until now the place is seemingly arranged to the best possible advantage, every square foot of space being utilized. Two floors are used, the upper having the sales room, the capacious ice-box, the cooling room for carnations and the office, where Miss Evans presides over the books and the mimeograph. The lower floor contains another large ice-box, used chiefly for roses and valley, a large cool room, well filled with shelves for carnations and other flowers and duplicate desk, shipping facilities, etc. A compartment of the upstairs ice-box has just been equipped with a complete set of trays for greens that are very convenient. Mr. Reid carries a very fine lot of stock, which he is always ready to show.

Gardenias.

The wholesale market has been somewhat unsettled on the gardenia lately. The price stood at 20 and 25 cents in the end of October. The supply shortened and it advanced to 30 cents. It has today reached 35 to 40 cents. A private family living on a large estate some distance out of town, desiring to secure better returns for their gardenias, sent their daughter to the city to sell. See the returns. The first retailers offered her 35 cents for her gardenais. The next retailer created a sensation by offering 50 cents each for her best blooms; possibly with a view to exclusive control. So the price of gardenias today has reached double that of a week ago.

A Chat About Bulbs.

The roomy store of Johnson & Stokes is filled to overflowing with all sorts of things to rejoice the heart of a true gardener, with just enough plants around to add a touch of life to the scene. Upstairs W. J. Sherry made time to give Phil a cordial welcome and a few ideas about bulbs. Despite heavier importations, Mr. Sherry said narcissi, especially Von Sion and tulips, are scarce; so are crocuses. Named hyacinths of good varieties are still to be had in quantity, but that is possibly due to the late Easter next season. By December it is likely these two will be marketed, making the season a leader on bulb sales.

Hightstown.

Charles E. Meehan, the hustling manager of the Flower Market, and D. T. Conner, with Lord & Burnham Co., paid a visit to Hightstown, N. J., last Friday, thoroughly enjoyed by both. They went there on a freight train, not for an election wager or to save expense, but just because it so happened.

They visited Pierson & Bodine, a new place with a fine house, 16x250, devoted to violets in excellent shape. Nothing was said about who put up the house, but Mr. Conner's interest is very significant.

Joseph P. Johnson was next. He has a half-dozen houses devoted to violets, chiefly Lady Campbell. They are very fine and the blooms are much admired at the Flower Market.

Then came Black & Son's place. Elias Black received the visitors. Besides good violets, there are plenty of carnations. Scott is grown as well as in its palmiest days. Queen Louise, Enchantress and Mrs. Lawson, all looked well.

Tracy Norton came next, He had violets galore. They can grow violets at Hightstown, Mr. Meehan says so; he has been there and he ought to know. In talking about the violet market this fall, Mr. Norton said: "The warm weather was due to the warm weather." If you can guess what he meant when quoting this sentence you are very much smarter than Phil.

Darkness came next, much to the disappointment of the visitors who wanted to see Richard Norton, Chas. Black and Pierre, but you can't do all the places when you travel by freight.

Various Notes.

Paul Berkowitz, of H. Bayersdorfer & Co., returned on Monday from a very successful fall trip. The firm is tremendously busy, shipping orders all over the country.

John I. Heibeck, of Chester county, will offer his greenhouses for sale next week.

Wm. J. Baker is receiving some exceptionally well grown chrysanthemums from M. J. Brinton, of Christiana, Pa. Philadelphia, Major Bonnaffon and Maud Dean are among his varieties.

The Leo Niessen Co. had a large order for the white chrysanthemum Mrs. Henry Robinson this week.

Wm. J. Moore has been visiting the growers lately.

The chrysanthemum show in Fairmount park was thrown open last Sunday to a tremendous crowd of visitors. It will be continued as long as the flowers remain in good condition.

The display at Gimbel Bros.' store, described last week, has been continued this week. It is attracting great crowds of people. Hugh Graham used a considerable quantity of flowers to keep the decoration fresh. His work was greatly admired.

A. M. Campbell, with Edw. Reid, who was ill last week, has returned to his post.

In last week's Riverton notes Viola cuculata should have been Viola cornuta, the tufted pansy. PHIL.

ST. LOUIS.

The Market.

Business is steadily improving and the outlook is good for a busy season from now on. There seems to be plenty of work for social affairs, also in funeral designs. Several of the leading retailers report large wedding orders for next week. Last Saturday was a very busy day. Chrysanthemums are in great abundance. They always are when show time approaches. The finer quality are now upon the market. There are so many of the better sorts now in that fancy prices are out of the question, and it is only a question of "how many can you use and we make a price to suit." About all that can be obtained for the very best chrysanthemums is $3. The next grade can be had from $1 to $2. The big show at the World's Fair should help the sale of cut stock considerably.

Roses are not much looked after during the mum season and unless they are extra fancy they are hard to dispose of at satisfactory prices. White and American Beauties are the only sellers now. Plenty of red and pink are going to waste for want of demand. Fancy teas do not bring over $6 per hundred. Good quality of roses can be had from $2 to $4, and even cheaper in 1,000 lots. The prices asked for fancy Beauties are $3 and $4 per dozen, and $6 to $10 per hundred is the price for the stock with shorter stems.

Carnations are also plentiful. There seems to be a general complaint that stock goes to sleep over night. Of course, the retailers are only buying for their daily sales. One retailer reports that he dumped 500 that were bought for fancy at 3 cents; they were worthless

the next morning. The cause has not as yet been explained. It is not merely one man's stock, but all.

Violets are having a great sale, both single and double, and not enough come in to supply the demand. Californias sell at 50 cents, and doubles at $1. In bulb stock, valley, Paper Whites and callas are fine, with a fair demand at their usual price. Of greens the market has plenty.

Various Notes.

As the time for the opening of the big show approached everybody was busily at work in the conservatory at the World's Fair getting things in shape for the opening. The prospects for a successful show are very flattering, as the daily papers have given it some great notices and have gotten the general public to talking about it. Manager Hauswirth, of Chicago, and Fred Meinhardt, of this city, have been busy all of the past week. Great wagon loads of plants from the local florists were placed in the building on Sunday. Taking everything into consideration, it will be the largest flower show ever held in this country.

On Wednesday, October 26, the First National Conference of Horticultural Society Officers and Workers was held in the Horticulture Building, World's Fair. The conference was called to order by President C. F. Hale, of Michigan..

George E. Kessler, chief of the landscape department of the World's Fair, returned Friday to St. Louis from his home in Kansas City to attend the meeting of the park restoration committee, which will confer this week regarding the question of restoring Forest park after the fair closes.

Some of the street fakirs are still selling flowers on the street corners, despite the order from the city officials and the great efforts of the downtown florists, who say that they will not molest them if they keep within certain limits.

The club meeting this week will be held Thursday in the Horticulture building at the fair, so that out-of-town visitors can take part in the proceedings. This was decided at a meeting on Monday.

The opening of the new city hall on Friday night was a social affair. All the offices were decorated with plants and flowers, mostly chrysanthemums, the ladies carrying large bunches of flowers. The opening must have been a profitable one for the local trade. J. J. B.

NEW YORK.

The Market.

The market during the past week was unworthy of the name. All the wholesalers were flooded, Prices at times were bottomless; stagnation was universal. Never was stock more perfect and never, it is claimed, has so discouraging a week been experienced in the street's record. The present week shows no improvment at its opening. With the election over, the weather seasonable and the demand of society once more in evidence, the close of the week may see the longed-for turn of the tide. That it may be so is the sincere desire of the REVIEW, to whose patrons and friends we wish abundant reason now and always for unlimited Thanksgiving.

Various Notes.

Cleary's Horticultural Hall is now an established enterprise, ably managed and with every indication of permanent success. A big sale of hardy roses in the near future is announced and every Tuesday and Friday the auctions will continue until Christmas. Ambrose Cleary is a model auctioneer.

The Hinode Co., of Whitestone, L. I., is now rejoicing in the completion of its new greenhouses. Their stock of Easter lilies will be enormous and their sales of the tiny Japanese plants have been far above their expectations.

Alfred Dimmock, of Sander & Sons, St. Albans, England, is enjoying a very successful season among his many American customers and gracing the fall exhibitions with his breezy presence.

Wm. H. Siebrecht, Jr., of Astoria, has hung out his shingle at 277 Broadway as a full-fledged attorney at law.

Sigmund Geller's new store on the ground floor is proving a great convenience, and an additional zinc-lined room just built gives him one of the most complete establishments in the supply line in the country.

Alex. Guttman's new red carnation, Victory, grows in popularity wherever exhibited. Boston demonstrated its faith in the future of this flower. It will be exhibited at the next meeting of the New York Florists' Club, Monday, November 14, with many other attractive novelties. This meeting promises to become one of the best of the year. In the afternoon the bowling club will meet and lunch will be served in ample time for the evening meeting. All out-of-town visitors are invited.

It is hardly to be wondered that enthusiasm as to a New York exhibition similar to those which have proved so costly to their promoters, is a hard thing to materialize, and yet the show under the auspices of the American Institute, which begins on Thursday and continues for ten days, promises to break the spell and renew the record breaking attendances of other years. Not only flowers, but everything pertaining to horticulture will be displayed. Many thousands of complimentary tickets are distributed and the officials place their estimate of anticipated attendance at 100,000.

Right opposite the big hall, above Macey's where the show takes place, is M. A. Bowe's, where for some weeks, with orchids and mums in abundance, most beautiful windows have been created.

Arthur T. Boddington has large importations of hardy roses, peonies, lilacs and nursery stock generally arriving and shows some fine wedding bells. White Romans are going fast. The depletion of all kinds of bulbs is decidedly encouraging.

F. R. Pierson's artistic hand was in evidence everywhere at the successful Tarrytown show. His new fern is winning recognition wherever exhibited.

Ghormley's facilities for handling his immense shipments were never so good as now. The immense ice box is now complete. Mr. Ghormley has entirely recovered his health and is quite hopeful as to an immediate improvement in business.

L. Wertheimber & Co., 39 Barclay street, are making a specialty of Alpha Christmas bells, for which they find a heavy demand, last season being entirely unable to fill their orders.

Warrendorff opened a fine branch at One Hundred and Twenty-second street and Seventh avenue last Saturday. Several branches will be established in other desirable parts of the city during the winter. The business is to be incoporated under the title of The Warrendorff Co.

Ehmann is celebrating his fifth anniversary by installing electric lights, while a block away David Clarke's Sons have elaborately decorated and filled their immense establishment for Thanksgiving. For Scottii they find a great and increasing demand. They consider this the best commercial fern in the market.

Mrs. Warrendorff, Sr., has been very ill for several weeks but is convalescing slowly.

The sixth annual flower show in the Central Park greenhouses is now open.

F. H. Traendly was a visitor at the Boston show and dwells enthusiastically upon the fine exhibits, the new seedling carnations at Peter Fisher's and the grand stock of Patten and Nicholson.

Ford Bros. are receiving some splendid Appletons, Jones and Maud Dean from O. Boehler, of West Hoboken, and their Enchantress, Dorothy and violets are as fine as the finest.

Capt. Fenrich has his store spick and span for Thanksgiving and is fast building up a business that promises to compare favorably with many of the veterans.

The orchid's popularity grows and prices are again normal and the supply none too abundant for the universal use that seems inevitable. McManus handles many varieties daily and is ready for the certain shipping demand that he has done so much to develop in other cities, shipping them from Montreal to New Orleans and Chicago.

Charles Millang's special conservatory is ablaze with light and color and his greenhouse stocked with an abundance for the city retailers.

Jos. Millang, manager of the Cut Flower Co., maintains his reputation as "the Beauty king," the special stock he is now handling being as fine as any that has ever reached the New York market.

J. K. Allen is increasing his sources of supply this fall, many new growers having been added to his clientele.

The Clucas & Boddington Co. has about completed one of the busiest seasons in its history. The nurseries at Sparkhill have been developing rapidly this year.

Lecakes & Co. find their cut flower department, under the management of John A. Foley, a very profitable addition to their large fern and galax business. They also handle plants of all kinds and will have some fine holly for Thanksgiving.

Reed & Keller report a fine run on their novelties and inventions, many of them especially adapted for the holiday requirements.

Schloss Bros. have many handsome novelties this fall. They have only satisfactory criticisms to make as to the increase in their business during 1904.

Leikens' store on Thirty-third street is a little gem and his prospects for a big business this winter encouraging.

Condon's chrysanthemum show is drawing large crowds in Brooklyn.

Bowling.

Following is the record for November 7:

Burns	129	134	Traendly	151	162
Holt	91	144	Fenrich.	147	104
Manda	158	149	Hoffmeir	104	115
Shaw	119	184	Donaldson	125	145
Ford	133	122	Marshall	157	176
Lang	172	162	Lentz	159	135
Kessler	202		Guttman	114	



At Auction

Tuesday, Nov. 15th, 11:30

54 & 56 Dey St., N.Y.

Three large consignments from Messrs. Loef & Co., Van Tol & Co., H. Koloss pr. St. Amsterdam, consisting of Roses, dwarf and standard Rhododendrons, Hydrangeas, Azalea Mollis, Magnolias, Conifers, Bulbs, Roots, etc.

CATALOGUE NOW READY.

W. ELLIOTT & SONS, Auctioneers.

PITTSBURG.

The Market.

The near approach of the election seems to have affected business the past week, as there was considerable complaint among the retailers. However, if the regular business was slow, there were quite a few large affairs which at least made a fair week for those who were lucky enough to have the orders.

Club Meeting.

The Florists' Club met November 2 with mums on the table. A. Herrington, president of the national society, exhibited some very fine specimens, as did also Nathan Smith & Son and Wm. K. Harris. R. Vincent, Jr. & Son exhibited pompon varieties. The local people did themselves proud on this occasion, and it was the first time that they brought in a better display than we have had from our out-of-town friends. Among the home people, Mr. Jenkinson, gardener for A. R. Peacock; John Jones, the Schenley park gardener; the Godwin boys, the Florists' Exchange, Mr. Zimmermann of Dixmont, the Sewickley Cut Flower Company, G. & J. W. Ludwig, for Wm. Kasting; Blind Bros. and the Pittsburg Cut Flower Company each displayed very creditable stock.

After discussing all these, President Falconer introduced Fred Burki as the man who grows mums at a profit and called on him for some remarks as to his method. The meeting was one of the best attended for some time, almost every chair in the hall being occupied. All were well repaid for the time spent.

Various Notes.

Breitenstein & Flemm had the decoration at the banquet given to the English steel manufacturers by the Westinghouse Co. This was one of the big things this week, about 650 being seated.

A. W. Smith had the Chamber of Commerce banquet at Hotel Schenley. This was on a more extensive scale than usual on account of the foreign guests.

Randolph & McClements had several large weddings this week, as well as a large banquet at the Schenley given to the British steel manufacturers.

G. & J. W. Ludwig had the decorating for the opening of the Gaiety Theater.

Mrs. E. A. Williams has a beautiful and novel decoration in her large window—mums, Japanese lanterns and posters. It was indeed beautiful and attracted a great deal of attention.

Geo. A. McWilliams has installed another sixty-horsepower boiler at his Natrona plant.

F. R. Pierson & Co., of Tarrytown, N. Y., sent a box of their new fern, which arrived one day late for the club meeting, but has been on exhibition at the Pittsburg Cut Flower Company. They have been much admired.

E. C. Ludwig is receiving large quantities of pompon chrysanthemum blooms of many colors, which sell readily.

Hoo-Hoo.

EDWARD A. BEAVEN

HIGH-GRADE SOUTHERN WILD SMILAX

AND FLORISTS HARDY DECORATIVE SUPPLIES

FLORIST MAN, Everywhere. EVERGREEN, ALA., Nov.

Dear Sir:—DON'T YOU BELIEVE you will be held accountable for all your little slips, even to "*apparently justifiable, judicious cursings?*"

Do you *think for an instant* you will escape a chalk mark against you for the very genteel job of CURSING you "PUT UP" on account of failure to get that last or several lots of SOUTHERN SMILAX, you so guilelessly looked for and depended upon?

DON'T YOU BELIEVE IT ! ! !

IT WAS YOUR OWN FAULT.

You should have ordered from ONE who could supply it, AND YOU WILL BE HELD ACCOUNTABLE JUST THE SAME.

Be warned, Oh, Brother, there is only one way to avoid trouble (and cursings).

My agents, L. J. Kreshover, New York; J. B. Deamud, Chicago; W. F. Kasting, Buffalo, will help you out, or if you prefer it,

Your humble servant,

E. A. Beaven

(Largest dealer in GREEN GOODS in America. Let me figure on your Christmas business.)

Mention The Review when you write.

CINCINNATI.

The Market.

After the bright prospects of last week, it would seem to be rather discouraging to have the market slump; but slump it did and the poor mums had to stand the blunt of it all. The good prices that were being obtained for them have dropped nearly one-half, and now, unless they are A1, it is hard to move them at anything like a paying price. There can be no other explanation of this than that the retail stores are doing very little business. The weather is entirely too pretty. We are having ideal fall weather and that is not the kind that tends to make business. We want a cold, rainy spell and then, I believe, trade will be all right again. The closeness of the election may have had something to do with it, but we will soon be able to judge of that.

Medium and small mums sold best, but all kinds sold at very low figures.

Pansies 100,000 Pansies

Excellent Strain. None Better.

$2.50 per 1000. $10.00 for 5000

MOREL BROS., 624 East Market Street, SCRANTON, PA.

Mention The Review when you write.

Roses also suffered. Beauties that have been doing so well were dropped a few notches in price. Other varieties were coming in large numbers and quite a few had to be disposed of at job lot prices.

Carnations were more plentiful and they are suffering the least of all, but prices obtained are not up to last year. Other stock is the same as last reported.

Various Notes.

On November 12 will take place our annual mum show. There is no question but that it will be very good this year. Several out-of-town growers will compete in the various classes and besides many seedlings will be exhibited.

The store of Rusconi & Myers, at Avondale, was broken into last Saturday night and the money drawer ransacked, but although it contained over $12 in cash, nothing was taken.

Mr. John Evans was a visitor.

C. J. Ohmer.

VISITORS TO THE CHICAGO

FLOWER SHOW

ARE INVITED TO MAKE

OUR PLACE HEADQUARTERS.

FOR QUALITY AND VARIETY of stock our place is a good sized flower show in itself every day during the season. In eight years of business-like dealing we have gained and held the loyal support of the very best growers for the Chicago market. We have large supplies at all times, in all grades wanted.

Beauties, Fine Tea Roses, Carnations,

IN FACT EVERYTHING SEASONABLE.

Plenty of VIOLETS, home-grown, single and the cream of the large, dark doubles from the Hudson River district.

Chrysanthemums **of all grades up to the best exhibition stock.**
CHOICEST VALLEY, ADIANTUM CROWEANUM and an unlimited supply of ASPARAGUS, SMILAX and SPRENGERI.

A considerable number of buyers have found that with us they can depend on getting the most satisfactory service in wholesale cut flowers, but we would like to impress upon others the fact that we can serve them also, and serve them well.

We cater especially to the shipping trade, finding it to give a steadiness to demand in times of large supply which compensates for the effort necessary to meet requirements in time of scarcity. Our space is large, our facilities adequate to all needs in the line of prompt service and the experience of our employes is a guarantee of careful selection, packing and shipment.

Try Our Service for Thanksgiving

WRITE US YOUR NEEDS. SEND FOR PRICE LIST.

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

32-36 Randolph St., **CHICAGO, ILL.**

Long Distance Phones 1978 and 1977 Central. Automatic 7846.

Lilium Longiflorum JAPAN GROWN

SELECTED STOCK "SPECIAL" LATE DUG BULBS

For five years past we have received direct from our grower in Japan a **Special Stock of Japan Lilium Longiflorum,** which has given, in every instance, more than usual satisfaction. This **"SPECIAL STOCK"** flowers simultaneously, and grows an even height of about 3 feet, with abundant foliage. It can be flowered by Easter, even when planted late in November. The flowers are of good substance, and more prolific than ordinary stocks of Lilium Longiflorum. We have a limited supply of this special stock of Lilium Longiflorum and parties wishing any quantity should order promptly.

LINCOLN, ILL., MARCH 7, 1903.
DEAR SIRS:—Your late delivered Longiflorums (Special Stock) have proved healthier and earlier than any other stock we had. (Signed)
W. H. GULLETT & SONS.
These bulbs were received November, 1902, and flowered before others received September.

LINCOLN, ILL., FEB. 13, 1904.
GENTLEMEN:—Your late delivered "Special Stock" Longiflorums are again surpassing any other stock we got, both in forwardness and healthiness.
(Signed) W. H. GULLETT & SONS
These bulbs were received November, 1903, and flowered in time for Easter, although very early.

WILLIAMSVILLE, N. Y., FEBRUARY 26, 1903.
SIRS:—The Longiflorum Lilies (Special Stock) that you sent me are extra fine, and for health and uniformness excel anything I have seen in this section (Buffalo) this season. (Signed)
C. B. SHISLER.

LATE DUG BULBS A large shipment has just been received in perfect condition, and, if planted now will flower in time for Easter Sunday, April 23, 1905 (very late).

LILIUM LONGIFLORUM

Special Stock

One Whole Box sold at 1000 rates.

			Per 100	1000
5 to 7 in. bulbs,	500 in a box		$2.50	$20.00
6 to 8 " "	400 " "		3.50	30.00
7 to 9 " "	300 " "		5.50	50.00
9 to 10 " "	200 " "		9.00	80.00
10 to 12 " "	150 " "		15.00	125.00

LILIUM LONGIFLORUM GIGANTEUM

(Black Stem)

			Per 100	1000
6 to 8 in. bulbs,	400 in a box		$4.50	$40.00
7 to 9 " "	300 " "		6.25	55.00

Lilium Longiflorum, Ordinary Stock

			Per 100	1000
7 to 9 in. bulbs,	300 in a box		$4.00	$36.00
9 to 10 " "	200 " "		7.00	65.00

Get our offer of Surplus Tulips and other Bulbs for asking.

CLUCAS & BODDINGTON CO., 812-814 Greenwich Street Corner of Jane St. N. Y. City

Importers, Exporters and Growers of SEEDS, BULBS AND PLANTS

TELEPHONE 1063 CHELSEA — PALISADE NURSERIES, SPARKILL, N. Y.

Mention The Review when you write.

MILWAUKEE.

The Market.

Trade has been fairly brisk the past week. Mums are holding sway and making inroads on sales of other stock. Theo. Boettcher is sending in some fine Philadelphia and Pennsylvania. C. Johansen has some large yellow and white Eaton. H. Schwebke is also cutting some fine Golden Wedding and Eaton. Nic Zweifel has a fine crop of Enchantress coming in. This variety seems to have been heavily planted by most of the local growers this season and the quality is exceptionally fine. Red carnations appear to be scarce. Violets are coming in more freely and of improved quality. There are plenty of valley and sweet peas to meet requirements. The supply of roses is about equal to demand, but demand is rather unsteady. Mum plants appear to be selling better than last season.

Various Notes.

The chrysanthemum show at Mitchell park drew a very large crowd the past week. Flowers and plants were all staged in the main conservatory and in such shape as to show off a great array of colors, from a dark red to the purest white. Aug. Gerlach, the gardener in charge, is now keeping the men busy propagating spring stock, as most of the plants used in the park are supplied from these greenhouses.

The Florists' Club had a well attended meeting November 1. Nic Zweifel read a paper on "Carnation Culture" and an interesting discussion followed.

Fred Schmeling has purchased a fine Beagle hound and engaged a blind at Puckaway lake and is awaiting the flight of ducks from the north.

The Florists' Club is awaiting the opening of the new bowling alley and expects to start a series of games for the winter between growers, wholesalers and retailers. Fred Schmeling rolled three games over 200 last week and will bowl with one of the league clubs in Wauwatosa. He will probably join the G. A. R. team.

We expect to have a delegation of about fifteen to the Chicago mum show.

Fred Schmeling will read a paper of Christmas plants at the next regular club meeting. INCOG.

BUFFALO.

Very beautiful weather has mostly prevailed of late and any dullness of business could not be excused on that score. Mums have of course been the flower, both to decorate the shop window as well as to fill an order. We see no abatement of their popularity and only notice that quality is now sought for more than mere size, which a few years ago was the principal attraction. However interesting abnormally large blooms may be at an exhibition for the buying public, the limit in size has been reached. And so it has not only been in the chrysanthemum, but also in the rose and carnation. A tea rose larger than a first-class Bridesmaid would be coarse, and a carnation larger than Enchantress is not wanted. There are many qualities which can be added to the best of our leading flowers besides size.

Roses are improving in quantity and carnations are coming in freely, many not high in quality. Violets are rather plentiful and cheap. A touch of winter will stiffen them up in price.

The first large wedding of the fall occurred last week. Large quantities of mums, pink roses and American Beauties were used. Business all around has been quite fair.

W. J. Palmer & Son are making great alterations and improvements in their lower store (the old stand). William is bound to keep in the very front of the procession.

We are all looking forward to the H. A. Meldrum Co.'s show which begins Wednesday the 9th. Mr. Keitsch, the active manager, reports that the entries received assure its success and those received from many out-of-town growers were the most gratifying part of it. We anticipate seeing a fine display and meeting many old friends. This is indeed a great week and many of the big lights must wish they had the power of the high-class Hindoo fakir and could be in Boston, St. Louis, Chicago and several other places all at the same time. We should like much to see St. Louis and hope for its unqualified success, but health, as well as other reasons, forbids. W. S.

NORTHFIELD, MINN.—C. P. Nichols has completed a new greenhouse on the site of the old one. It has 3,200 feet of glass. The walls are of hollow concrete blocks plastered with cement into practically one solid piece. He says the house seems practically air tight save for the ventilators.

MUM NOVELTIES!

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Emily Mileham, Mrs. A. J. Miller, Albert Chandler,
Mrs. H. A. Allen, Valerie Greenham, and John Fraser

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Carnations—Don't buy until you see our list.

Please note we have decided to drop the word plant in our business head, as we have added cut flowers.

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Vegetable Forcing.

KEEPING INSECTS DOWN.

Tobacco in some shape or form has been for years, and, to a certain extent, is still, the great stand-by for the prevention and destruction of insect pests in the greenhouse. The distribution of tobacco stems throughout the house is one of the best preventives we have, but, as these soon loose strength, they need to be renewed every two or three weeks to be effective. The cleanest and best way to use the stems is to tie them in bunches and suspend them under the benches. For killing aphides, tobacco smoke generated either by the burning of the stems or powder is largely used. The smoke cannot be applied in sufficient strength to finish the fly at once without causing damage to tender plants, such as tomatoes, but must be applied lightly two or three nights in succession to be effective. Tobacco paper, of which there are several good ones, are among the latest forms in which the fumes of tobacco can be applied. This is clean and easy of application and is about as effective a way of using tobacco as we have yet tried.

The newest and most effective insect destroyer is hydrocyanic gas. If this is carefully used, I believe it is the cheapest and best insect destroyer that can be employed. Up to about a year ago I was somewhat sceptical about the handling of this poisonous gas, but experience teaches me that it is just as safe as anything else, so long as it is carefully used. My first experience with it was in a house of tomatoes. I used one quart of sulphuric acid, one quart of water and five ounces of cyanide of potassium to a house containing 2,000 cubic feet. Although no great damage resulted, the tips of the more tender leaves were scorched. The next time I had occasion to use the gas, I used just half the quantity to the same space, and found that it killed the fly just as well, while my plants were unharmed. Since then I have used gas on all classes of plants, allowing one pint sulphuric acid, one pint water and two and one-half ounces of cyanide to 2,000 cubic feet, and find it effective as an insect killer, but harmless to plant life. I have used it on chrysanthemums when the flowers were half open without the slightest damage, while tobacco smoke used strong enough to kill green fly, with the flowers at the same stage, would certainly have hurt the blooms.

The great point in the use of this gas is to have the foliage dry and the temperature of the house not over 60 degrees. On account of its being deadly poison, extreme caution must be used in its application. I place the acid and water together in a stone jar near the door, drop in the cyanide and get out and lock the door as soon as possible. I leave it thus till next morning, the application always being made in the evening, when the house can safely be entered and the ventilators raised. An hour or two of air will dispel all smell of the gas. W. S. Croydon.

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AMERICAN CARNATION SOCIETY.

Department of Registration.

Harvard Crimson is offered for registration by Frederick A. Blake, Rochdale, Mass.; a decidedly novel and pretty shade; it is a very free bloomer, with fine stems and flowers that seldom measure less than three and one-half inches and are good keepers; the plant is strong and healthy. Albert M. Herr, Sec'y.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

The name Vick's Mikado should have been recorded in place of Mikado, as applied to new aster registered October 24, 1904, by James Vick's Sons, Rochester, N. Y. Wm. J. Stewart, Sec'y.

Peter Weiland

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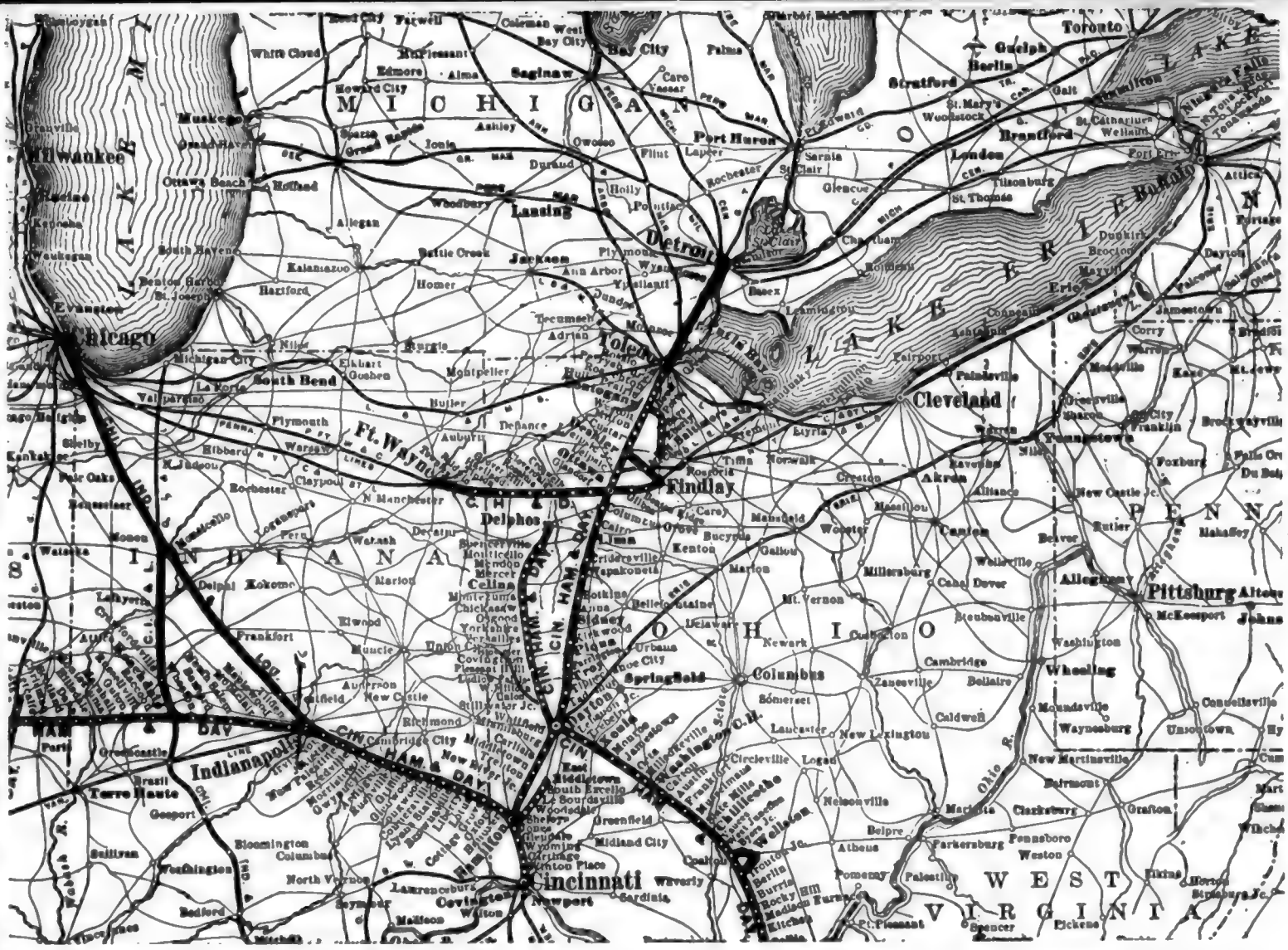
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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

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Entered at the Chicago post-office as mail matter of the second class.

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Wolf & Bro., A. Q...1298
Young, J. W.....1271
Young & Nugent....1276
Young & Co., A. L..1272

5,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $4.00; Estelle, $4.00; Alba, $4.00; Lawson, $4.00; Queen Louise, $3.50; Manley, $3.50; Lord, $3.50; Lorna, $3.50; Glacier, $3.50; America, $3.50; Gomez, $3.50; Marquis, $3.50 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,

Sta. B. PITTSBURG, PA.

Mention The Review when you write.

Early New Rose Cuttings

of the very best wood, following varieties: La Detroit, Gen. McArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Wootton.

We Are Selling Agents for

GIBSON BEAUTY and WHITE SWAN

Carnations. Shall be pleased to have you correspond with us in regard to prices.

FERNS

We are headquarters in the West for these, as well as Plumosus and Sprengeri. All sizes. Write—

GEO. A. KUHL, PEKIN, ILL.

Gibson Beauty

The Beautiful Rose-pink Carnation.
$12.00 per 100; $100.00 per 1000.

WHITE SWAN

Good Commercial White.
$10 00 per 100; $80.00 per 1000.

December, January or February Delivery

SWAN PETERSON FLORAL CO.

GIBSON CITY, ILL.

Mention The Review when you write.

TO CLOSE OUT.

Field-Grown Carnation Plants.

We offer the following at $40.00 per 1000. Guaranteed all first size plants:

6000 LAWSON, 1000 GOV. WOLCOTT,
1000 MORNING GLORY, 1000 WHITE CLOUD.

WILL BE SHIPPED FROM HINSDALE.

Bassett & Washburn, Store: 76-8 Wabash Ave. Greenhouses: HINSDALE, ILL. **Chicago.**

Mention The Review when you write.

Exhibition Mums

Strictly Flower Show Stock, $4.00 per doz.

Large and Fancy, all colors, $2.00 to $3.00 per doz.
Good stock, good size, $1.00 to $1.50 per doz.
Small stock, - - 2.00 to 6.00 per 100

If you can use a quantity it will be to your advantage to let us quote special prices. Quality good throughout.

FOR THANKSGIVING: You can not beat the quality we can furnish you in Roses, Carnations and Mums.

A. L. RANDALL CO.

WHOLESALE FLORISTS

19 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

I COUNT my success due to learning from wiser heads than mine through the FLORISTS' REVIEW.—E. J. NOTT, Charleston, Ill.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—At once, a first-class store man; good designer and decorator. State salary and experience in first letter. E. B. Mergenthaler, E. Washington Lane, Germantown, Philadelphia.

SITUATION WANTED—German; single, sober; age, 32; first-class rose and carnation grower; 18 years experience; good reference; please state wages. Address No. 66, care Florist's Review, Chicago.

SITUATION WANTED—Experienced carnation grower, well up in other cut flowers and pot-plants; life experience this country and abroad; middle age; good steady worker; bert character. Address No. 65, care Florists' Review, Chicago.

WANTED—In Northern Wisconsin, an all-around greenhouse man; experienced, sober and industrious; references required. Address No. 62, care Florists' Review, Chicago.

WANTED—Young man, 25; willing to do all kinds of work; wants a position in a florist store; with a chance to learn designing, with moderate salary. Address No. 63, care Florist's Review, Chicago.

FOR SALE—$25 00 buys glass and patented bars for small greenhouse, 9x30 feet. Geo. Staffinger, Pine Ridge, Buffalo, N. Y.

HELP WANTED—$20.00 to $50 00 per week. See 3½-inch adv. in another column. Address Spaulding Nursery and Orchards Co., Spaulding, Illinois.

WANTED—Position as designer and clerk in floral store by young lady; several years experience; reliable. Address No. 64, care Florist's Review, Chicago.

SITUATION WANTED—As working foreman, by a young Dane, 26; sober, single; first-class grower of cut flowers and pot plants; also experienced in growing vegetables under glass; best of reference. Address E. Jensen, 2223 Oaks Ave., Superior, Wis.

FOR SALE—50 boxes of 16x24 glass, A No. 1, double thick; 100 sashes 6x3 feet; will sell any part of same make an offer; cash please. Louis Derocher, 1133 N. Main St., Brockton, Mass.

WANTED—Situation in up-to-date retail store, by young man 19 years old, with one year's experience; state wages. Address Florist, R. F. D. 2, Cedar Rapids, Iowa.

SITUATION WANTED—By single young man in good retail or commerical place. Several years experience in both branches. Store preferred. Good worker, habits and character. References. 158 Lawrence St., Cleveland, Ohio.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 69, care Florists' Review, Chicago.

SITUATION WANTED—By good florist; 10 years' experience; single; 26 years old; capable of taking care of small commercial place; state wages. Address No. 67, care Florists' Review, Chicago.

WANTED—A good sober steady grower of roses, mums, carnations, etc.; will start at $15.00 a week; a steady place in the west; send copy of references in first letter. Address No. 68, care Florists' Review, Chicago.

WANTED—Experienced man for roses, carnations and mums; modern establishment; stock in first-class condition; applicant must be sober and industrious; state wages in letter; location, middle west. Address No. 70, care Florists' Review, Chicago.

SITUATION WANTED—By an experienced violet and rose grower. Address No. 60, care Florists' Review, Chicago.

SITUATION WANTED—On a private place, by a competent man, thoroughly up in the growing of roses, carnations, mums, palms, etc.; married; best of references. Address Joe Smith, Gardener, Lake Forest, Ill.

SITUATION WANTED—As foreman by a first class rose (Beauties a specialty) and carnation grower; capable of taking full charge of a place and running it in a business-like manner. Address No. 50, care Florists' Review, Chicago.

WANTED—A good reliable man for first-class retail florist store; one who is a good salesman and designer; must be well educated and neat; state salary, age and reference; a good position for the right party. Address No. 57, care Florists' Review, Chicago.

FOR SALE—All or a half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

FOR SALE—Greenhouses, perhaps the best paying thing in the Northwest; 4,000 feet of glass; cash only; write for particulars. Lester Park Greenhouse, Duluth, Minnesota.

FOR SALE—400 electrotypes for a complete seed and plant catalogue; also fruit and shrub cuts. Make me an offer; don't apply unless you want the lot. H. W. Koerner, Station B, R. 6, Milwaukee, Wis.

WANTED—At once, competent carnation grower; single; state wages, with room; give references. South Bend Floral Co., South Bend, Ind.

WANTED—Thoroughly competent and experienced propagator, principally roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address, Lake View Rose Gardens, Jamestown, N. Y.

FOR SALE — Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

WANTED—German, middle age preferred, for retail place. F. Wm. Heckenkamp, Jr., 6th and Adams Streets, Quincy, Ill.

FOR SALE—A very desirable greenhouse property in good condition, planted to about 7,000 roses in good condition, and about 4,000 carnations in fine condition; age and broken down in health cause of selling. If interested write Law Floral Co., Shelbyville, Ind.

SITUATION WANTED—By a first-class storeman, decorator, designer in up-to-date store, or would take charge of retail greenhouse plant; age 28; life experience in all lines; best of references given. Address No. 58, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman; German, single, sober, age 33; first-class grower of cut flowers and pot plants; designer; please state wages; good reference. Address, No. 56, Care Florists' Review, Chicago.

FOR RENT—Four greenhouses and dwelling, 6,000 feet glass, steam heat, well stocked with pot plants and vegetables, good home market, well located, 30 miles from Chicago, easy terms or will sell greenhouses and stock and lease land; only responsible parties need apply. Address, Crete Greenhouses, Crete, Ill.

Situation Wanted

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; married; can furnish good references.

Address **No. 47,** care Florists' Review, Chicago.

Wanted- A good, reliable young man, up to date in floral work of all kinds and must be a good salesman for a first-class retail store. Must be able to take care of small conservatory, etc.; state salary wanted and reference from last place; permanent position for right party. **Address No. 43, care Florists' Review, Chicago.**

FOR SALE.

BOILERS New and second-hand greenhouse boilers, guaranteed. Send for prices stating size wanted.

PUMPS Rider-Ericsson gasoline pumps, new and old.

PIPE New and second-hand wrought and cast iron; all fittings and valves.

TOOLS Stocks and dies, pipe cutter, Stillson wrenches, vises, etc.

GARDEN HOSE New. ¾-in., guaranteed 100-lbs. pressure, 7½ cts. per ft.; ¾-in., not guaranteed, 4½ cts. per ft.

HOTBED SASH New. Cypress, 3-ft.x6ft., from 70 cts. up; glazed, complete, from $1.60 up.

GLASS American and French glass, all sizes and thickness. Carload and import orders solicited.

OLD GREENHOUSES BOUGHT.

Get our prices on **New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.**

Reference—Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

METROPOLITAN MATERIAL CO.

1398-1408 Metropolitan Avenue, BROOKLYN, N. Y.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.



Threshing and Curing Onion Seed at J. M. Kimberlin & Co.'s, Santa Clara, Cal.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

A TOUR AMONG CALIFORNIA SEED GROWERS.

No seedsman who visits Santa Clara will fail to enjoy meeting Charles Parker. He is a grower of the old school. His operations cover a considerable acreage of Santa Clara, as well as "up the river." In company with him, inspecting crops was a profitable experience at both places, especially so at Santa Clara, where he had onion bulbs growing that were to be set out for the next year's seed crop. The onions were being grown from seed furnished by him and the product of the seed was to be delivered to him at a stated time. They were being grown under contract, the contract giving him the power to discard any that were not of the right type at harvest time, as well as to supervise the caring for them during growth. Land especially adapted to the growth of onions is selected and as a rule a good crop of bulbs is the result. This same method is pursued by the rest of the growers to a greater or less extent. Mr. Parker's plantings, however, being the only onions that we had the advantage of inspecting in an intelligent way for type on this particular trip, it is due him that a note be made of it. As a grower of lettuce, radish, spinach, beet and sweet peas Mr. Parker is known to be reliable and his experience covers a good number of years at Santa Clara. It may seem superfluous to state, and it does not belong here any more than in any other part of this article, but it is a fact, which applies to California, or anywhere else where seed is grown, that the greatest care in selecting the bulb or the plant, and the largest knowledge in the proper methods of planting, growing or harvesting, may be set at naught by loose methods in tagging the lots before and after the threshing, and in making a bulk of two or more lots of the same variety.

F. A. Wilcox is another Santa Clara grower who had some good fields to show, onion, lettuce, radish, etc. He also operates "up the river" in the vicinity of the fields of Chas. Parker. The interests of the two seem to be more or less combined, although each works independently.

In this connection the Braslan Seed Growers' Co., which has a large interest in seed growing at Santa Clara and vicinity, as well as elsewhere, should be mentioned. The head of this company is well known to the seed trade, both in this country and abroad. Chas. P. Braslan has probably had as varied an experience in all lines of the seed business, for his years, as any man in it. With headquarters, as before mentioned, at San Jose, the Braslan Seed Growers' Co., operating in conjunction with experienced growers at Santa Clara, or wherever mutual interests will warrant, has quite an extensive acreage to draw from to supply the seed needed by its customers. It is a well conducted organization, up to date in its business methods with a resourceful, keen and hustling manager. Some up-hill work has been done by this company of growers, and its advancement has had the usual bumps; nevertheless it reports progress from time to time and seems well able to take care of the interests of its customers and itself.

Not far from Santa Clara is Agnew Station, where the Agnew interests are located. Sugar beet seed took up a part of the home ranch, with onion, lettuce, etc. "Up the river," this firm also had plantings that were well looked after and gave promise of good returns.

At Mountain View where was formerly a Miss Gallimore, who had quite a seed ranch, but her place was not found on this trip. It was explained that fruit growing had taken the place of seed growing in that immediate vicinity.

Next week we will pursue our journey north, stopping first at Palo Alto.

THERE is a lull at present in the onion set market.

THE present fine weather suits the sweet corn growers.

LEONARD SEED CO., Chicago, will introduce a new potato the coming spring.

FROM all reports sweet corn and cucumber seed will be normal crops this year.

MOST of the California deliveries on the contract basis are being shipped in full.

WHILE there are plenty of Harrisii, longiflorums give every evidence of being good property.

BEANS thus far received at the cleaning warehouses are of good quality and the color of sample bright.

THERE seems to be no great scarcity of anything in what is termed small garden seeds except American-grown egg plant.

THERE has been a good deal of rivalry among seed sellers in the onion marsh districts lately. All seem to be anxious to sell onion seed for present or future delivery.

W. W. JOHNSON & SON, Boston, England, have five novelties for next season, a bedding nasturtium called Daylight, a poppy, a sweet pea, the Pearl potato and a round early pea called Diamond.

WE learn that the Royal Dutch Bulb-Growers' Society, at Haarlem, Holland, intends to hold its quinquennial exhibition of bulbous flowers from March 17 to 21, 1905. The schedule which has been published shows that a large number of prizes are being offered. It is the intention to make this show the most interesting ever held. Interested parties can have further particulars on application to the secretary of the society, Jos. de Brent, at Haarlem, Holland.

LEBANON, N. H.—The Haskell Floral Co. has just put up a greenhouse 30x130 and will at once install a new sixty horse-power boiler beside the others.

SUZUKI & IIDA

Chinese Sacred Lilies
Japan-Grown Callas

ON HAND NOW. PRICES ON APPLICATION.

31 BARCLAY STREET,
NEW YORK.

PHILADELPHIA.

D. L. Sloan, of D. L. Sloan & Son, Palo Alto, Cal., was a caller this week.

The 1904 crop bean deliveries are very disappointing. We are promised from 20 to 30 per cent on Wardwell's; on Davis Wax, from 25 to 35 per cent; Red Valentines, 60 per cent. This is a New York grower's estimate. Quite a few bean contracts were placed with New Jersey farmers this season and they are equally disappointing.

Plenty of sugar corn is being offered by the farmers. They report no outlet for it for seed, and many are converting their sugar corn seed into pork. How different from a year ago!

The crop of egg plant seed is below medium.

It is reported that one of the leading catalogue houses will commence mailing catalogues December 1.

Henry A. Dreer is erecting a large seed warehouse at 710 Locust street to accommodate their large increasing trade.

MAILING CATALOGUES.

Charles N. Page, Des Moines, Ia., president of the American Seed Trade Association, has sent out a circular with regard to the mailing of catalogues in bulk without stamps affixed. This has to do with additional regulations of the Department, from which, as Mr. Page points out,

> It will be seen that the wrapper may have any advertising matter printed on which is desired so that the type conforms with the regulations. While Section 6 states that the mailer must tie the separately addressed packages in bundles of 50, 100, 200, 500 or 1,000 pieces, our postmaster here says that a mail bag may be considered a bundle and it is not necessary that each bag contain the same number of pieces, but the sender may put any number that he desires in each bag provided the bag is tagged with statement of the actual number contained in it. Thus it will be convenient to put catalogues or circulars going to each state in separate mail sacks and thus expedite the handling at the post-office.
>
> Before acting on this statement, however, it would be well to inquire if your postmaster takes a like view of the ruling. This new law will be of advantage in the mailing of circulars weekly price cards and samples of seed as well as in sending out catalogues. It will save the expense and time involved in affixing and canceling postage stamps and insure mail being forwarded more expeditiously.
>
> It is to be hoped that during the coming session of Congress the law originally asked for will be passed permitting the sending of all such matter at the bulk rate of eight cents per pound.

CHRYSANTHEMUM SOCIETY

Work of Committees.

White seedling No. 1, exhibited by the E. G. Hill Co. before the Chicago committee, October 29; color white, scored commercial scale 85 points.

Souv. Victoria Calvat, exhibited by the E. G. Hill Co. at Chicago, October 29; color light pink, scored commercial scale 79 points; exhibition scale 74 points.

Bride, exhibited by the Lake View Rose Gardens, Jamestown, N. Y., before the Cincinnati committee, November 5; color white, a sport from John K. Shaw, scored commercial scale 85 points.

Okolona, exhibited by Nathan Smith & Son, Adrian, Mich., before the Cincinnati committee, November 5; color pink, reflexed Japanese, scored commercial scale 86 points. Remarks: Stem stiff enough, but shown rather short.

FRED H. LEMON, Sec'y

PADUCAH, KY.—Robert E. Rudolph has built a range of new greenhouses at Thirteenth and Palm streets and gave a chrysanthemum show there November 3 to 5. He is starting in business with good prospects.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

SEED GROWERS
OF
Sweet, Field and Pop Corn, Cucumber, Melon and Squash Seed
We have a Surplus to offer. Be kind enough to ask for SAMPLES and PRICES before Placing Orders.
A. A. BERRY SEED CO., : : : CLARINDA, IOWA

Mention The Review when you write.

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO

Mention The Review when you write.

Burpee's Seeds Grow

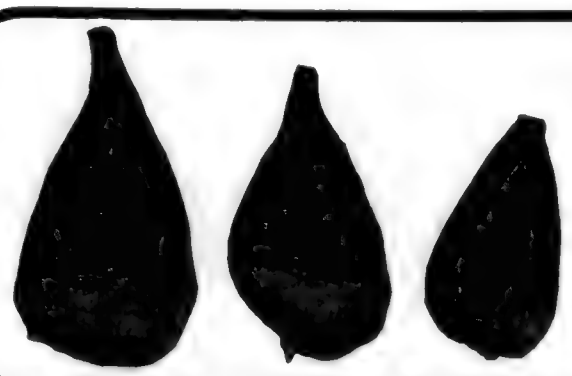
LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.

Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.



Freesia Bulbs!

	100	1000		100	1000
First Size, ⅝-in. and up.	$0.75	$6.50	Mammoth	$1.00	$8.00
Extra " ¾-in. and up.	.85	7.00	Sample of 40 Bulbs, each size, sent for $1.00		

STUMPP & WALTER CO. ...50... BARCLAY ST. NEW YORK

BRANCH STORE 404 EAST 34th STREET

Mention The Review when you write.

Thorburn's Bulbs

JAPAN
Lilium Longiflorum
NOW ON HAND.

— ALSO —

LILIUM HARRISII and ALL DUTCH BULBS.

JUST ARRIVED—FRESH SEEDS.
Areca Lutescens....at $3.00 per 1000

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

500 Lilium Harrisii.

Japan grown, 9x11, $14.00 per 100. The True Harrisii of fine strain. Try a sample hundred: you will like them.

1500 Selected Callas.

$5.50 per 100: $50.00 per 1000. Nice round bulbs, suitable for a 6-inch pot. Very choice.

8000 French Freesias.

Mammoth size. Pure white. In fine condition. $5.00 a 1000; formerly $8.00 per 1000. A veritable bargain.

Henry F. Michell Co. 1018 Market St. Philadelphia

Mention The Review when you write.

CLEARING SALE

NEED ROOM.
PRICES HOLD GOOD WHILE STOCK IS UNSOLD.

	Per 1000
Roman Hyacinths, 12x15	$24.00
Dutch Hyacinths, mammoth, to name	65.00
Dutch Hyacinths, No. 2, to name	35.00
Narcissus Von Sion, double nose, The Champion	18.00
Narcissus Von Sion, single, mammoth	15.00
Freesia Refracta Alba, mammoth	7.50

Prices on all other bulbs — Tulips, Azaleas, Rhododendrons, Roses, Spiraeas, etc., given by writing to

F. W. O. SCHMITZ,
Prince Bay, N. Y.

Selected Named **Dutch Hyacinths** Exceptional Quality

$3.60 per 100; $34.00 per 1000.

Almost as large as the First Size Bulbs at one-half their value.

NOTE—As this is an unsually low offer, Bulbs will be sold only in equal proportion of colors.

RED AND PINK	RED AND PINK	WHITE AND BLUSH	BLUE
Chas. Dickens	Norma	Mme. van der Hoop	Czar Peter
Gertrude	WHITE AND BLUSH	Maid of Orleans	Grand Maitre
Giganteum	Alba Superbissima	Grand Vedette	Grand Lilas
Roi des Belges	Grandeur A'Merveille	BLUE	Queen of the Blues
Robert Steiger	La Grandesse	Baron van Thuyll	King of the Blues
Baron van Thuyll	L'Innocence	Chas. Dickens	

See our BULB OFFER in Oct. 27 Issue, page 1130.

JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Manetti Stocks

Selected grafting size, 3 to 5 inches in diameter. Special price for early orders; per 1000, $7.50; 5000 for $35.00. DELIVERY EARLY IN JANUARY.

JACKSON & PERKINS CO.
NEWARK, NEW YORK

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of FREESIA BULBS in the U. S.

SPECIALTIES—Freesias, Grand Duchesse Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

Surplus Bulbs

AT LOW PRICES TO CLOSE OUT.

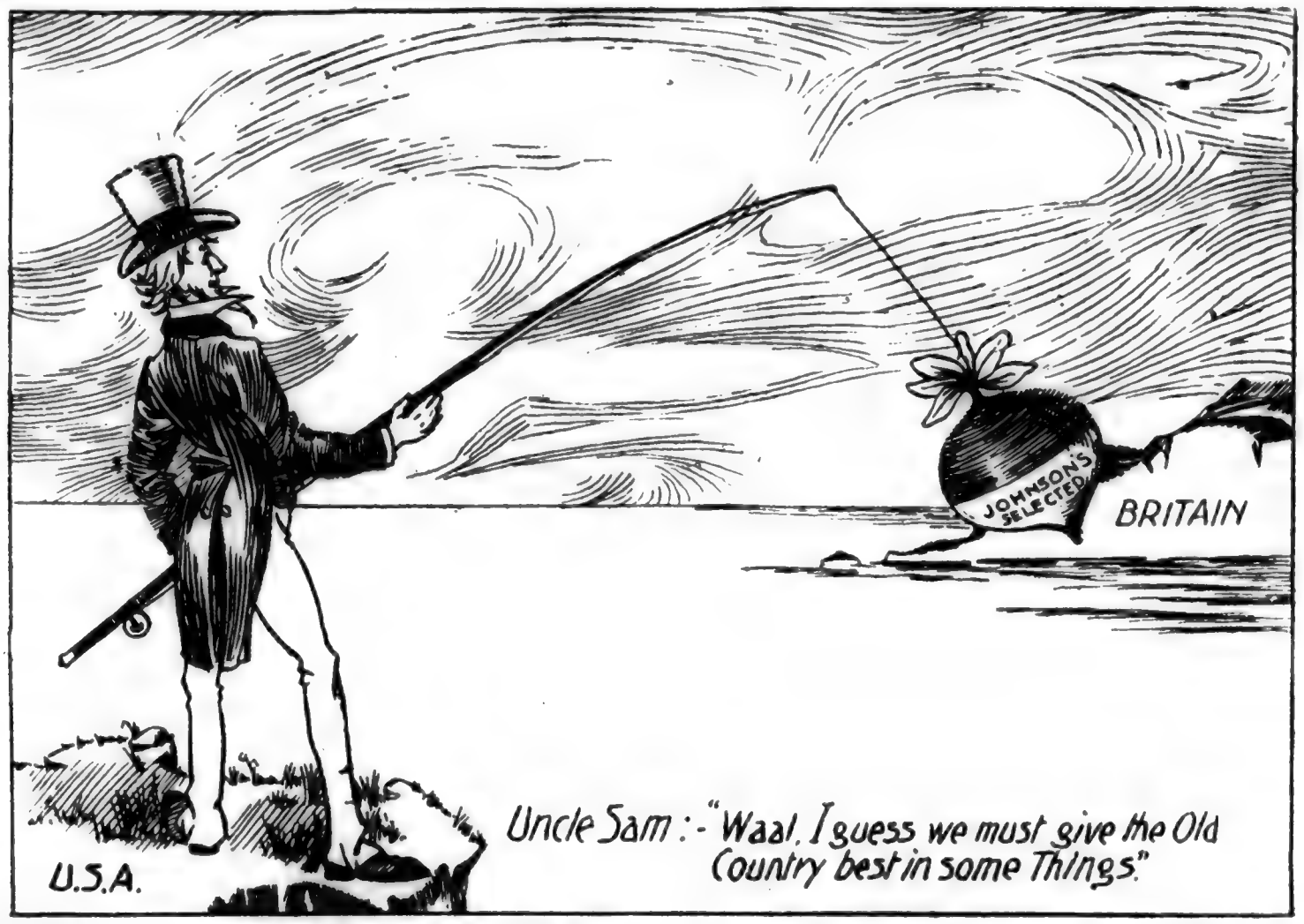
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Finest PIPS from cold storage, $1.75 per 100; $15.00 per 1000; $35.00 case of 2500.

FANCY CUT VALLEY, there is none better.

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25,000 FREESIA Refracta Alba, 3/8-inch diameter.....per 1000, $2.00
25,000 FREESIA " " 1/8-inch " .....per 1000, 4.00
BAMBOO PLANT STAKES—Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc. 5 feet and over, 1/4 to 3/8 in., per 500, $2.75; per 1000, $5.00; per 2000, $9.00.
6 feet, 1/4 to 3/8 in..... " 3.25; " 6.00; " 11.00.
FOSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50; 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.

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We offer you a collection of **novel and standard supplies** that is a little better than we have ever offered before—**a collection without a rival anywhere.**

Here are some of Our Specialties: **Immortelle Bells,** all sizes. **Crepe Paper Bells,** all sizes.

RUSCUS WREATH—like SMILAX. **MAGNOLIA WREATHS**—Green or Brown.
IMPORTED HOLLY WREATHS. **IMPORTED BEECH WREATHS**—with or without flowers.
LARGE CHINA SWANS. **VERY HANDSOME SILVER VASES.**

These are a few of our many attractive supplies. We want you to own some of them now; they will create business when displayed in your shop. **COME AND SEE OUR GREAT DISPLAY**

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The Largest Florists' Supply House in America.
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VALLEY, BRIDE AND BRIDESMAID ROSES, SMILAX, ASPARAGUS, Etc. : : CHRYSANTHEMUMS.

CARNATIONS MY SPECIALTY

WILLIAM J. BAKER, WHOLESALE FLORIST 1432 South Penn Square, **PHILADELPHIA**

Boston Ferns.

	Per 100
From bench, ready for 4 and 5-inch pots...	$10 00
5-inch.....	15.00
2¼-inch.....	4.00
Nephrolepis Cordata Compacta, 3-inch....	5.00
Asparagus Plumosus, 2-inch	3.00
" " 3-inch	5.00
" Sprengeri, 2-inch	2.00
Christmas Peppers, 3-inch, in fruit.....	5 00
Rubbers, 20 to 24-inches high .....per doz.	4.00

Write for list of stock Mum plants.

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10,000 3-inch

Asparagus Plumosus

$3.00 PER 100. CASH.

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FIVE POUNDS IN 300 FEET.

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Send us quick, 10 100-pound bags of Fumigating Kind Tobacco Powder. We tried the five-pound trial package in a 300-foot house and with good results. See page 1278. L. C. MIDGLEY, Secretary, Worcester Conservatories.

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Hinsdale, Mass.

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Christmas Trees

AND

Baled Spruce

FOR CEMETARY USE.

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THANKSGIVING

CARNATIONS PROSPERITY and all the best ENCHANTRESS varieties.

CHRYSANTHEMUMS CHOICE YELLOW WHITE and PINK | **VIOLETS** FINE DOUBLE and SINGLE

WRITE, PHONE or WIRE TO.....

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1516-1518 Sansom St., R. C. HAYDEN, Sec.-Tres. WM. J. MUTH, Mgr. PHILADELPHIA, PA.

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Send your orders at THANKSGIVING AND AT ALL OTHER TIMES TO **BERGER BROS.**

FOR ALL KINDS OF SEASONABLE CUT FLOWERS.

WHOLESALE FLORISTS, 1220 Filbert St., PHILADELPHIA.

CALL ON **EUGENE BERNHEIMER** FOR PROMPT DELIVERY ON

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11 South 16th Street, PHILADELPHIA.

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Indianapolis Floral Co.

839 Ft. Wayne Avenue, INDIANAPOLIS, IND.

WHOLESALE

Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED -- BULBS.

We want to buy in lots of 1000 to 10 000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

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Grand Stock Plants

Of the Best To-date.

1000 Wm. Duckham, 1000 Dr. Enguehard, $1 50 per doz.; $10 00 per 100. Miss M. Ware F. A. Cobbold, Ben Wells $2.00 per doz. Mrs T. W. Pocket, M. Richardson, Mrs Thirkell, Mrs. Coombes, Miss A. Byron, C. J. Salter, Wm R. Church, Convention Hall, $1.20 per doz. Sov. de Calvat pere. 20 cents each

This stock has produced magnificent blooms and will be shipped C. O. D. with the privilege of examination.

GUSTAV D. LOTZE, Glen Burnie, Md.

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Chrysanthemum Stock Plants

Opal and Polly Rose..... 5c each

Monrovia, Alice Byron, C. J Salter ....10c each $1.00 per dozen.

Cheltoni, Wm. Duckham, Dr. Enguehard, 15c each $1 50 per dozen.

Larchmont Nurseries, Larchmont, N. Y.

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Wholesale Cut Flower Prices.

Philadelphia, Nov. 9.

	Per doz.
Beauties, Specials	$3.00
" Extra	$2.00 to 2.50
" Medium	1.50
" Short	.75 to 1.00
Queen of Edgely, Extra	2.00
" " Medium	1.50
" " Short	.75 to 1.00
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" " Ordinary	2.00 to 3.00
Liberty, Specials	5.00 to 8.00
" Ordinary	2.00 to 3.00
Kaiserin, Special	5.00 to 8.00
" Ordinary	2.00 to 4.00
Golden Gate, Special	5.00 to 8.00
" Ordinary	2.00 to 3.00
Meteors	2.00 to 6.00
Ideal	2.00 to 5.00
Perle	2.00 to 4.00
Sunrise	3.00 to 5.00
Carnations, Fancy	2.50 to 3.00
" Select	1.50 to 2.00
" Ordinary	.50 to 1.00
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" " Sprays	25.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Orchids, Cattleyas	40.00
" Dendrobium Formosum	40.00
" Oncidium	3.00 to 5.00
" Cypripedium	15.00
Bouvardias	2.00 to 5.00
Callas	10.00
Daisies, Yellow	.75 to 1.00
" White	.75 to 1.00
Gardenias	25.00 to 30.00
Mignonette	2.00 to 4.00
Pansies	.75 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Single	.25 to .35
" Double	.50 to .75
Chrysanthemums, Fancy, per doz.	3.00 to 4.00
" Select, "	1.50 to 2.00
" Ordin., per 100	4.00 to 8.00
Easter Lilies, per doz.	1.50
Paper Whites	3.00 to 4.00

STRONG, FIELD-GROWN MUMS!

STOCK PLANTS.

Estelle, Glory of Pacific Robinson, Bassett, Kalb, 10 cents each; $1.00 per doz.; $7.00 per 100.

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GOOD GOODS. LOW PRICES.

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GROWER ....OF **Palms, Etc.**

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Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.

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Send for full list of stock plants. No order filled for less than $2.00.

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Reasonable Prices. Square Dealing.
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SHIPPING ON COMMISSION.
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
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MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.

Special arrangements this season for the extensive handling of American Beauties

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AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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New York, Nov. 9.

		Per 100
Beauties,	Specials	$15.00 to $25.00
"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	4.00 to 6.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 1.50
" "	No. 2	.25 to .50
Golden Gate		1.00 to 5.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		25.00 to 50.00
Carnations,	Common	.25 to .50
"	Selects	.75 to 1.00
"	Fancies	1.00 to 1.50
"	Novelties	2.00 to 4.00
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri	per bunch.	6.00 to 10.00
Lilies		5.00 to 8.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 10.00
Violets		.25 to .50
"	Specials	.75 to 1.00
Chrysanthemums,	Fancy	5.00 to 20.00
Chrysanthemums,	Common	1.00 to 5.00
Tuberoses		1.00 to 2.00

A. L. YOUNG & CO.,
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Tel. 854 Madison Sq.,
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Best quality at **lowest rates.** We gather our own **Greens** and bring by our own boat direct.

Also **Christmas Trees.**

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Galax, Leucothoe, etc.

Galax—Bronze or Green.....$1.00 per 1000
Leucothoe Sprays..... 1.00 per 100
Southern Smilax, large case.....$6.00

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☞ **NEW CROP** Southern Wild Smilax now ready in limited quantities.

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Brilliant Bronze or Green, selected stock, full count, $1.00 per 1000; $3.75 per 5,000.

Sphagnum Moss, clean picked stock, large bale, $1.75 each; by freight, $2.00 each. All kinds of Decorative Greens and Florists' Supplies.

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500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

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	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Short Stems	2.00 to 4.00
Brides, Specials	4.00 to 6.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	4.00 to 6.00
" Seconds	1.00 to 2.00
Carnots	3.00 to 6.00
Liberty	1.00 to 5.00
Kaiserin	2.00 to 6.00
Bon Silene	2.00 to 3.00
Safrano	2.00 to 3.00
Cattleyas	30.00 to 35.00
Carnations, Specials	2.50 to 4.00
" Select	1.00 to 2.00
" Ordinary	.75 to 1.00
Chrysanthemums	3.00 to 20.00
Violets	.50 to .75
Lily of the Valley	2.00 to 4.00
Mignonette	2.00 to 3.00
Bouvardia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 10.00
Adiantum	.75 to 1.00
Paper White Narcissus	3.00

Buffalo, Nov. 9.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 3.00
Brides and Maids, Extra	6.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 7.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	1.00 to 4.00
Chrysanthemums	4.00 to 20.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.40 to .75

CHESTER, PA.—David Wilson says that in the fifteen years he has been in business he has never seen the fall business so good as this year.

MINNEAPOLIS, MINN.—George S. Murtfeldt, who has been in the business ten years, with leading firms, has opened a new flower store at 826 Nicollet avenue.

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EDWARD McK. WHITING, Vice-Pres. and Counsel.
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WILD SMILAX

ALWAYS ON HAND.

25-pound case.....$3.00
50-pound case..... 5.00

NONE BETTER

E. F. WINTERSON CO.
45-47-49 WABASH AVE.
CHICAGO

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EVERGREENS

GALAX, Bronze or Green $1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, .75 "

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Between 28th and 29th Streets.

Telephone 4009 R Madison Square.

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Wholesale and Retail Dealers in all kinds of

EVERGREENS

FANCY and DAGGER FERNS,

GALAX — Brown and Green.

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LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

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A'ways mention the Florists' Review when writing advertisers.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.

VAUGHAN & SPERRY
Wholesale Florists,
58-60 Wabash Ave., CHICAGO.
Write for special prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Nov 9.

	Per doz.
Beauties, Long stems	$3.00 to $4.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts	per 100, $4.00 to $5.00
	Per 100
Bridesmaids, Specials	$4.00 to $6 00
" Firsts	3.00
Brides, Specials	4.00 to 6.00
" Firsts	3.00
Liberty, Specials	5.00 to 6.00
" Firsts	3.00 to 4.00
Golden Gate, Firsts	4.00 to 5 00
" Seconds	3.00
Kaiserin, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	3.00
Ivory, Firsts	4.00 to 5.00
" Seconds	3.00
Perles, Firsts	4.00 to 5.00
" Seconds	3.00
Chatenay	3.00 to 6.00
Carnations, Select	1.00 to 1.50
" Fancy	2.00 to 3.00
Chrysanthemums, good...per doz.	1.25 to 1.50
" fancy... "	2.00 to 4.00
Violets	.20 to 1.00
Callas	10.00 to 12.50
Paper Whites	3.00
Shasta Daisies	.50 to 1.00
Asparagus, Strings	35.00 to 50.00
" Sprays....per bunch,	.25 to .35
Sprengeri. "	.25 to .35
Ferns....per 1,000, $1.25	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax....per doz.	1.50 to 2.00

Cleveland, Nov. 9.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	8.00 to 10.00
" Shorts	5.00
Bride and Bridesmaid	2.00 to 5.00
Kaiserin	2.00 to 8.00
Meteors	3.00 to 5.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Chrysanthemums	8.00 to 20.00
Violets	.50 to 1.00
Smilax	12.50 to 15.00
Ferns, per 1000	1.50

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

A Daily Cut from 40 Growers.
We can and will fill your Cut Flower wants to advantage.
Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.
Shipping orders our Specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Most complete line of
FLORISTS' SUPPLIES
IN THE WEST
—— CATALOGUE FREE ——
E. F. WINTERSON CO.
Established 1894.
45-47-49 Wabash Ave, CHICAGO.
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J. A. BUDLONG
37-39 Randolph Street CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
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Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
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GEORGE REINBERG,
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
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WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO
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Poehlmann Bros.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.
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THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

The Philadelphia Wholesale Flower Market.

Do You Know That We Have a Large Stock of **CHOICE BEAUTIES**

Larger than can be found elsewhere in the city. We should like to have your **TRIAL ORDER** for our **BEAUTIES** or for our **SINGLE VIOLETS**, which are now exceedingly fine.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, Nov. 9.

	Per 100
Beauties, Specials	$25.00
" Extra	$15.00 to 18.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Bride and Bridesmaid, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 8.00
Chatenay	4.00 to 6.00
Meteor	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
Adiantum Croweanum	1.00
Asparagus Plumosus, strings	50.00
" sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	10.00 to 12.00
Chrysanthemums	4.00 to 10.00
" fancy	15.00 to 20.00
Daisies	.40
Lily of the Valley	2.00 to 3.00
Smilax	10.00 to 12.50
Sweet Peas	1.00
Violets	.50 to .75

Cincinnati, Nov. 9.

	Per 100
Beauties, Extra	$15.00 to $25.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 6.00
Liberty	2.00 to 6.00
Meteor	2.00 to 4.00
Perle and Sunrise	2.00 to 3.00
Carnations, Common	1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	8.00 to 12.50
Smilax	10.00 to 18.00
Lily of the Valley	3.00 to 4.00
Chrysanthemums	4.00 to 35.00
Violets	.35 to .75
Narcissi	3.00 to 4.00

JOSEPH HEACOCK

WYNCOTE, PA.

Grower of

Kentia Belmoreana and Kentia Forsteriana

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J. L. DILLON

Wholesale Florist

Bloomsburg, Pa.

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WM. MURPHY

Wholesale Commission Dealer in

Cut Flowers and Florists' Supplies

ROSES, CARNATIONS, MUMS AND VIOLETS ARE NOW ARRIVING.

Special Attention to Shipping Orders.

If you are in the market to buy or sell write or wire

128 E. Third St., CINCINNATI, OHIO.

Telephone M 980. Night Messages W 1191 R.

WIRE WORK of all Kinds for Florists.

C. E. Critchell,

Wholesale Commission Florist,

36 EAST THIRD STREET, CINCINNATI, OHIO.

All orders promptly filled in best possible manner. Consignments Solicited.

Prompt and liberal returns on all consignments.

The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

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Wholesale Cut Flower Prices.

St. Louis, Nov. 9

	Per doz.
Beauties, Specials	$3.00 to $5.00
" Extra	1.50 to 2.50
" No. 1	.75 to 1.00
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 8.00
Liberty	4.00 to 6.00
Meteor	4.00 to 6.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Asters	.75 to 2.00
Chrysanthemums, Select	20.00 to 25.00
" Fair	8.00 to 15.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.25 to .50

Pittsburg, Nov. 9.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	4.00 to 5.00
Brides and Maids	2.00 to 6.00
Cusin	2.00 to 4.00
Kaiserin	2.00 to 8.00
Liberty	3.00 to 6.00
Mme. Chatenay	2.00 to 6.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Chrysanthemums	4.00 to 25.00
Lily of the Valley	2.00 to 4.00
Violets	.50 to 1.00
Smilax	12.50 to 15.00
Lilies	10.00 to 15.00
Paper White Narcissi	3.00 to 4.00

CHRYSANTHEMUM

STOCK PLANTS

White Fitzwygram, Opah, Willowbrook, Polly Rose, Lady Harriett, Glory of Pacific Monrovia, Omega M. Lamond, Robinson, Halliday, Mrs. Jerome Jones, Yellow Jones, Marie Liger, Mrs. Weeks Col. Appleton, Maj. Bonnaffon, R. H. Pearson, Mlle. Douillet, Timothy Eaton, Ivory, Dalskov, Yellow Eaton Viviand-Morel Mrs. Perrin, Fee du Champsaur, Golden Wedding, $1.00 per dozen.

White Bonnaffon, White Maud Dean, Ida Barwood, C. H. Diederichs, Louis Leroux, Marian Newell, Globosa Alba, Lord Hopetoun, Ethelyn, Baden Powell, Percy Plumridge, Harry Plumridge, Mrs. Chamberlain Silver Queen Tancred Bastet, Lily Mountford, Wm. Duckham, Leila Filkins C. J. Salter Mrs Coombes, Nellie Pockett Mrs T. W Pockett Mrs. Geo. Wilkins, Cinna, Mrs Thirkell, Cecil Cutts, A. J. Balfour, Ben Wells, Mlle. Richardson. Prices on application.

Ferns Piersoni, 2½-in., $8.00 per 100; Boston Ferns, 2½-in., $5.00 per 100; 3-in, $8.00 per 100; 4-in., $15.00; 5-in., $25.00; 6-in., $50.00 per 100; 7-in., $1.00 each; 8-in., $1.25 each. Ready to be shifted. CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, **ST. LOUIS, MO.**

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

LONG DISTANCE TELEPHONE MAIN 2018 M.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

7 E. 33d St. Near Waldorf-Astoria New York City

Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

ORDERS FOR....

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WILL BE FILLED BY

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227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

Always Mention the....

Florists' Review

When Writing Advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

The Weekly FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

RIBBONS!

"Others make good ribbons but we make THE BEST."

Buy from the manufacturer, and get what you want in COLORS, QUALITY, and at RIGHT PRICES.

The Pine Tree Brand Ribbons come direct from our looms to you. We cut out the middle profits. We make all widths and the special colors for florists' uses.

CONQUEROR—Taffeta—**CYCLONE.**
MONARCH—Satin Taffeta—**CLIMAX.**

Write for samples.

The Pine Tree Silk Mills Company
Philadelphia

OFFICE AND SALESROOM:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

Fancy or Dagger Ferns



85c per 1000 Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, $5 50 per case, large size. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

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HARDY CUT FERNS.



DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality. $1 00 per 1000 Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4 00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—al sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs Cycas Leaves etc. Our stock is of the best quality and at the most reasonable rates Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Mention The Review when you write.

Latania Palm Plants

6-in., 2 and 3 plants to pot	$ 9 00 per doz.
7-in., 1 plant to pot 7 to 9 leaves	12.00 per doz.
8-in., 1 plant to pot 7 to 10 leaves, 2½ to 3½ feet in height and diameter	18.00 per doz.

ARECAS

4-in., 2 and 3 plants to pot, standing 2 ft.,	$4.00 doz.
6-in., 2 and 3 plants to pot, standing 3 ft.,	9 00 doz.

J. W. COLFLESH,
53rd St. and Woodland Ave., PHILADELPHIA.

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A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.

Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.

WRITE FOR NEW CATALOGUE.

We have 500

Hydrangea Hortensis Japonica.

Very strong field-grown plants. Will take 7 and 8-inch pots, at $15.00 per 100.

Schluraff Floral Co.,

2406 Poplar St., ERIE, PA.

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L. BAUMANN & CO.

IMPORTERS AND MANUFACTURERS OF
Florists' Supplies

76-78 Wabash Ave., CHICAGO.

Write for our new catalogue F, our prices may interest you.

BLOOMINGTON, ILL.

An event of more than passing interest was the opening, with a chrysanthemum show, November 3, of the new flower store erected by A. Washburn & Sons the past summer. Eighteen years ago Andrew Washburn leased the south window in T. J. Willever's crockery store which occupied the same lot that A. Washburn & Sons' new building now occupies. After a few months this building was sold and Mr. Washburn leased the east window in J. B. Dunham's notion store. The business was afterward moved to the old Windsor hotel building and about a year later, Mr. Washburn realizing that he did not have a greenhouse establishment large enough to back up a store, gave up the store end of the business and spent the next few years in building up the greenhouse plant. Ten years ago a store was opened in the place just vacated by them on North Main street. The business has grown rapidly since that time and it is rather an unusual coincidence that after so many years they would return and occupy the whole building where they started in such a modest way.

FORT DODGE, IA.—P. L. Larson gave a chrysanthemum show November 4 and presented each visitor with a flower.

ROCKFORD, ILL.—H. W. Buckbee issued invitations to the public to visit his greenhouses November 3 to inspect his chrysanthemums prior to the shipment of the exhibition stock for the St. Louis show.

Adiantum Cuneatum,

From 2-inch pots, fine, healthy plants, ready for a shift.

$3.00 per hundred,
$25.00 per thousand.

Just ready to plant out for cutting this winter.

The Geo. Wittbold Co.

1657-1659
Buckingham Place,
CHICAGO.

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SO CLEAN!!

Atlanta, Ga.

Your Tobacco Powder for fumigating is better in every way than stems; very much cleaner, less trouble and does much better work. See page 1278.

GEO. HINMAN.

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REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of
FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, large, full leaved, 2½-in., 5c each. Cash.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Abutilons, 2½-in., fine sorts, $2.00 100.
Springfield Floral Co., Springfield, O.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong 2-in. pot plants, postpaid, $2.00; 100 strong 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum cuneatum, 2-in. pots, ready for a shift, $3.00 100; $25.00 1000.
Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Adiantum cuneatum (maidenhair fern), 4-in., bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Adiantum cuneatum, ready for 5-inch pots, $12.00 100.
Wm. A. Bock; No. Cambridge, Mass.

AGERATUMS.

Ageratums, 3 sorts, $2.00 per 100.
Springfield Floral Co., Springfield, O.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow; August rooted cuttings, $5 00 per 1000; by mail, 65c per 100. Ludvig Mosbaek, Onarga, Ill.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

AMPELOPSIS.

Ampelopsis Veitchii, 2-yr., 10c; 2d size, 6c.
W. H. Salter, Rochester, N. Y.

ANTIGONON.

10,000 antigonon, 75c per 100. Cash.
B De Winkeler, Arch Creek, Fla.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c; 5½-in., 13 to 15 in. high, 3 to 4 tiers, 60c; 5½ to 6-in., 17 to 19 in. high, 3 to 4 to 5 tiers, 75c; 6-in., 20 to 22 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each. G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
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H. Weber & Sons, Oakland, Md.

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Opah	5.00	Duckham	$12 to 17.00

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Strong plants. Satisfaction guaranteed.
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2 to 2½ feet.....$18.00 per 1000
3 to 4 feet..... 24.00 per 1000
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Maman Cochet $6.00 100; $50.00 1000
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Sweet, field and pop corn, cucumber, melon and squash seed. We have a surplus to offer. Send for samples and get our price before placing orders.
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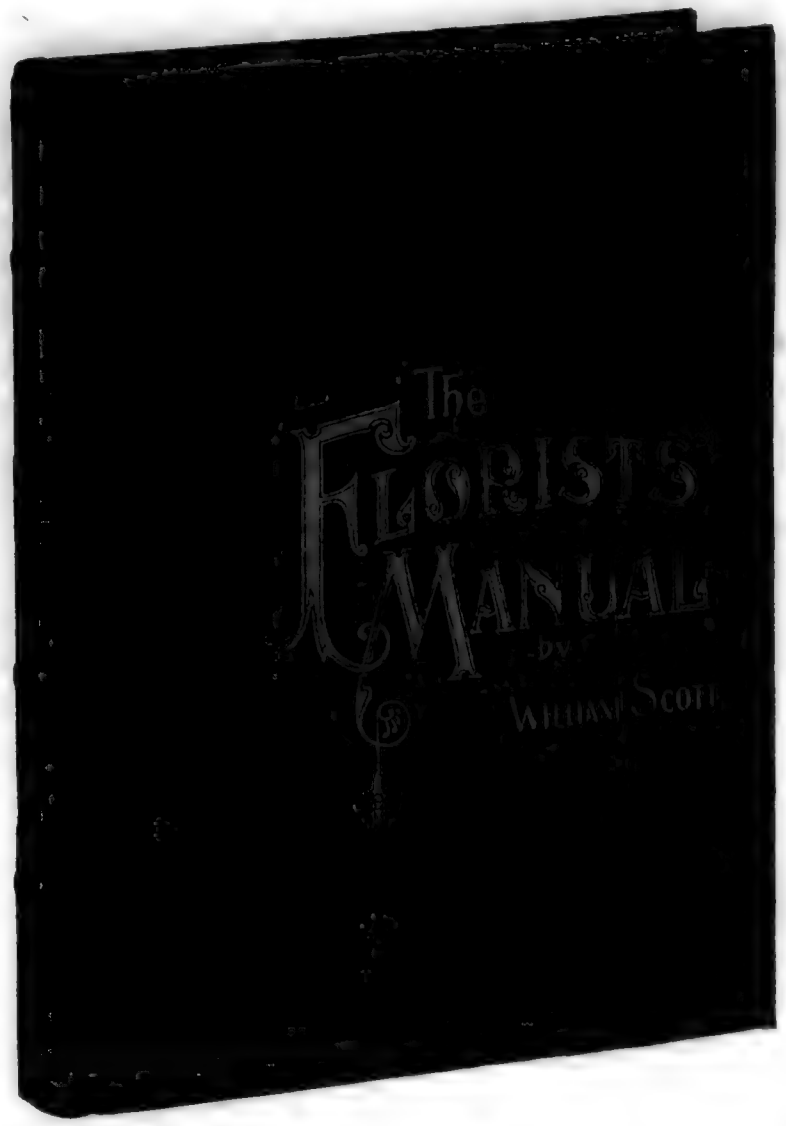
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White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12 50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30 00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10 00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. **LOOMIS, CAL.**

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ASPARAGUS PLUMOSUS NANUS.

Strong 2½-in. plants, $2.00 per 100; $20.00 per 1000
Strong 3-in. plants, 3.50 " 30.00 "

New Crop Shasta Daisy Seed,

Trade packet....25c; 1 oz...$5.00; 1 lb...$50.00.
Charges prepaid. Terms cash or C. O. D.

Loomis Floral Co., Loomis, Cal.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000
Queen Louise, fine white	$1.20	$10.00
Alba, large white	1.40	12.00
America, red	1.00	8.00
Mrs P. Palmer, big scarlet	1.20	10.00
G. H. Crane, scarlet	1 20	10.00
Eldorado, yel	1.20	10.00
Marshall Field, barred	1.40	12 50
Armazindy, barred	$1 00	$8.00
Mrs. Joost, pink	1.20	10.00
Lawson, pink	1.40	12.50
Pres. McKinley, pink	1 40	12.50
Success, light pk.	1 20	10.00
Harlowarden, crimson	1.40	12.50
Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-h f price. Terms—Cash with order or C.O D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

THAT little one-inch advertisement in your valuable paper did the work all right, as usual.—J. F. AMMANN, Edwardsville, Ill.

PACIFIC COAST.

WITH CARNATION GROWERS.

As I stated last week, there will be more carnations than ever during the coming season. Many houses formerly devoted to rose growing have been changed and replanted to the easier grown flower. The reasons given by some of the growers are as follows: One told me that his houses were too old and leaky to devote longer to roses. Another stated that after having grown them for five years he concluded his soil was not suitable for roses. Another remarked that his houses were not built right for roses, although he had been using them for that purpose for several years. Two growers complained that practical greenhousemen who understood forcing were too hard to secure in California. From my observations I am sure there will be no excess of roses this season, although some of the places have fine stock and plenty of it.

But to return to carnations. In white sorts Flora Hill easily predominates in the amount of stock planted. It seems to be the standby with the larger percentage of growers. Queen Louise comes next and finds favor with many. Wolcott is grown in most of the larger places, with varying success, but it has evidently come to stay. The flowers at present bring about twice what is obtained for other white sorts. White Cloud finds favor in a few places but has been discarded by many.

Prosperity is said by many to be a very shy bloomer but I find it extensively planted again this season. The flowers bring the highest prices of any variety at present.

With pink sorts Lawson is still the champion here and bids fair to remain so. I find Enchantress to have made wonderful strides since last season and many growers are planting it heavily. Triumph I think is next on the list, followed by Cressbrook, although this variety does not find favor with some growers. E. Schwerin is a good winter bloomer and has many friends. Ethel Crocker has been discarded on account of its reluctance to bloom in the winter. Mrs. Joost, although a comparatively small flower, is an abundant bloomer and is grown in many of the smaller establisments. Wm. Scott comes under the same head. Genevieve Lord I found only in a few houses.

With scarlets Estelle has almost superseded everything. America has been discarded and Crane is only occasionally seen. Mrs. Palmer and Harlowarden do not seem to find much favor and Portia is only planted in a few places.

Pingree and Gold Nugget are out of business but a few houses are still planted to Eldorado.

In variegated sorts Bradt seems to have almost disappeared, likewise Armazindy, Stella and Gaiety. The finest I have seen are John Carbone and Iris Miller and several unnamed seedlings. The majority of growers do not interest themselves much with variegated, although they usually bring good prices.

There are several other sorts that are grown in a few localities but the list given here represents the varieties in about the proportion they are grown. The prospects for an unlimited winter's supply are excellent. G.

SAN FRANCISCO.

The Market.

Business is still very quiet and the weather is such that flowers are being brought to the stores in unprecedented quantities. Chrysanthemums are still in their prime and they are making the store windows and the baskets of the sidewalk venders very showy. Outdoor stock has been sold as cheap during the past week as twenty dozen for a dollar, good quality of flowers. Without frost the supply will last about three weeks more, by present indications. The quantity of roses is lessening considerably and better prices are being paid. The majority of the first crop is over and those that are now being offered are of much better stem. American Beauty is scarce and still brings a good figure. The stores are paying from $1 to $2 per dozen. Brides and Maids are selling wholesale at from 50 cents to $1 per dozen and Testout and Liberty a little less. Carnations are plentiful and, except the fancy varieties, there is no great demand for them. Violets are just about in sufficient quantity to fill the demand. Outdoor stock has almost disappeared and with the advent of frosty weather, which we may expect in a few weeks, the price will take a sudden rise. Quite a quantity of Paper White narcissi are seen. This is an unparalleled happening in the history of the trade here. The great downpour of rain in September, which came two months before its time, started the dormant bulbs and we will have a large portion of our bulbous stock a good many weeks earlier than usual.

I saw in a prominent Sutter street store this week a large bunch of beautiful white lilac. This is another freak proposition. Fancy cutting a quantity of lilac outdoors in California at the middle of November.

Some of the florists have already been visited by the Christmas tree dealers and it seems impossible to realize that we are almost to the end of another year. G.

WE think the REVIEW our best publication.—W. J. MILLER & SON.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

MANY cemeteries are in the market this fall for considerable quantities of nursery stock.

NOW that the alarm about the San Jose scale has in a measure passed, it is time to get up some excitement over the gypsy moth. Many consider it the more dangerous pest.

THERE is a good demand for Tritoma Pfitzeri, it having been used by florists in a number of notable decorations this fall. North of Philadelphia it is safer to lift the plants in November and store in a cellar. It needs a well-drained situation.

THE freight steamers from Rotterdam sail very irregularly and there is much complaint at the delay suffered by perishable goods. The boats of the Netherlands-American Co. sail regularly every week and many shippers find it advisable to use these steamers.

HENRY HICKS says, in an article in Country Life, that growing box in this country is fighting nature; when you compare the climates of Old and New England the wonder is, not that box fails, but that any evergreen from England succeeds here; we should look to Manchuria or Korea for a broad-leaved evergreen to displace box.

THERE is an indication that, with the more general demand for ornamental material, the call for large specimens will be overshadowed by the requests for smaller stock. The rich man will pay for immediate effect but the planter of moderate means wants a good many plants; he thinks he gets more for his money than in specimens and besides he does not lose so much if part of the stock dies and he can afford to wait.

THE BEECH.

When is the best time to move the purple beech? I. E. B.

The beech is not our easiest tree to transplant, but that depends largely on the condition of the roots. If you are sure the tree has been transplanted within two or three years you can move it now; if not, wait until early spring.

W. S.

T. R. WATSON

1840 **Old Colony Nurseries** 1904

PLYMOUTH, MASS., U. S. A.

	Per 100	Per 1000
Lonicera Japonica (type)	$6.00	$50.00
Symphoricarpos Racemosus	6.00	50.00

Mention The Review when you write.

200,000 California PRIVET.

2 to 2½ feet.....$18.00 per 1000
3 to 4 feet..... 24.00 "

WM. BRYAN, Elberon, N. J.

CLEARY'S

Horticultural Hall

62 Vesey St., New York City

Telephone 7313 Cortland

AUCTION

Every Tuesday and Friday at 11 a. m.

Consignments received from the best and most careful growers.

Exceptional display facilities.

Stupenduous ROSE SALE in the immediate or near future.

Catalogues issued for all sales and mailed upon request.

Prompt attention given to mail, telegraph or telephone orders.

PERSONS UNABLE TO ATTEND SALES MAY SEND ORDERS TO BUY—NAMING A PRICE LIMIT FOR ARTICLES DESIRED.

HOW to EARN $20 to $50 per WEEK

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the FLORISTS' REVIEW for their services this winter—whole or part time.

If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

ADDRESS

SPAULDING NURSERY & ORCHARD CO.
SPAULDING, ILL.

Mention The Review when you write.

Hardy Roses, SHRUBS, ETC.

For Fall planting and Spring sales. Buy now, plants are more select in the Fall and prices lower than in Spring. If not planted now these hardy plants keep well heeled in the open ground and are ready in spring when wanted. **Roses** fine 2-year field-grown Gen'l. Jacq and other best H. P. 12c. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX long canes for forcing 20c. **Large-flowered Clematis** finest purple, white, lavender, pink, named 2-year 18c; 1-year 9c; extra 3-year 30c. Clematis Paniculata 2-year, strong 8c. **Ampelopsis** Veitchii 2-year 10c.; second size 6c. Hydrangea P. G. strong and bushy 10c.; splendid tree shaped specimens 30c. **Golden Glow** strong 4c.; **Iris** finest Japanese and German 10c. **Hardy Phlox** finest named sorts 8c. **Peonies** best varieties 12c. **Hardy Shrubs** strong 2-year field grown, leading sorts, Altheas 10c. Deutzias 10c.; Japan Quince 8c.; Syringas 12c.; Spiraeas 10c.; Weigelias 10c; Cal. Privet extra strong 4c., etc., etc. Also Fruit and ornamental trees, etc., priced on application. Packing is free for cash, done in the best manner, and light as consistant with safety. No order accepted less than one dollar, unless for samples.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

CALIFORNIA PRIVET—One, two and three-year plants, fine and busy, $10.00, $25.00 and $30.00 per 1000.

ROSE OF SHARON—Double Pink, 3 years, bushy, $10.00 per 100.

CRIMSON RAMBLERS—Strong, $10.00 per 100. Packing free. CASH, PLEASE.

JAS. AMBACHER, West End, N.J.

Mention The Review when you write.

TREES and SHRUBS

FINE VARIETIES. Low Prices.

For both wholesale and retail trade.

Send for catalogue.

PETERSON NURSERY,

LINCOLN and PETERSON AVES., CHICAGO, ILL.

Mention The Review when you write.

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Always mention the Florists' Review when writing advertisers.

EISELE'S PRIVET.

NONE BETTER

	Per 1000
20,000—3-year, cut back, heavy, 2½ to 3½ ft.	$30.00
25,000—2-year, 2 to 2½ ft., strong	20.00
30,000—1-year, 12 to 18 inches	12.00

	Per 1000
10,000—Golden Elder, 3-year	$60.00
10,000—Euonymus, 1-year, 12 to 15 in. high	60.00
10,000—Box Edging, 3 to 4 inches high	50.00
1,500—Hydrangea Rosea, 1-year cuttings	60.00

EISELE'S HARDY, LARGE, FIELD-GROWN PERENNIALS.

NONE BETTER

	Per 100
Achillea The Pearl	$5.00
Achillea Rosea	4.00
Aquilegia	5.00
Santolina, large	6.00
Clematis, white, strong	6.00
Coreopsis Lanceolata	4.00
Dianthus Barbatus	5.00
Funkia Caerulea	4.00
Gaillardia Grandiflora	5.00
Helianthus Maximiliani	4.00

	Per 100
Delphinium, Formosum	$5.00
Hollyhocks, double, white, red, pink, yellow, 1 year	8.00
Hollyhocks, single, mixed	6.00
Golden Glow	8.00
Lychnis Haageana	5.00
Lychnis Chalcedonica	5.00
Monarda Rosea	5.00
Myosotis Palustris	8.00

	Per 100
Anthemis Tinctoria	$5.00
Heuchera Sanguinea	6.00
Stokesia Cyanea	5.00
Pyrethrum Roseum	5.00
Papaver Orientalis	5.00
Veronica Longifolia	8.00
Platycodon, blue	5.00
Digitalis Gloxinaeflora	6.00
Agrostemma Coronaria	5.00

CASH WITH ORDER.

W. G. EISELE, Cedar Avenue, West End, N. J.

Mention The Review when you write.



30,000 flowers cut before photo was taken. **PEONIES** A 3-year-old bed.

Fragrans. THE TALL GROWER and BLOOM PRODUCER, $6.00 per 100; $50.00 per 1000. WHITE, LIKE ILLUSTRATION, $9.00 per 100; $80.00 per 1000.

For prices on FESTIVA MAXIMA, EARLY PINK and PINKISH YELLOW, write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Bay State Nurseries

HIGH GRADE NURSERY STOCK OF EVERY DESCRIPTION.

Free from Disease. Carefully Packed. Prices Reasonable. Personal attention given to every order.

A few Leaders:—**BERBERIS THUNBERGII, SPIRAEA VAN HOUTTEI** and **CLEMATIS PANICULATA** by the thousand.

NORWAY MAPLE. Extra fine, all sizes, in carload lots.

CALIFORNIA PRIVET. $12 to $30 per 1000.

RHODODENDRON MAXIMUM and KALMIA LATIFOLIA in carloads or smaller quantity. **Wholesale Trade List on application.**

WINDSOR H. WYMAN, NORTH ABINGTON, MASS.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description of Nursery Stock, Peonies, etc., mailed upon application.

CALIFORNIA PRIVET.

Packing free.	Per 100	1000
50,000 3 years, 2½ to 3 feet	$3.00	$28.00
50,000 2 years, 3 to 4 feet	2.75	25.00
200,000 2 years, 2 to 3 feet	2.25	20.00
200,000 2 years, 20 to 24 inches	2.00	15.00
50,000 2 years, 15 to 20 inches	1.75	12.00
400,000 1 year, 12 to 18 inches	1.00	8.00
Cuttings, February and March, 8-inch		.75

200 Trees, 3 years, heads 4 to 5 feet.....20c each.

2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000

Palmetto and Barr's Mammoth, 2-year..$3.00
Palmetto and Barr's Mammoth, 1-year.. 2.50

Write for Trade List. Remember, packing free on Fall Delivery.

J. H. O'Hagan, River View Nurseries, LITTLE SILVER, N. J.

Mention The Review when you write.

RED SPORT OF MACEO

The New "Bread and Butter" Red Carnation.

Gen. Maceo Carnation is known the country over as the most prolific, healthy and easiest doer, with the hardiest constitution of any Carnation that was ever introduced. **We have a brilliant "Crane" Red Sport of this variety,** now in its fourth year, that retains all the characteristics of the old variety except color. Growing side by side, it will be noticed that **RED SPORT** has a little stiffer stem, a larger flower and a heavier growth than the old variety.

WHAT WE CLAIM FOR "RED SPORT."

RED SPORT will produce as many blooms to the square foot of bench room as any other variety, of any color, ever introduced.

RED SPORT is an early and continuous bloomer that produces its heaviest around the Christmas holidays and during the Winter months when reds are in demand.

RED SPORT does not split; in fact we have never seen a split calyx on it.

Every bloom is of a brilliant "Crane" red color, just the shade to show to best advantage under artificial light.

It will travel farther and keep longer than any other red to date. Blooms shipped to Chicago have kept a week in perfect condition after they were received.

RED SPORT is not large enough to be classed as a fancy, but the color, form and stem are all so good that it sells at sight.

This variety brought $6.00 per 100 all last January in Washington City.

The flower with ordinary culture is 2¼ to 3¼ inches across, on wiry stems, 18 to 20 inches in length, that well support the bloom.

The plant makes no superfluous grass, is an upright grower, and can be planted close.

RED SPORT is perfectly healthy, and is entirely free from all forms of disease.

RED SPORT is highly recommended, without exception, by every florist who has seen it growing.

Do not take our word for it; come and see **RED SPORT** growing and be your own judge. We are only an hour and a half out from Washington on the Bluemont Division, Southern Railway, with four trains each way daily. Write, 'phone or wire and our carriage will meet you at station.

We have a large stock from which to select cuttings, and every cutting sent out will be grown cool, and rooted **without bottom heat,** and will make a good healthy plant.

As we are offering a strictly commercial variety, suited to the need of the average florist, or grower who wants a red that will produce good bloom in paying numbers in the Winter months, we propose to offer it at a popular price, that will enable the grower to buy it in quantity.

PRICE FOR JANUARY, 1905, DELIVERY (Orders filled in strict rotation.)

12 for $1.50, postpaid; 25 for $2.50, postpaid; 50 for $4 00, postpaid; 100 for $6.00; 1,000 for $50.00; 5,000 for $237.50; 10,000 for $450.00.

We guarantee all stock sent out to be well-rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, Established 1866. PURCELLVILLE, VA.

DISEASED PALM LEAVES.

Kindly state the name of the insect or disease of palm and what is its cause, from being planted out all summer? What is the remedy? I. W. G.

A portion of a leaflet from a palm, apparently a phoenix, accompanied this query, and an examination of the specimen shows that the plant is affected by the phoenix fungus, Peronospora Phoenixæ, a trouble that is not uncommon with these plants.

This is one of those fungi that makes its growth within the tissues of the leaf and frequently escapes notice until such time as the spore-bearing branches of the fungus appear above the surface of the leaf, as shown by the leaflet forwarded. In all probability the plant in question was affected by this fungus before it was planted out, but the comparatively cool and damp summer has favored the growth of the fungus and its ravages are now more clearly shown.

There is no absolute cure known to the writer, but careful culture, including a less quantity of moisture on the foliage during the winter, plenty of fresh air and a night temperature of 60 degrees will tend to strengthen the plant and check the fungus. W. H. Taplin.

"SIXTEEN TO ONE" AGAIN.

Plants all sold. Eight insertions of the advertisement pay us sixteen to one. The Review is all right. Kring Bros.

Fairbury, Ill.

I want to renew my subscription for the best florists' paper published.—R. L. Burgoyne, Danville, Ill.

The John E. Haines Carnation

POSITIVELY THE BEST SCARLET OUT.

SIZE 3½-INCH AND OVER. TO BE DISSEMINATED IN 1906.

Invitations for inspection of greenhouses are extended to all florists. Will gladly furnish sample flowers for exhibitions and club meetings on request.

JOHN E. HAINES, Bethlehem, Pa.

Mention The Review when you write.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is

....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DID IT EVER OCCUR TO YOU?

That a wise Florist always places his order early for the BEST CARNATIONS in sight? Have the Best Varieties growing in your houses; they take up no more space, give you more blooms, and bring a better price than any other carnations extant in their color.

Light Pink
ENCHANTRESS

White
Lieut. Peary
The Belle
Gov. Wolcott
Boston Market
Lady Bountiful

Dark Pink
Nelson Fisher
Mrs. E. A. Nelson
Mrs. T. W. Lawson
Ethel Ward

GIBSON BEAUTY

LIGHT } 1905 { PINK

ROBERT CRAIG

BRIGHT } 1906 { SCARLET

The Greatest Carnation the World Has Ever Seen

Scarlet
Flamingo
Estelle
Adonis

Crimson
Octoroon
The President
Harry Fenn

Variegated
Mrs. M. A. Patten
Prosperity

There is both **comfort** and **economy** in it, and it is as desirable as having a reserve boiler for cases of emergency. No **one** carnation can be the **best** for all occasions. This is **our way** of meeting the varied requirements of up-to-date Florists. We ask, does it not appeal to your good judgment?

YOU CAN PROVE every word we say by buying and growing them. We ship Fancy Blooms to all parts of the United States, Cuttings to all parts of the world. Send in your orders.

J. D. THOMPSON CARNATION COMPANY

JOLIET, ILLINOIS

Eclipse

Our Introduction for 1905

A Grand Pink Carnation
Lighter in Color than Lawson

With no cerise or magneta shadings. A color that withstands the brightest sun's rays without the objectionable shadings or bleachings at the edges of the petals. The true merits of this variety are summed up in four points:

1st. A strong free growth and of easy propagation.

2nd. Large 3½-inch flowers of a beautiful dark shade of clear pink. No imperfect or faded blooms.

3rd. Comes into flower with the earliest bloomers, and produces freely and continually throughout the season. Has never shown any cropping tendency.

We have a large stock and can guarantee early delivery.

$12.00 per 100; $100.00 per 1000.

Write for special prices on large lots.

Fiancee

The Pink Carnation Prize Winner

$12.00 per 100; $100.00 per 1000.

We have benched large stocks of the two grand white carnations—

Lady Bountiful and The Belle

and will be in position to supply good well rooted cuttings in quantity for early delivery.

$6.00 per 100; $50.00 per 1000.
Special prices on large lots.

Also all the best of the 1904 Novelties, such as Flamingo, Crusader, Nelson Fisher, Indianapolis, Mrs. Patten, White Lawson, The President and Judge Hinsdale.

The Best of the Standard Sorts are on our List.

Rooted Cuttings are our specialty, and our stock is grown to produce strong healthy cuttings in preference to bloom.

F. DORNER & SONS CO. La Fayette, Indiana.

ANNOUNCEMENT.....

WE TAKE PLEASURE IN ANNOUNCING THE

New Carnation=Fred Burki

Which Will be Disseminated in 1905—Commencing in January.

Fred Burki is the result of a cross between Lawson and a seedling of much merit; the latter being the seed parent. It possesses all the good qualities to induce the most conservative growers to include it among best whites.

HERE ARE A FEW OF ITS MERITORIOUS POINTS:

1st. The blooms come perfect and uniform, averaging 3 to 3½ inches in size.

2d. The stem measures from 20 to 30 inches, being stiff and erect and resembles that of Lawson.

3d. It never crops, but yields continuously from November until July.

4th. The calyx is perfect; showing no tendency of bursting.

5th. Its keeping qualities, a point not to be overlooked, are second to none and **equal** to the **best.**

6th. It transplants easily and roots like the proverbial weed.

Those who saw it growing are unanimous in declaring the **FRED BURKI** the ideal white in every respect. It scored 88 points at the Detroit Carnation Convention, receiving a certificate of merit. Don't hesitate placing your order for **FRED BURKI.** It will prove a good investment.

PRICE—$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Orders filled strictly in rotation.

JOHN MURCHIE,
SHARON, PA.

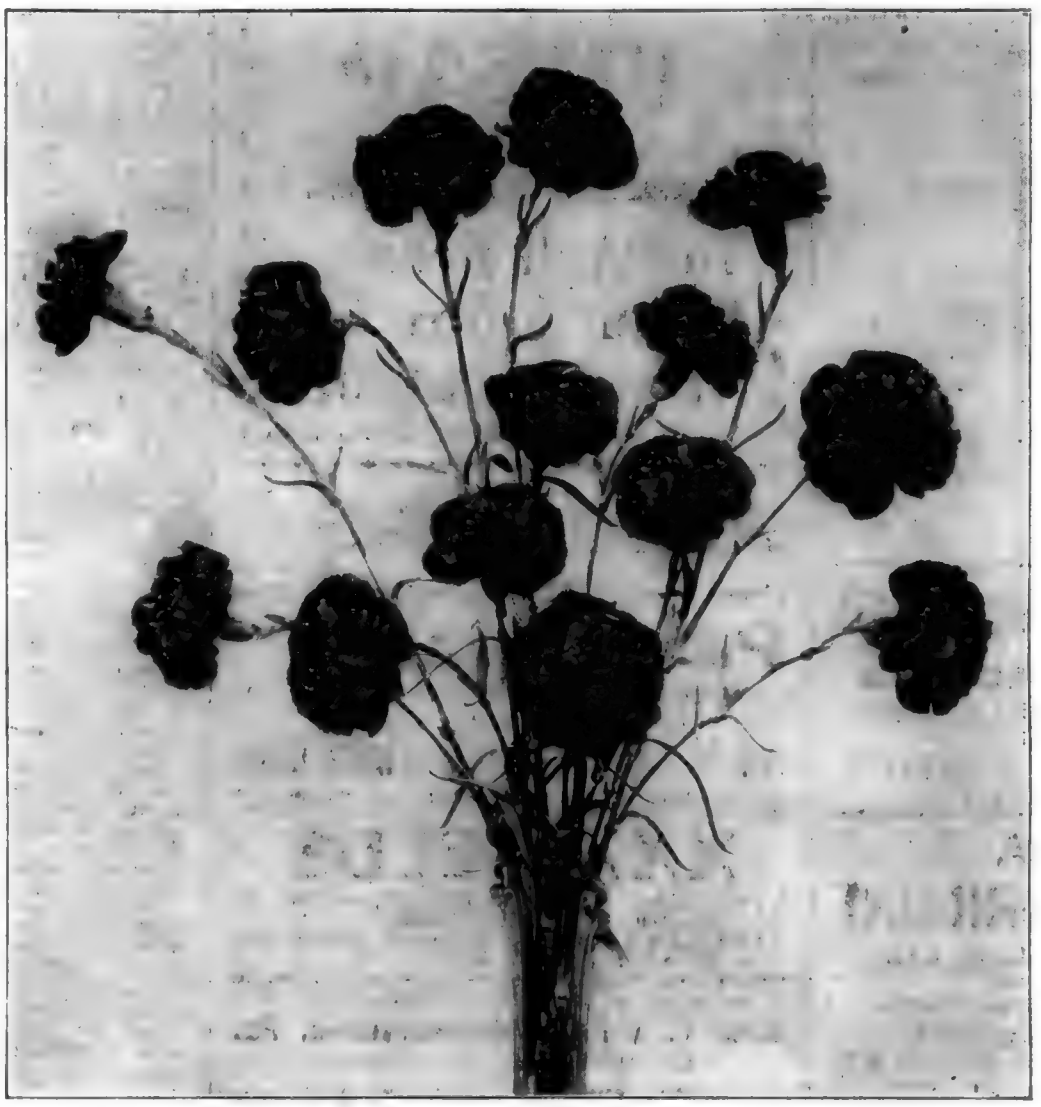
S. S. SKIDELSKY,
824 N. 24th St., PHILADELPHIA.

E. G. HILL CO.,
RICHMOND, IND.

F. R. PIERSON CO.,
TARRYTOWN, N. Y.

RICHMOND GEM!

THE NEW SCARLET CARNATION WAS AWARDED A. C. S. CERTIFICATE AT DETROIT AND FIRST PRIZE FOR SCARLET AT INDIANAPOLIS SHOW::::



CARNATION RICHMOND GEM—Knopf.

THE BEST COMMERCIAL SCARLET TO DATE. IT SURPASSES ANY SCARLET EVER INTRODUCED IN COLOR AND FREE BLOOMING QUALITIES::::

The stem is twenty-four inches and over and holds the flower up gracefully at all seasons of the year. The flowers average two and three-quarter inches and over. Read below what others say who have been growing it.

WRITE FOR PHOTOGRAPH OF 1903 CHRISTMAS CROP.

B. K. & B. Floral Co., Richmond, Ind. Joliet, Ill., Oct. 15, 1903.

Gentlemen:—We now have two blooms open on the plants which we have of Richmond Gem, which were sent us for trial. Of course, you understand it is very hard to judge a carnation with but six plants. From the appearance of the blooms now, we would not class it as a fancy carnation, but we are very much impressed with the habit and growth of same, also the long stiff stems, and think it will be a free bloomer. The bloom is a little undersize but the form is good, and the color is all that can be asked for in a scarlet. At the present time we consider Estelle the best scarlet in the market, as it is a free bloomer, and cannot be beaten for color, being a better color than Adonis, and judging the Richmond Gem, we will take Estelle as a standard. The color of the Richmond Gem is equally as good as Estelle, but we think it will give more blooms than Estelle, the habit is better and the stock is equally as healthy, and in fact, more so, as it is not inclined to rust. I wish you would send us, upon receipt of this, six of the best blooms you can pick of the Richmond Gem, that we may compare them with the two we now have. The writer expects to visit Richmond soon and see it growing, and if it impresses us as favorably as it does now, we will place an order for 10,000.

J. D. THOMPSON CARNATION CO.

The B. K. & B. F. Co., Richmond, Ind. Indianapolis, Ind., Jan. 15, '04.

Gentlemen:—We feel confident that your Richmond Gem will become one of the standard commercial varieties as soon as it is generally disseminated. As a commercial scarlet it certainly is superior to anything we now have. The color could not be improved upon, and in freedom it is ahead of anything we know of. You ought to have no trouble in selling all that you can supply.

BAUR & SMITH.

B. K. & B. Floral Co., Richmond, Ind. Hartford, Conn., Jan. 18, 1904.

Gentlemen:—As to the result of the trial of six plants of Richmond Gem you sent me, I have to say that when housed the third week in July they made rapid growth and, while topped once after benching, the first flower, measuring two and one-half inches, was cut September 25. Since then there has been no let-up in the production of blooms. Habit of plant is ideal, stem just right to carry the flower gracefully, while the color, to my mind, surpasses anything yet produced in scarlet. It has been a pleasure to watch its behavior, and from experience can unhesitatingly say that you are warranted in recommending Richmond Gem to the trade as a strictly first-class commercial variety.

GEO. S. OSBORN.

B. K. & B. Floral Co., Richmond, Ind. Lancaster, Pa., Jan. 16, 1904.

Gentlemen:—The plants of Richmond Gem you so kindly sent me for trial made fine plants in spite of the most unfavorable season I have had since embarking in business, thus showing great vitality and vigor as a grower and, although they had this set-back in the field, they have made a good crop of good flowers, and the color is much more desirable than most of the scarlets offered for our investment. The flower in size is not a 4-inch one but it is of fair size and promises to produce four flowers to one as compared with most of the extremely large flowered sorts.

ALBERT M. HERR.

B. K. & B. F. Co., Richmond, Ind. Cincinnati, O., July 25, 1904.

I want to say to you that your Richmond Gem scarlet carnation is the best keeper and best seller of any carnation of a commercial sort I have ever handled, of fine color, splendid calyx and stem. I predict for Richmond Gem a large sale.

E. G. GILLETT.

☞ PLACE YOUR ORDERS early, as we have already sold over 52,000. Our stock is large and in fine shape. Come and see it growing. All Cuttings sold with the understanding that if not satisfactory when received money will be refunded. Rooted Cuttings ready from December on, $10.00 per 100, $75.00 per 1000; 250 at 1000 rate.

SELLING AGENTS

S. S. SKIDELSKY ..... Philadelphia, Pa.	NATHAN SMITH & SON ..... Adrian, Mich.
E. G. HILL CO. ..... Richmond, Ind.	WM. SWAYNE ..... Kennett Square, Pa.
VAUGHAN'S GREENHOUSES ..... Western Springs, Ill.	HENRY A. DREER ..... Philadelphia, Pa.
WM. MURPHY ..... 130 East 3d St., Cincinnati, O.	LIVINGSTON SEED CO. ..... Columbus, O.
PETER REINBERG ..... Chicago, Ill.	NATIONAL PLANT CO. ..... Dayton, O.
F. DORNER & SONS CO. ..... La Fayette, Ind.	

THE B. K. & B. FLORAL CO.,

CHAS. KNOPF, Manager. **RICHMOND, INDIANA.**

WASHINGTON.

Cut flower trade is improving every day. Some fine mums are to be seen in the first-class stores.

Blackistone has a very fine display of orchids in his window which is artistically decorated with cork bark.

Geo. Cook has a fine display of Farleyense fern at his Connecticut avenue store.

A. Gude & Bro. are cutting, as usual, fine Beauties and are busy with wedding decorations, filling up with funeral work. They had their opening in the new store in the new Gude building, 1214 F street, N. W., November 1.

Mr. Smith, formerly with Gude & Bro., has taken a position with F. H. Kramer, on F street.

ANEMONE JAPONICA.

When is the best time to divide Anemone Japonica? I. E. B.

Anemone Japonica can be divided and planted at once. Protect during winter with leaves or evergreen boughs. They also divide safely in April. W. S.

THE STORRS & HARRISON CO.

PAINESVILLE NURSERIES

Catalogues and price list free on application.

PAINESVILLE, OHIO.

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

Fine thrifty stock, 2-inch, per 100, $10.00.
4-inch, per 100, $40.00.
Prices of larger stock upon application.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

ORCHIDS

We have on hand the following imported Orchids in superb condition: Cattleya Trianæ, C. Gaskelliana, C. Gigas, Odontoglossum grande, Odontoglossum Crispum (Alexandræ), Oncidium Crispum and O. Barbatum. Also quantities of established Orchids now in sheath and spike.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

2,000 Boston ferns, fit for 5 and 6-in. pots, 15c and 20c each, fine stock, well grown stock in full light. Piersoni Fern for 7-in., 35c; for 6-in., 25c. PLUMOSUS NANUS, 4-in., fine, 8c; 3½-in., 6c. Crimson Ramblers, for Easter: 2-year, 15c; 1-year, 10c. Cash please.

BENJ. CONNELL, West Grove, Pa.

Mention The Review when you write.

ASP. PLUMOSUS NANUS, 3-in., per 100....$4.50
CIGAR PLANT (Cuphea), 2-in., " ... 2.00
CRYPTOMERIA JAPONICA, 2-in., per 100 5.00
" " 4-in., " 10.00
SMILAX, 2-in., 75c per 100; Seedlings 25c per 100
SELAGINELLA, 2-in., $2 25 per 100.
PELARGONIUMS, 2-in., mixed $3.00 per 100.
MIGNONETTE, (Matchet), 2-in., $2.00 per 100.

E. I. RAWLINGS, - Quakertown, Pa.

Mention The Review when you write

Peacock's ....Dahlias

For plants or bulbs address

L. K. PEACOCK,

Dahlia Specialist, ATCO, N. J.

Mention The Review when you write.

FOLDING BOXES CHEAP

Write for
SAMPLES AND PRICES.

The Aull Bros. Paper & Box Co.,
DAYTON, OHIO.

Asparagus

Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15 00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

XXX SEEDS

CYCLAMEN GIGANTEUM—Finest Giants, mixed. 200 seeds, $1.00; ⅛ pkt., 50c.
GIANT PANSY—Best of Giants, mixed, 5,000 seeds, $1.00; ¼ packet, 50c.
CHINESE PRIMROSE—Finest grown, single and double mixed; 500 seeds, $1.00; ⅛ pkt., 50c.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen. $20.00 per 100.
Primula Sinensis—2½-in., $2.00 per 100.
Cinerarias—2½-in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4 in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1.75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns From bench, $1.50 to $10 per 100

Cannas In twenty best varieties, at $2.00 per hundred.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

Mention The Review when you write

CYCLAMEN GIGANTEUM.

Large flowering plants, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.
Asparagus Plumosus Nanus, 2-in. pots, $3.00 per 100; 3-in., $4.00 per 100; 4-in., $10.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 4-in., $6.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave. **UTICA, N.Y**

Mention The Review when you write.

A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6-in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12.00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Phoenix Canariensis—8-inch pots, 4 feet high, 4 feet wide, 14 perfect leaves, perfect jewels; good for decorating, only $2.00 each, worth $5.00.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus Nanus—3-inch, strong $6 00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5 to 8 leaves, 50 cents each.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 7-inch specimens, 75c to $1.00 each; 8-inch pots, as big as a bushel basket, $1.25 each.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 30 in. high, 3 in a pot, 75c.

Latania Borbonica—6-in., 50c.
Adiantum Cuneatum—(Maidenhair fern)—4-inch, bushy, $1.20 per dozen.
Ferns—For fern dishes, mixed, 2½-in., 5c; 3-in., 15c to 20c strong.
Acorus Gramineus Variegatus—For dishes, $1.00 per doz.
Primula Chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 per 100.
Solanum or Jerusalem Cherries, full of fruit, large, bushy plants, 5½ to 6-inch pots, from $2 00, $2 50 to $3.00 per doz. Capsicum annuum or Xmas peppers in fruit, 5-inch, $2.00 per doz.

Just arrived per steamer Switzerland, 30 cases of Azalea Indica, best American varieties. I am noted for importing the choicest of Ghent's cream. Prices: 40c, 50c, 60c, 75c to $1.00 each.

One of 100 different testimonials:

CINCINNATI, OHIO, Sept. 29, 1904.

MR. GODFREY ASCHMANN:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY, 813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants
Bell Phone Tioga 3669A.

Mention The Review when you write.

Primroses

(SINENSIS)

We have on hand, strong plants of our select strain in

DAYBREAK PINK .... and BRIGHT RED.....

From 3-in. pots, $4.00 per 100;
from 2¼-in. pots, $2.50 per 100.

Nathan Smith & Son,

ADRIAN, MICH.

Mention The Review when you write.

	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

Note Its Record to Date

PIERSONI ELEGANTISSIMA

GOLD MEDAL WORLD'S ...FAIR...

THE MUCH COVETED... $50 PRIZE FROM THE HORTICULTURAL SOCIETY OF NEW YORK For the BEST NEW PLANT of the Year



GOLD MEDAL
Rhode Island Horticultural Society.

SILVER MEDAL
Highest Award of the S. A. F. & O. H.

SILVER MEDAL
New York Florists' Club.

SILVER MEDAL
Newport Horticultural Society.

SILVER MEDAL
Tarrytown Horticultural Society.

AND NUMEROUS DIPLOMAS AND CERTIFICATES OF MERIT

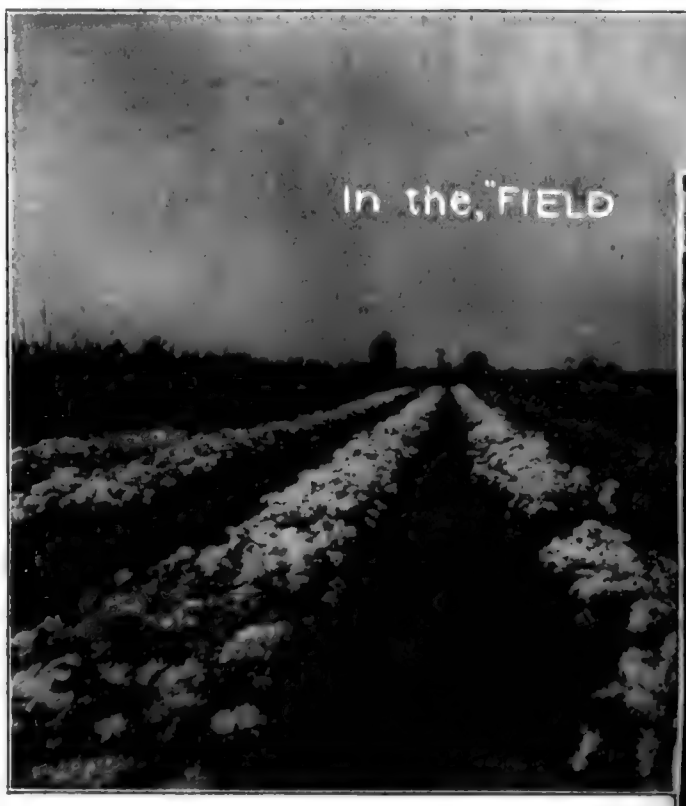
The beauty and value of this new fern to be introduced Spring of 1905, can best be appreciated by seeing it. It is a sport from the Pierson Fern (Nephrolepis Piersoni), but it is very much more beautiful and of greater commercial value. It is as different from the Pierson Fern as that is from the Boston. The small side pinnae are again subdivided, producing an exquisite and beautiful effect, changing the entire character of the fronds, which measure less than half the length and about twice the breadth of the fronds of the Pierson Fern. The fronds also assume an entirely different form, the side pinnae standing at right angles to the mid-rib of the frond, on edge rather than flat, as is usual, making both sides of the frond equally beautiful—entirely different from any other fern.

The plant is very dwarf, only about half the height of the Pierson Fern, and of very much more compact habit. Taking it altogether, it makes one of the most exquisite plants and one of the most valuable for table and house decoration that has ever been introduced. The cut fronds, on account of their beauty, will be in great demand for table decoration, design work, and for use in boxes of loose flowers. Well-grown plants make most magnificent specimens. We think there is nothing in the fern line that is so handsome as this beautiful fern when well grown. It is a wonderful improvement over Nephrolepis Piersoni in every respect, both in regard to beauty and habit of growth.

We will be glad to mail full description, etc., to our friends who do not have the opportunity of seeing this Fern. We shall have plants to offer, not only in small sizes, but also in large specimen plants in 6, 8 and 10-inch pans. Prices on application.

F. R. PIERSON CO.

Tarrytown-on-Hudson — NEW YORK





CHRYSANTHEMUMS.
STOCK PLANTS.

HEALTHY MUMS

Health is the foundation of all success. So is it in Chrysanthemum Culture. Most florists could improve the quality of their cut by starting with healthy stock. Chrysanthemums deteriorate rapidly grown inside the year 'round, especially so if stuck under a bench in winter. Realizing these facts we have for some years applied the remedy—field culture for stock plants. We select the healthiest plants bearing the finest flowers, then transfer some of the young stock into the field where plenty of room, clean culture, broad sunlight, pure air and unlimited root action will build a constitution. Our stock plants are then chosen from the field, thus securing healthy mums. Wintered cool and in full sunlight, our stock is really pedigreed and toned up.

Mr. Grave, of Richmond, Ind., said: This bench of Estelle alone is worth a trip to Columbus.—But enough said about our quality; herewith our bill of fare:

Glory of Pacific.
Ivory.
Major Bonnaffon.
Maud Dean.
Mrs. Robinson.
Mrs. Bassett.
Opah.
Timothy Eaton.
Viviand-Morel.
Willowbrook.

Bench 5c.
Field 10c.

Col. Appleton.
Chas. Davis.
Estelle.
Golden Wedding.
Lavender Queen.
Marie Liger.
Mrs. E. D. Smith.
Pink Ivory.
W. H. Chadwick.
Yellow Eaton.

Bench 8c.
Field 15c.

Alice Byron.
Golden Chadwick.
C. J. Salter.
Marian Newell.
Mournier.
Mrs. Coombes.
Mrs. Tranter.
Mrs. Chamberlain.
Nellie Pockett.
Rob't Halliday.

Bench 10c.
Field 20c.

Ben Wells.
Lord Hopetoun.
Mrs. Thirkell.
S. T. Wright.
Wm. Duckham.

Bench or Field, 25c each.

THE LIVINGSTON SEED CO.
COLUMBUS, OHIO.

SEE SCOTTII AND BE CONVINCED

THAT THE PRICE ASKED IS VERY REASONABLE. ALL FLORISTS WHO HAVE PURCHASED, HAVE SO EXPRESSED THEIR OPINION.

TO INTRODUCE

Nephrolepis Scottii

To more customers, florists who have not yet seen the fern, I make this special offer. I will sell one plant of each size at the following prices, and will also prepay the express charges:

4-inch	$0.50	7-inch	$2.00
6-inch	1.25	8-inch	3.00
10-inch	$5.00		

One plant, or one of each size only, will be sold under these conditions.

I make this offer in order that those who are unfamiliar with SCOTTII can see and judge for themselves, that there is no comparison between this fern and any other variety of Nephrolepis, for commercial and decorative purposes. SCOTTII has at least four times as many fronds per plant in any size pot as any other commercial Nephrolepis that was ever introduced.

READ CAREFULLY WHAT THE NEW YORK FLORISTS' CLUB SAID:

The committee of award of the club visited the establishment of John Scott, at Flatbush, N. Y., on October 6, for the purpose of inspecting the stock of his new fern, NEPHROLEPIS SCOTTII. Seven members of the committee attended, also the president and vice-president of the club. The initial exhibit of this fern was made at the rooms of the club at the November meeting, 1903. The committee which examined it at that time was so favorably impressed by it that they unhesitatingly awarded it a certificate of merit, and did not ask to see it growing; a request to examine the stock was only recently sent to the club by the exhibitor. The committee made a thorough examination of the stock both in pots and in the bench, and character. It was growing in all sizes from plants in 4 inch pots up to specimen plants in tubs, and it was absolutely uniform, and were highly pleased at its condition form in all grades, the characteristics of the large specimen plants being evident in the smallest specimens on the place. The most careful scrutiny failed to discover any tendency whatsoever toward reversion, and it seems as if the character of the plant is absolutely and indelibly fixed. It is in essence a condensed form of the Boston fern, with valuable characteristics added, which are not evident in the parent. Your committee took an average plant in an 8-inch pot and found by actual count that there were 200 fronds in it, not counting the undeveloped and small ones which were in the center of the plant. The fronds of the plant in question averaged about 20 inches in length and three inches in width at the widest point; the pinnæ are very closely set, so that they overlap, making a more finished frond than the parent. The plant in question had a spread of three feet. Plants in 4-inch pots showed a spread of 18 inches and a height of 10 to 12 inches.

The committee was unanimously of the opinion that it is a most valuable introduction, and that it will become a plant for the florists to grow universally. It has a crispness and hardness about it which is superior to the parent, and which is one of its very valuable characteristics. It propagates very freely, and because of the fact that its character is established in the smallest size, it should find ready sale in all grades. After a thorough examination, your committee unanimously agreed that it was worthy of the highest award by the club and therefore voted that it be awarded the silver medal of the club, and herewith recommend same for your approval.

(Signed) Patrick O'Mara, John Birnie, Alfred H. Langjahr, Wm. H. Siebrecht, Chas. Lenker, John Dowsett.

In awarding it the GOLD MEDAL, the COMMITTEE OF AWARDS at the St. Louis World's Fair, said of NEPHROLEPIS SCOTTII: "A sturdy, Dwarf and compact form of NEPHROLEPIS, very symmetrical and handsome, either in small plants or quite large ones. A great acquisition, with excellent qualities as a house plant. Worthy of Gold Medal."

PRICES: 4-inch, $7.00; 6-inch, $15.00; 7-inch, $24.00; 8-inch, $36.00 per dozen; 10-in., $5.00 each

JOHN SCOTT KEAP ST. GREENHOUSES Phone 1207 Williamsburg Brooklyn, N.Y.

BRANCH: East 45th St. and Rutland Rd., Brooklyn, N. Y.

Another Gold Medal Just Awarded by the New Orleans Horticultural Society



CHRYSANTHEMUMS.
STOCK PLANTS.



HEALTHY MUMS

Health is the foundation of all success. So is it in Chrysanthemum Culture. Most florists could improve the quality of their cut by starting with healthy stock. Chrysanthemums deteriorate rapidly grown inside the year 'round, especially so if stuck under a bench in winter. Realizing these facts we have for some years applied the remedy- field culture for stock plants. We select the healthiest plants bearing the finest flowers, then transfer some of the young stock into the field where plenty of room, clean culture, broad sunlight, pure air and unlimited root action will build a constitution. Our stock plants are then chosen from the field, thus securing healthy mums. Wintered cool and in full sunlight, our stock is really pedigreed and toned up.

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Maud Dean.	Golden Wedding.	Marian Newell	S. T. Wright.
Mrs. Robinson	Lavender Queen.	Mournier.	Wm. Duckham
Mrs. Bassett.	Marie Liger.	Mrs. Coombes	**Bench or Field, 25c each.**
Opah.	Mrs. E. D. Smith.	Mrs. Tranter.	
Timothy Eaton.	Pink Ivory.	Mrs. Chamberlain	
Viviand-Morel.	W. H. Chadwick.	Nellie Pockett	
Willowbrook.	Yellow Eaton.	Rob't Halliday.	
Bench 5c. **Field 10c.**	**Bench 8c.** **Field 15c.**	**Bench 10c.** **Field 20c.**	

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COLUMBUS, OHIO.

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In awarding it the GOLD MEDAL, the COMMITTEE OF AWARDS at the St. Louis World's Fair, said of NEPHROLEPIS SCOTTII: "A sturdy, Dwarf and compact form of NEPHROLEPIS, very symmetrical and handsome, either in small plants or quite large ones. A great acquisition, with excellent qualities as a house plant. Worthy of Gold Medal."

PRICES: 4-inch, $7.00; 6-inch, $15.00; 7-inch, $24.00
8-inch, $36.00 per dozen; 10-in., $5.00 each

JOHN SCOTT KEAP ST. GREENHOUSES Phone 1207 Williamsburg Brooklyn, N.Y.

BRANCH: East 45th St. and Rutland Rd., Brooklyn, N. Y.

Another Gold Medal Just Awarded by the New Orleans Horticultural Society

DREER'S DECORATIVE PLANTS.

We have in stock a fine line in the following sizes: **Clean, thrifty, vigorous stock which is certain to give full satisfaction.**

KENTIA FORSTERIANA — Made-up Plants.

3-inch pots,	3 plants in a pot,	12 inches high	$2.00 per doz.;	$15.00 per 100
4 "	3 "	15 to 18 "	4.50 "	35.00 "
5 "	3 to 4 "	18 "	7.50 "	60.00 "
8-inch tubs,	3 plants in a tub,	4 to 4½ feet high		5.00 each
9 "	3 "	5 to 5½ "		6.50 "
9 "	3 "	5½ to 6 "		7.50 "
10 "	3 "	6 to 6½ "		12.50 "
12 "	3 to 4 "	6 to 7 "		15.00 "
12 "	3 to 4 "	7 "		20.00 "

KENTIA FORSTERIANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 inches high		$ .30 each
6 "	6 "	28 to 30 "		1.00 "
6 "	6 "	30 to 32 "		1.25 "
6 "	6 "	32 to 36 "		1.50 "
8 "	6 to 7 "	4½ feet high		5.00 "
9 "	6 to 7 "	5 to 5½ feet high		6 00 "
10 "	6 to 7 "	5½ to 6 "		7.50 "
10 "	6 to 7 "	6 "		10.00 "
12-inch tubs,	6 to 7 "	6½ "		12.50 "
12 "	6 to 7 "	7 to 8 "		25.00 "

KENTIA BELMOREANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 to 18 inches high		$ .35 each
5 "	5 to 6 "	20 to 22 "		.75 "
6 "	6 "	28 to 30 "		1.25 "
6 "	6 to 7 "	30 to 36 "		1.50 "
7 "	6 to 7 "	30 to 36 "	heavy	2.00 "

KENTIA SANDERIANA.

A rare, pretty, hardy, serviceable variety.

Fine plants in	5-inch pots,	18 inches high		$1.25 each
" "	6 "	24 "		1.50 "
" "	7 "	30 "		3.00 "

ARECA LUTESCENS.

4-inch pots,	2 to 3 plants in a pot,	15 to 18 inches high		$ .25 each
5 "	3 "	18 to 20 "		.40 "
6 "	3 "	24 to 28 "		.75 "
10 "	very bushy	48 to 54 "		4.00 "

LATANIA BORBONICA.

The best values in these plants that we have ever offered.

3-inch pots,	5 to 6 leaves,	12 to 15 inches high		$8.00 per 100
4 "	5 to 6 "	15 "		20.00 "
5 "	5 to 6 "	15 to 18 "		30.00 "
6 "	6 "	20 "		50.00 "
7 "	6 to 7 "	20 to 24 "		.75 each
8 "	7 to 8 "	24 "	fine plants	1.00 "
8 "	8 to 10 "	28 to 30 "	"	2 00 "

PHOENIX CANARIENSIS.

A nice lot of decorative plants in tubs.

3½ to 4 feet high.....$6.00 each. 4 to 4½ feet high.....$7.50 each

PHOENIX RUPICOLA.

6-inch pots, 24 inches high.....$1.50 each

ARAUCARIA EXCELSA.

4-inch pots,	8 to 10 inches high,	3 tiers		$ .50 each
6 "	12 to 14 "	3 to 4 tiers		.75 "
6 "	14 to 16 "	4 tiers		1.00 "
6 "	16 to 18 "	4 tiers		1.25 "

ARAUCARIA EXCELSA GLAUCA.

6-inch pots,	13 to 15 inches high,	3 tiers		$1.25 each
7 "	16 to 18 "	4 tiers		1.75 "
7 "	22 to 24 "	4 to 5 tiers		2.00 "

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3 tiers		$1.25 each
6 "	12 "	3 tiers		1.50 "
7 "	15 "	3 to 4 tiers		1.75 "

BOSTON FERNS.

A fine lot of dwarf, stocky, bushy plants.

7-inch pots, 75c each; 8-inch pots, $1.00 each; 12-inch pans, $2.00 each

ADIANTUM FARLEYENSE.

A nice, thrifty lot of plants, 4-inch pots, 35c each; 5-inch pots, 75c each

ADIANTUM TENERUM — A fine lot of this useful maiden-hair in 4-inch pots.....$12.00 per 100.

ASPLENIUM NIDUS AVIS — We offer a good lot of this handsome Bird's-Nest Fern.
4-inch pots, 35c each; 5-inch pots, 60c each; 6-inch pots, $1.00 each.

HENRY A. DREER, Philadelphia, Pa.

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Price per box of 10,000, $1.50.

This quantity, in two packages, can be sent by mail to distant states for **75c.**
Box of 50,000 (weighs 30 lbs.) **$6.25** F. O. B., Berlin, N. Y.

FOR SALE BY THE LEADING SUPPLY DEALERS.

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BERLIN, N. Y.

A BUSINESS PROPOSITION.

All the talk of there being enough glass to supply the demand for cut flowers, particularly in the middle west, simmers down to a plain business proposition. One man of experience who had not previously owned his own place figured it out that by growing Beauties there were wages, interest on the investment and a good profit to be had. So last spring he put up a range covering 16,500 square feet. He used a little over 400 boxes of glass because he built high houses and spared no reasonable expense. The result was that his place stood him a little over $9,000, but he had room for some more houses and heating capacity to double his plant. He benched 8,000 Beauty plants. There are growers who talk about returns of $1.25 a plant, but this man's experience leads him to count on from 70 to 90 cents as the return in an ordinary season with $1 in an exceptionally successful year. At 70 cents it will give $5,600 for expenses and profit, and at 90 cents $7,200, which should make it a good business proposition. Interest on the money invested may be figured at $540. Expenses, of course, will vary with the severity of the winter. The net ought to pay for an addition to the glass next year which can be operated at little additional expense and will still further improve the investment for a careful, capable grower.



The Largest Stock of DECORATIVE PLANTS

in the West, if not in the whole United States, is in our two big ranges. We have been steadily increasing our facilities for growing **CLEAN, HEALTHY plants** and are very strong on some of the best selling items, including **KENTIAS, LATANIAS** and **ASPARAGUS.** We have gained the **confidence of the trade** by sending out nothing but **FIRST-CLASS STOCK** and do not propose that anything else shall ever go out of our place. Send us your order now, before cold weather necessitates shipping by express.

WHOLESALE PRICE LIST

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00		
" "	6	22-24	6-7	1.50		
" "	7	30-34	6	2.00		
" "	7	32-34	6	2.50		
" "	8	34-38	5	3.00		
" "	9	34-40	6	6.00		
" "	10	44-46	6-7	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00		
" " made up.	7	30-36		1.50		
" " single	7	32-36	5	2.00		
" " single	7	34-38		2.50		
" " made up.	8	42-48		3.00		
" " single	8	36-40	5	3.00		
" " single	10	58-64	6-7	8.00		
Areca Lutescens	4	14-16			3.00	
" "	5	20-26			5.00	
" "	6	26-30			9.00	
" "	7	32-36		1.00		
" "	8	34-38		2.50		
Latania Borbonica	2					5.00
" "	3					7.00
" "	4	12-14			1.50	12.00
" "	5	14-16	5-6		3.00	25.00
" "	6	16-18	5-6		6.00	45.00
" "	7	18-20	7-8		12.00	75.00
Phoenix Canariensis	4				2.50	20.00
" "	8			2.50		
" "	12	46-52		5.00		
Ficus Elastica	4	10-12			3.00	
" "	5	14-18		.50	4.00	
" " Branched	5				6.00	
" "	6				9.00	
" "	7			1.00		
Araucaria Excelsa	4	tiers	2-3		6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddeliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00		
" "	6			1.25		
" "	7			2.00		

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Pandanus Utilis	3				$2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					$4.00
" "	5				3.00	
" "	6				5.00	
" "	7				9.00	
Nephrolepis Piersoni	6				6.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50		
Adiantum Cuneatum	2					3.00
" "	3				1.00	8.00
" "	4				1.50	
" "	5				2.00	
Ferns for Dishes	2	fine assortment				3.00
" "	4				1.50	
Dracaena Indivisa	4				1.25	10.00
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangeana	5			1.00	12.00	
Dracaena Terminalis	4				3.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	
" "	5				2.50	
" "	6				4.00	
Asparagus Sprengeri	2					3.00
" "	3				.75	6.00
" "	4				1.50	10.00
" "	5				2 00	20.00
Asparagus Decumbens	2					4.00
" "	3				1.00	8.00
Asparagus Scandens	3				1 00	8.00
Fittonia Verschaffeltii	6	beautiful foliage plants			4.00	
Fittonia White	6	" " "			4.00	
Maranta Massangeana	6	" " "			4.00	
Maranta Lietzii	4	" " "			3.00	
Crotons	3	" " "			1.00	8.00
Crotons	4	" " "			3.00	
Poa Trivialis Var	3					6.00

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TO-BAK-INE

FUMIGATING POWDER.

This powder contains a definite amount of nicotine and will be found uniform at all times. Slow burning. Sure death to Aphis.

TO-BAK-INE FUMIGATING POWDER has kept down all signs of aphis in carnation and rose houses. It leaves no odor on the flowers and has not in the slightest hurt either flower or foliage on the roses, as does burning tobacco stems.—WILLIAM SCOTT, Buffalo.

TO-BAK-INE FUMIGATING POWDER killed the black fly on the chrysanthemums.—GEO. A. RACKHAM, Detroit.

50-lb. BAG, $1.50 100-lb. BAG, $3.00

Send for our booklet "WORDS OF WISDOM," by Leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

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NAMES OF FERNS.

I enclose the fronds of two ferns of which I should be glad to have you give me the names. F. J. U.

The Maidenhair fern frond is that of Adiantum gracillimum, a very beautiful member of the cuneatum group that was introduced about the year 1875. This fern comes true from spores, and is useful as a cut frond where delicate greenery is required, but is not largely grown commercially.

The second specimen is a frond of Nephrolepis davallioides furcans, a fern that makes an admirable specimen in an 8-inch or 10-inch pan, a strong-growing variety that may be well grown in company with the Boston fern, and one that finds a ready market with many growers and decorators.

W. H. TAPLIN.

KEEPING HARDY FERNS.

Will some of your readers kindly give the best method of keeping common hardy cut ferns all winter. J. M.

Pack the ferns in boxes of about 2,000, with fresh, damp sphagnum moss top and bottom and around the sides. Have some holes in the boxes. Put into cold storage at 28 degrees. L. B. BRAGUE.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $15.00
Strong, 3-inch.....per 100, 3.00 per 1000, 22.00

Express Prepaid at Above Prices. CASH.

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GET THE RIGHT ONES

White—Polly Rose, Willow Brook, Ivory, Niveus (Grand), Adula (Best Incurved), Eaton (Mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Money makers, every one of them. Any four for 25c; twenty for $1.00.

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25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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FUMIGATE WITH

"NICO-FUME" TOBACCO-PAPER INSECTICIDE.

SOMETHING NEW! A great improvement over all other Tobacco-Papers, or other methods of Fumigating.

SEE HOW EASY!

READ THIS LETTER:



For Sale by All Prominent Seedsmen.

Nico-Fume is packed in Special Friction-Top Tins, preventing loss of strength by evaporation.

PRICE:

24 sheets	75 cents
144 sheets	$3.50
288 sheets	6.50

Toronto, Oct. 15, 1904.

The two-gross can of Nico-Fume arrived O. K., and from trials made it is just what is wanted. I have been using other fumigating paper, but can now safely say we want none but Nico-Fume after the trials we have made of it, providing you maintain the strength, and I know from your reputation that you will. Please forward at once five two-gross cans.

JOHN H. DUNLOP.

MANUFACTURED BY THE KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, KY.

WRITE FOR FREE PAMPHLET. ALSO MFRS. "ROSE LEAF" TOBACCO EXTRACT.

FINE STOCK!

CHEAP, TO MAKE ROOM. Per 100

PIERSON FERN—2½-inch	$ 3.00
4-inch	10.00
5-inch	15.00
6-inch	20.00
BOSTON FERN—2½-inch	3.00
4-inch	8.00
5-inch	15.00
6-inch	18.00

Ferns are very fine and have been potted from bench.

ASPARAGUS PLUMOSUS—2½-in., $2.50 per 100; $20.00 per 1000.
ASPARAGUS SPRENGERI—2½-in., $2.00 per 100; $18 00 per 1000.
GERANIUM—Jean Viaud, 2½-in., $2.00 per 100.
COLEUS—Fine assortment in 15 varieties, 2½-in., $1.50 per 100.
ABUTILON—Fine, good sorts, 2½-in., $2.00 per 100.
REX BEGONIAS—Assorted, 2½-in., $3.00 per 100.
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IMPATIENS SULTANA—2½-in., $2.00 per 100.
SALVIA SPLENDENS—2½-in., $2.00 per 100.
AGERATUM—Three sorts, $2.00 per 100.
GERMAN IVY—$2.00 per 100.

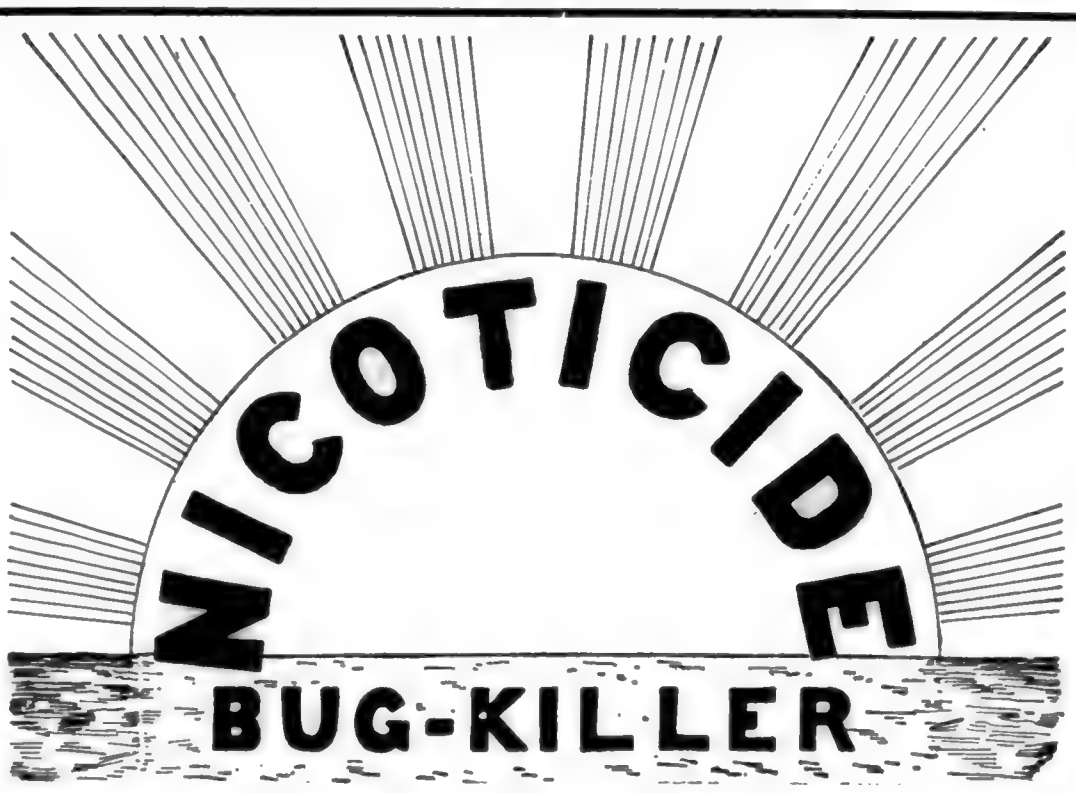
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SPRINGFIELD, O.
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BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

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Saves Blooms!

Spray 1c Gallon.

Best Fumigator.

Drop us a postal we will convince you.

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GREENHOUSE BUILDING MATERIAL

THEN YOU NEED

Our FREE CATALOGUE, mailed postage prepaid by us. Our Estimates and Sketches are FREE. Our work is guaranteed the very best, and is being used by the very best and most prominent Florists in the trade. Ask them, then write us.

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HAVE YOU USED THE

Perfect Flower Pot Handle and Hanger?

It is just the thing for you to display your plants by hanging them on walls, etc., especially when you are crowded for room. Also for lifting plants out of Jardinieres; will sustain a weight of **one hundred pounds.**

No. 1 will fit from 2 to 5-inch pots..... per doz., 30c
No. 2 will fit from 5 to 8-inch pots..... " 40c
No. 3 will fit from 8 to 12-inch pots..... " 50c
By mail, 10c extra per doz. Sample pair 10c, postpaid.

W. C. KRICK, 1287 Broadway, Brooklyn, N. Y.

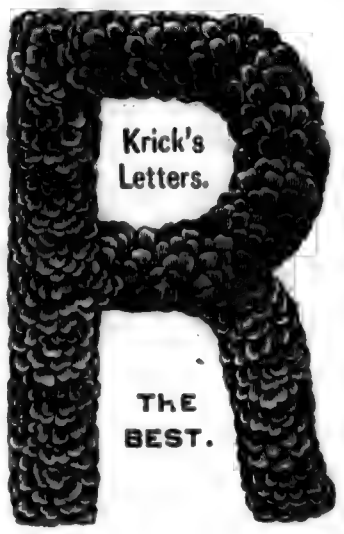
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Highest Awards Wherever Exhibited.

These Letters and Designs are made of the best Immortelles, wired on wooden frames, having holes drilled in them to insert tooth-picks by which they are fastened in the design.

Give them a trial. You will find these Letters to be **superior to any in the market.**

1½-inch Letters and Figures..... per 100, $2.50
2-inch Letters and Figures..... " 2.50
2½-inch Letters..... " 3.00
Add 10c per 100 on 2 and 2½-inch Letters if by mail.



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ASTERS IN ENGLAND.

Annual asters have of late years acquired so high a degree of popularity in the markets as to induce cultivators for commercial purposes to largely extend the area devoted to them. It is estimated that upwards of 5,000 acres have this year been devoted to their cultivation for the production of blooms for sale in a cut state. They have been largely cultivated by growers in touch with the seaside towns, where their flowers find a ready sale during the late summer months at remunerative rates. The colors most popular are white, pink and purple, and the bold, loosely arranged blooms of the Comet varieties meet with more favor for decorations than those of a more formal shape, but for the making of funeral crosses and wreaths the flowers of the white and purple varieties of the Victoria type are the most largely used.—Gardeners' Magazine.

GREENHOUSE GLASS

Both SINGLE and DOUBLE at the LOWEST PRICES.
GLASS GUARANTEED. Ask for prices and references.

DURHAMVILLE GLASS MFG. CO., DURHAMVILLE, N. Y.

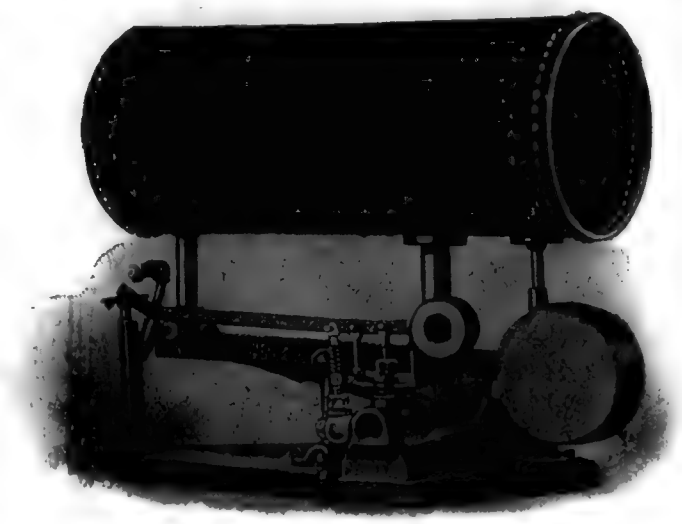
You may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper.—G. M. Naumann, Cleveland, O.

ANCHOR
Greenhouse Hose

MINERALIZED RUBBER CO.
NEW YORK.

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It Stands Alone!



THE MOREHEAD RETURN TRAP is the only mechanism which insures an absolutely perfect circulation in greenhouse heating coils. : : : : : : : : : :
The saving in fuel during the first winter it is used more than pays for the cost of installing Trap—and the saving goes right on year after year. .· ·. .· ·. .· ·. .·

THE GEO. WITTBOLD CO., CHICAGO, SAY:

"Regarding the Morehead Return Trap recently sold us, we wish to say it is doing its work so well, and we feel so grateful in having found an apparatus that returns the condensation to our steam boiler without any attention on the part of fireman or engineer, that we gladly offer our name as reference to our fellow florists who are in need of an apparatus of this kind. We hope many will avail themselves of the apparatus."
Repeat orders from the Wittbold Co. bear testimony to their continued satisfaction.

THE DETROIT (MICH.) FLORAL CO. WRITE:

"The Morehead Steam Trap we are using for returning condensation to boiler has proved a success in every way, the saving in fuel paying the cost of the trap in a very short time. It can be seen working at our place at any time by anyone wishing to do so. We are getting a great deal more heat from our pipes now than we did before using it."

GEO. REINBERG, CHICAGO, STATES HIS EXPERIENCE AS FOLLOWS:

"I am in receipt of the No. 1 Morehead Return Trap. This makes two traps I have bought from you—both give elagent satisfaction. Your trap takes care of the condensation without giving it any attention, whatsoever. A steam system with your trap is the same as a hot water system where no pumps or traps are needed.'

Peter Reinberg's opinion of the Trap will be found on page 1119 of the October 27th issue of the Review. If you did not read it, it will pay you to look it up.

IT WON'T COST YOU ANYTHING TO GET OUR CATALOGUE AND INVESTIGATE THE MERITS OF THIS DEVICE. : : :

American Blower Company

DETROIT, MICH.

1550 Marquette Bldg., CHICAGO. 141 Broadway, NEW YORK

The Syphon Refrigerator

(Bohn Patent.)

For Florists

We have Hundreds of Testimonials as strong as the following:

Minneapolis, Minn., January, 5, 1901.
White Enamel Refrigerator Co.,
St. Paul, Minn.

Dear Sir:—The refrigerator you built for us recently is proving entirely satisfactory. It maintains a very uniform temperature of 42 degrees, and flowers keep in it well.

We find it well constructed and a highly attractive ornament to our store.

Yours very respectfully,
E. Nagel & Co.

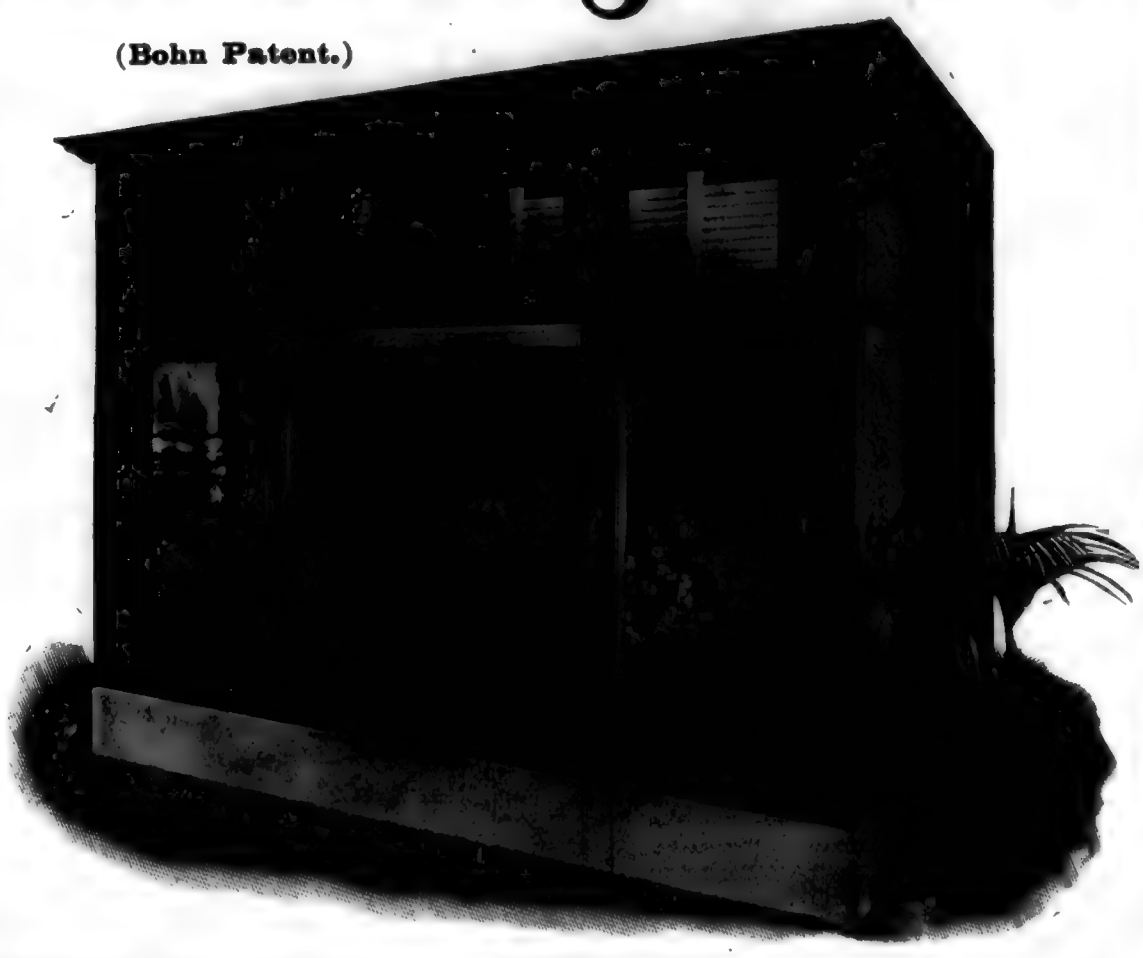
St. Paul, Minn., December 8, 1898.
White Enamel Refrigerator Co.,
St. Paul, Minn.

Dear Sir:—Since using your ice case in our retail flower department we have saved 30 per cent in the consumption of ice. Our saving in flowers we cannot accurately determine, but should estimate conservatively 25 per cent. Not only this, flowers keep with us as they never did before, and retain their salable appearance longer. Your box is certainly a boon to the florist and we predict a wonderful sale on them, especially to the florists, when their qualifications become known.

Yours truly,
L. L. May & Co.

Write for catalogue, Dept. No. 36.

MANUFACTURED BY



THE WHITE ENAMEL REFRIGERATOR CO., ST. PAUL, MINN.

STYLE "H"
Built for E. Nagel & Co., Minneapolis.

Built for Lincoln I. Neff, Pittsburg, Pa.

CADILLAC, MICH.

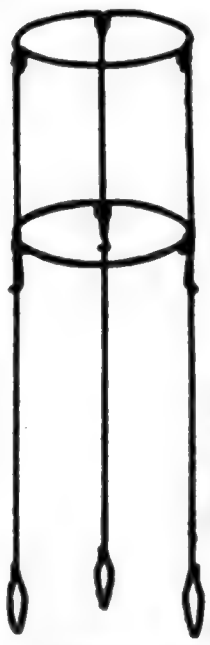
Kleinhans & Mason are breaking ground for an addition to their plant to be completed by early spring, for rose growing. They already have 4,500 feet of glass, with the stock looking very good, and are producing carnations and other stock for a rapidly increasing demand. They will also force some lettuce this winter and grow a large stock of vegetable plants for spring sales. Their location is a good one for a business in hardy plants and they expect to develop this feature in the near future. When building last spring they provided heating facilities for considerable more glass.

READING, PA.

H. J. Huesman & Son, of the Brookside cut flower store, are getting in some fine mums. They are doing a very fine trade, much funeral work and many orders for shipment as far west as Pittsburg. They have to go outside of town for much of their stock. They have several times had at one shipment 1,000 Brides, 1,000 valley, 1,500 carnations, 1,000 violets and a big lot of mums from the Philadelphia Cut Flower Co.

Hoskins & Giles are also doing a large trade this fall, including decorations for a number of fashionable weddings. They are cutting a large number of very fine mums.

Am very much pleased with the results of the advertisement; at present have no stock to offer.—Wm. A. Finger, Hicksville, L. I., N. Y.



...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

IGOE BROS.

228 N. 9th St., Brooklyn, N. Y.

PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

ASPARAGUS Plumosus Nanus Seedlings

Strong plants, ready for 2-in. pots, $12.00 per 1000; ready for 3-in., $2.00 per 100 prepaid.

DRAKE POINT GREENHOUSES

YALAHA, FLA.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

S. A. Nutt, Mme. Landry, Alphonse Ricard, Mme. Charrotte, Mme. Canovas, Jean Viaud, Granville, (single), La Favorite, John Doyle, Double Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Glorie de France, Mme. Barney.

$2.00 per 100; $17.50 per 1000.

	Per 100	1000
Alternanthera, red and yellow, in variety	$2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Picus, 4-in. pots, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Plumbago, blue and white, 3 in. pots	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

We are booking orders now for Fall delivery. First-class collection. List and prices sent on application. Send for trade price list.

We have about 5000 roots that have become mixed which we are offering at $4.00 per 100; $35.00 per 1000.

CASH WITH ORDER.

R. Vincent, Jr. & Son

WHITE MARSH, MD.

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SUPERIOR IN CONSTRUCTION INSULATION AND SERVICE RENDERED

IN STOCK READY FOR IMMEDIATE SHIPMENT



Style No. 610.
Also other Sizes and Styles carried in stock.

ECONOMICAL IN THE USE OF ICE. SCIENTIFICALLY BUILT

86 INCHES WIDE; 30 INCHES DEEP; 74 INCHES HIGH

SPECIAL DESIGNS BUILT TO ORDER
(Write at once for Florists' Catalogue No. 70.)

McCray Refrigerators are Built in All Styles and Sizes for Any Purpose

McCRAY REFRIGERATOR CO.
373 Mill Street, KENDALLVILLE, IND.

BRANCH OFFICES AND SALESROOMS—Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 308 Fourth Ave.; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Building; Boston, 52 Commercial St.; Columbus, O., 356 N. High St.; Cleveland, O., 390 The Arcade.
Address Main Office, unless you reside in one of above named cities.

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302 DEARBORN STREET, CHICAGO

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues Our Specialty. Get our figures.
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PEERLESS SULPHUR BLOWER.
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
McMORRAN & CO., 15-21 N. Clinton St., CHICAGO. ILL.

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To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what

THE FLORISTS' MANUAL, By WILLIAM SCOTT,

keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

FLORISTS' PUBLISHING CO., 520-535 Caxton Bldg., CHICAGO.

WOOD ASHES.

This is practically the only American source of potash that is abundant enough to be of any commercial importance as a fertilizer, and this supply is now so limited as to restrict their use. Potash in wood ashes is in the most valuable form of the carbonate. Wood ashes, besides furnishing about five per cent potash, also contain one to two per cent of phosphoric acid and thirty to thirty-five per cent of lime, which are also valuable as fertilizers. The quality of ashes varies considerably with the kind of wood used to produce them and the care with which they are preserved. The difference in quality is so great without any change in appearance that the only safe way to purchase is upon guaranteed analysis.

Good wood ashes which have not been exposed to the weather or otherwise wet, such as may be described as house ashes, weigh about forty-eight pounds to the bushel and carry about eight per cent potash and two per cent phosphoric acid. Canada unleached wood ashes as sold by the carload are rated at forty-five pounds to the bushel and run from four to six per cent of potash and about one per cent phosphoric acid. Leached or weathered ashes are much less valuable, as they contain only one or two per cent potash.

H. J. Patterson.

SPARTANBURG, S. C.

Chas. A. Moss, the only florist in this city, had a large wedding decoration on October 20, using 1,500 chrysanthemums, 700 carnations, 300 tea roses, fifty Beauties, 600 valley, fifty cattleyas, fifty strings of smilax and ten cases of southern wild smilax. It was the finest job ever seen in this section of the country. He had the church and house. Mr. Moss has about 7,000 feet of glass and grows quite a good deal of outdoor stuff. Mrs. Moss is his assistant and a good one. O. A. C. Oehmler, from Washington, was down to assist on the wedding job and took a stroll through the cotton fields. He predicts a great future for Mr. Moss. There has been no rain in this section for nine weeks.

I would say that many of the articles in the Review are of great value to me and I would not feel that I could do without it were the subscription price thrice what it is.—A. E. Kennedy, Algona, Ia.

KRAMER'S POT HANGERS.



Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

I. N. Kramer & Son

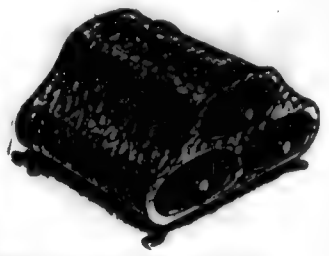
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PROTECTION!!!

of your plants from freezing. This can only be done by using a celebrated



LEHMAN WAGON HEATER

250 000 are in use by **Florists**, horsemen, doctors and farmers. They burn **Lehman Coal** (from which there is no smoke or danger), at a cost of less than ½c per hour. Can you afford to be without one?

Beware of imitations. For circular and price list write

LEHMAN BROS. MANUFACTURERS, 10 Bond Street. NEW YORK.

J. W. ERRINGER, General Western Sales Agent, 45 E. Congress St., CHICAGO, ILL.

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Composition Posts, (Patent applied for.) **12c per foot.**

Composition Gutters, (Patented.) **35c per foot.**

Freight paid where it does not exceed 30c per 100 lbs.

THEY ARE INDESTRUCTIBLE.
THEY WILL NOT ROT OR RUST.
YOU CAN DRIVE NAILS IN THEM.

These Posts and Gutters combine all the good qualities of iron and wood.

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Pat. Sept. 18, 1900.



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....USE OUR....

Patent Iron Bench Fittings and Roof Supports.

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WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable** To try them once is to use them always.

Size No. 0	3x4 x2	$2.00	per 100;	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2.00	"	19.00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
" No. 6	4x8x28	3.75	"	36.00	"
" No. 7	6x16x20	6.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67.00	"
" No. 11	3½x5x30	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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Box 104.

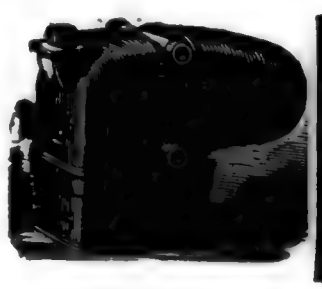
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SEND FOUR CENTS FOR CATALOGUE

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New 60 in. x 16 ft. Horizontal Tubular Boiler,
with Front and all Castings complete.

Also second hand—two 42 in. x 14 ft. Tubular Boilers; one 54 in. x 14 ft. and one 54 in. x 16 ft. Tubular Boilers, all Castings complete, etc.; two Dewey Water Tube Boilers, complete for hot water, and several other sizes second hand boilers.

Also full stock of SECOND HAND 4-inch FLUES for Piping Systems.

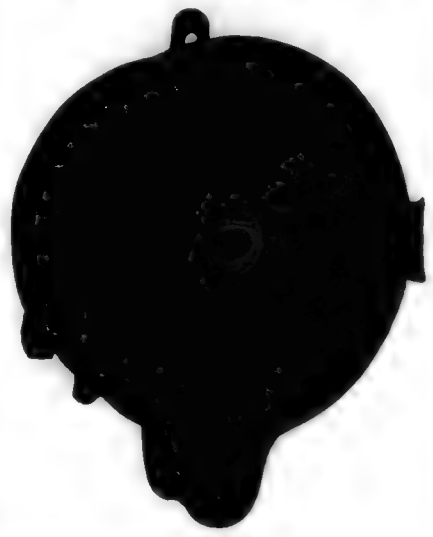
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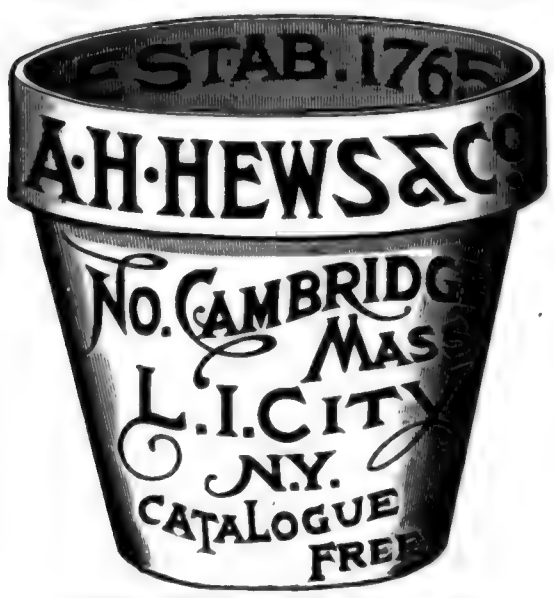
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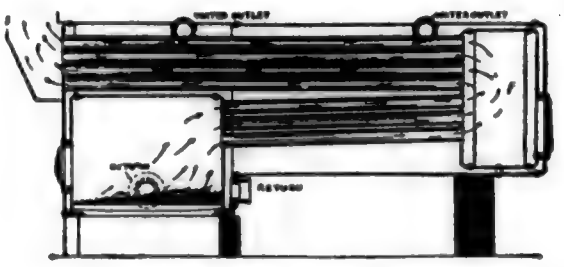
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Read what our customers say about them:

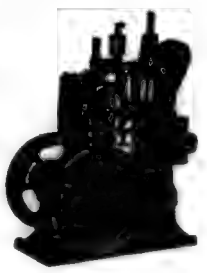


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"Superior to any Hot Water Boiler we have ever used. You certainly have placed the right name to your Boilers; no effort at all to keep the temperature at desired points when zero weather comes. Night after night the past severe winter weather gave your Boiler a good test. We are more than pleased with the Superior Boiler." Yours truly, Treanor & Rettic.

Send for Catalogue and Price List.
Made only by the
SUPERIOR MACHINE & BOILER WORKS
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Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
CLEVELAND, - OHIO.



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High - Grade BOILERS
Get our Catalogue **For GREENHOUSES**
STEAM AND HOT WATER.
GIBLIN & CO., Utica, N. Y.

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Dealers in all kinds of
HEMLOCK and PINE
..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.
ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.

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TEL. NORTH 1626 AND 1627.
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New Roof Construction, Automatic Stokers, Water Tube Steam Boiler, Automatic and Hand Ventilators.
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SKINNER'S IRRIGATION SYSTEM
Circulars free.
C. W. SKINNER, TROY, OHIO.

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PAINT ON GLASS.

What is the best material to take paint off glass? I want to clean the north side of a fern house, white lead paint that has been on all summer.

C. U.

Put two tablespoonfuls of lye (potash) in an ordinary pail of water. Tie a a bunch of rags on the end of a pole and saturate with the solution. Rub the rags on the glass and it will loosen the paint. You should have a helper with a good stream of water from a hose to wash the glass clean as quickly as the paint is loosened. Next time you wish to shade don't use oil with the lead. Use white lead and naphtha. If you wish the shade densely mix it thickly. If only a light shade is desired, then use less lead and more naphtha. W. S.

MR. VANDERLIP'S FORECAST.

Frank A. Vanderlip, vice-president of the National City bank, of New York, made an interesting forecast of business conditions in an address before the Illinois Bankers' Association at St. Louis the other day.

He made his reputation as a prophet two years ago in an address to the bankers at Wilmington. Then he deplored the financial extravagance and overcapitalization, and foretold a bursting of the bubble. It was a note of warning, and the country had good occasion to recall his words soon afterwards.

In his speech of last week Mr. Vanderlip sounded no similar warning. He sees in the industrial and financial conditions of today only the prospects of continued improvement and another period of trade expansion. He showed the increase in the total wealth of the country, the stock of money, the mineral and agricultural products, the steel output, and the staggering increase in the export trade, which, as he said, "made economists seriously to consider what was to happen to the rest of the industrial world if this march of progress went on." It is to be hoped that Mr. Vanderlip will continue to live up to his reputation as an accurate financial prophet.

NEW HAVEN, CONN.—The store at 974 Chapel street is being remodeled and a conservatory added in the rear prior to the occupancy of Chas. Munro.

WILKS GREENHOUSE HEATERS.

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO Night Fireman Required.

Can be used with either Hard or Soft Coal.

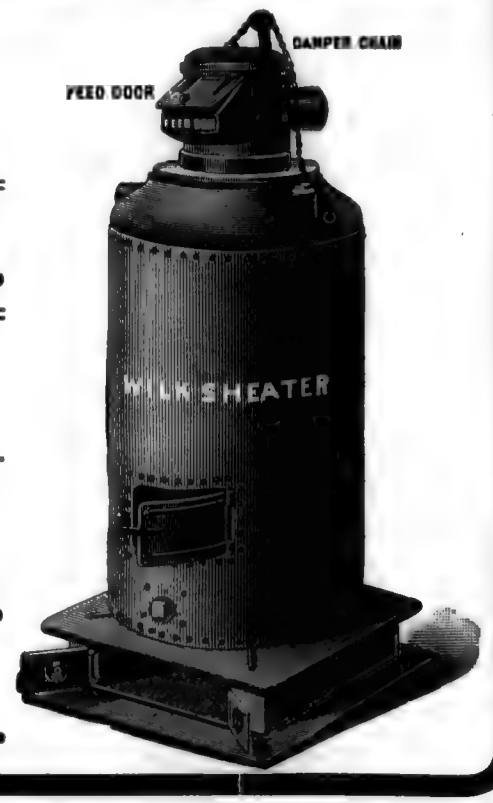
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All strong and good.

First cost is the determining factor in your choice.

FOR FULL PARTICULARS READ OUR CATALOGUE.

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FLORENCE Steam or Water Boiler

THE HEATER THAT HEATS.

The one that HOLDS A WATER LINE.

Columbia Heating Co.

40 Dearborn St., CHICAGO.

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FROM $3.50 TO $20.00

For FINE MISTING, SPRAYING, APPLYING INSECTICIDE, WHITEWASHING, etc.

Send for catalogue.

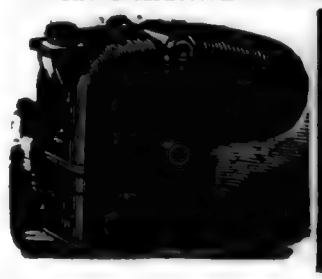
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439 to 449 E. First St., DAYTON, O.

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Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail, for the past 17 years. For particulars address John G. Esler, Sec'y., Saddle River, N. J.

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PIPES, FITTINGS AND VENTILATING APPARATUS

Send Four Cents for Catalogue. GREENHOUSE BUILDING

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FOR SALE.

BOILERS Second-hand greenhouse boilers, guaranteed. Send for prices, stating size wanted.

PUMPS Rider-Ericsson. Second-hand, from $45.00 up; all repairs; other makes; new; cheap.

PIPE New 2-in. full lengths, with coupling, 8¼ cts. a foot. Good serviceable second-hand, 2-in., 6¼ cts.; 1½-in. 5¼ cts.; 1¼-in., 3¾ cts.; 1-in., 3 cts.; ¾-in., 2¼ cts. New and old fittings and valves.

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GARDEN HOSE New. ¾-in., guaranteed 100-lbs. pressure, 7½ cts. per ft.; ¾-in., not guaranteed, 4¾ cts. per ft.

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Get our prices on **New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.**

Reference—Bradstreet's, Dunn's or Broadway Bank of Brooklyn.

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Used by successful growers everywhere.
"THE MODEL" GLAZING TACK.
Especially adapted for greenhouses.

The Parker-Bruen Mfg. Co., Inc.

Florists' Specialties. | 206-8 JERSEY STREET, HARRISON, N. J. Write for booklet "F."

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North Tonawanda, N. Y.

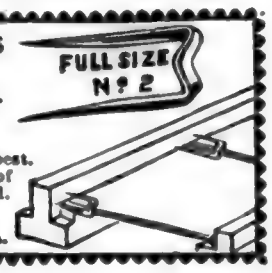
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French and American.
"WHITE ROSE" Brand.
2 Hudson Street.....NEW YORK.
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PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DREER, 714 Chestnut St., Phila., Pa.





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Adopted by leading growers because of the many manifest advantages.
HOTBED SASH, Catalogue, plans and estimates free on application.
La. Cypress and Wash. Red Cedar Greenhouse Material
A. DIETSCH CO., Patentee, 615-21 Sheffield Ave., **CHICAGO.**

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JOBBERS AND MANUFACTURERS OF **WINDOW GLASS.**

GREENHOUSE GLASS a Specialty.

205 RANDOLPH STREET, CHICAGO, ILL.

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Window Glass
Ground and Chipped Glass.

Direct Western Union Wires. Long Distance Telephone.

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WHY NOT BUY
RED POTS
OF US?
STANDARD SIZE
Quality—No Better.
Florists getting in their winter supplies will find it to their advantage to write us. Catalog free.
Syracuse Pottery Co.
Syracuse, N. Y.
BEST POT in the MARKET.

Mention The Review when you write.



The Standard Ventilating Machinery
The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.
The New Duplex Gutter
Over six miles in use and highly recommended by all. The only **Drip Proof** gutter on the market.
The Standard Return Steam Trap
It has no equals for simplicity or its working. Catalogue free.
E. HIPPARD, Youngstown, Ohio.

Mention The Review when you write.

SIEBERT'S ZINC Never Rust Glazing Points
ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ¾. 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.
CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

Mention The Review when you write.

MASTICA

FOR Greenhouse Glazing
USE IT NOW.
F. O. PIERCE CO.
170 Fulton St., NEW YORK



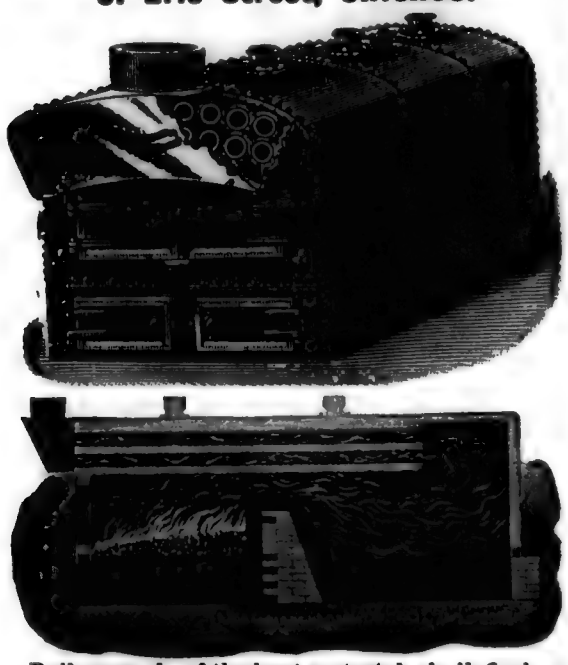
Always mention the Florists' Review when writing advertisers.

Kroeschell Bros. Co.

IMPROVED

Greenhouse Boiler,

81 Erie Street, CHICAGO.



Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around, front, sides and back. Write for information.

Mention The Review when you write.

50 per cent. SAVED in your Fuel Bill by Using "ECLIPSE" or "INVINCIBLE"

Steel HEATING BOILERS.



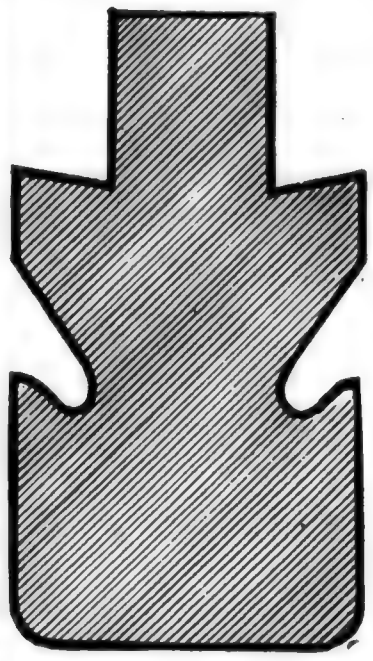
Internally fired, easily accessible. No brick work to absorb heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the **best flange steel.** No boilers on the market so readily and easily cleaned. Let us hear from you today. All sizes in stock.

Send for catalog.

BURNS BOILER & MFG. CO.,

Established 1863. **WEST DePERE, WIS**

Minneapolis Office, 321 N. Y. Life Bldg.



A GOOD TIME TO BUY

Gulf Cypress Greenhouse Material

Is the present time.

If you want the best quality send us your orders.

Our wood work is well finished by special machinery, is air-dried, free from imperfections and durable.

Write to our New York Office for circular and prices. Mail ten cents in stamps for our Greenhouse Construction and Heating Catalogues, 5c each for postage.

LORD & BURNHAM COMPANY

New York Office: 1133 BROADWAY

General Office and Works: IRVINGTON-ON-HUDSON, N. Y

Mention The Review when you write.



WE MANUFACTURE EVERY TYPE OF GREENHOUSE FOR COMMERCIAL AND PRIVATE PURPOSES.

Galvanized Steel Patent "U" Bar Greenhouses.
Flat Rafter Iron-Framed and Red Gulf Cypress Greenhouses.
Ventilating Apparatus, Hotbed Sash and Frames, Benches, Putty.
PIERSON BOILERS FOR WATER AND STEAM.
Pipe Fittings, Valves and everything for Greenhouse Heating.

The Pierson-Sefton Company, West Side Ave. South, **Jersey City, N. J.**

Structures erected complete or material furnished with plans ready for erection.

Mention The Review when you write.

NOW IS THE TIME TO BUY

GREENHOUSE GLASS. We have an over stock of the following in First-Class Double Strength: Write us for **SPECIAL PRICES**

40	boxes	8x10	50	boxes	10x18	25	boxes	12x18	35 boxes 14x18	200 boxes 16x18
11	"	12	25	"	24	40	"	24	40 " 20	50 " 20
200	"	10x12	25	"	12x12	20	"	25	20 " 24	200 " 24
25	"	14	25	"	14	100	"	14x16	100 " 16x16	

Sharp, Partridge & Co. 22d St. and Union Place, **Chicago**

Mention The Review when you write.

JOHN A. SCOLLAY,

Greenhouse Heating, Ventilating Apparatus. **Hot Water and Steam Boilers.**

JOHN A. SCOLLAY,

74-78 Myrtle Ave., Brooklyn, N. Y.

Always Mention the....

Florists' Review

When Writing Advertisers.



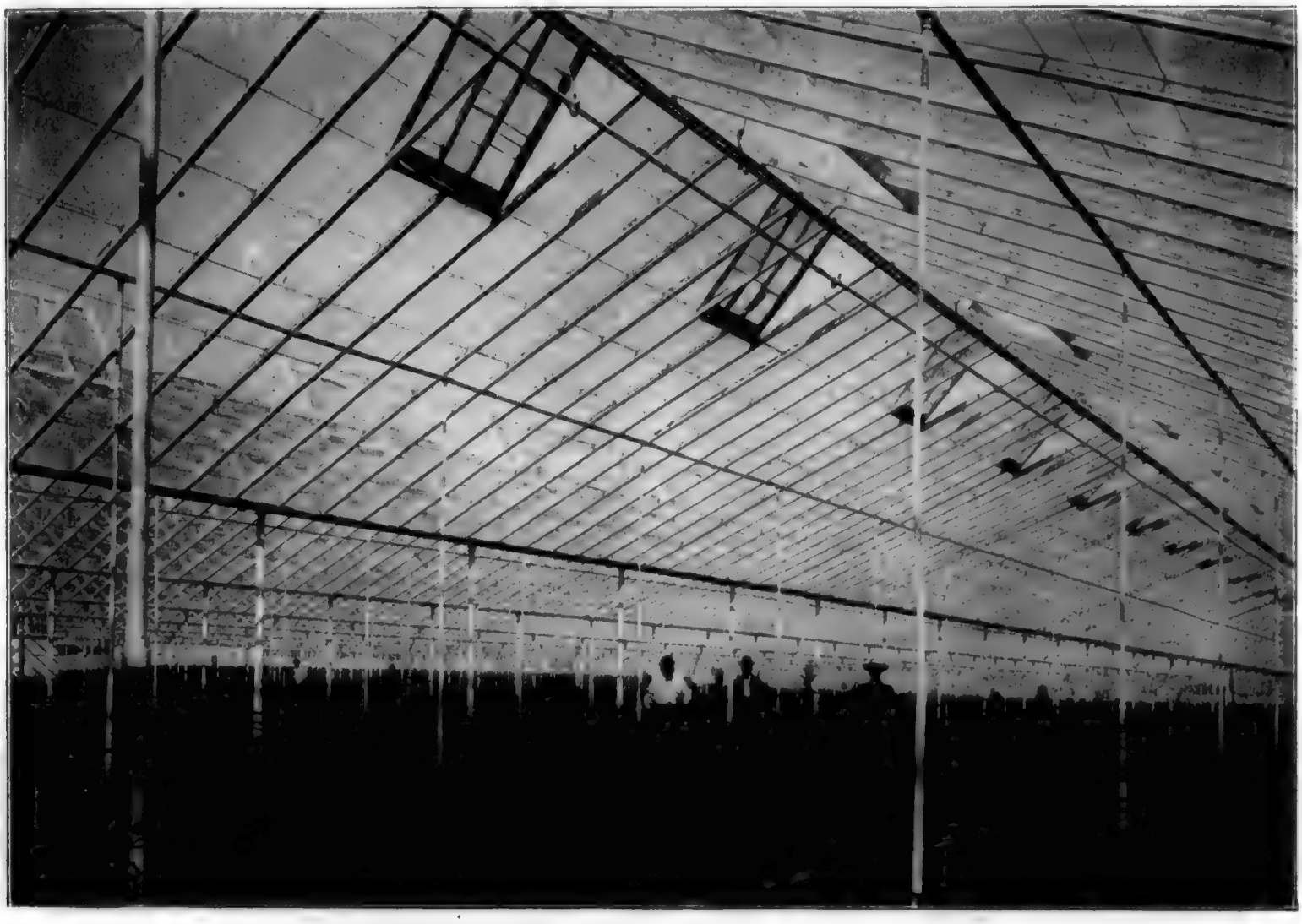
HITCHINGS & CO.

MERCER ST. NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

Mention The Review when you write.



Interior of Peter Reinberg's Range Built in 1904 for Beauties.

Forty Miles OF Garland Gutters ARE NOW IN USE.

THIS SHOULD MAKE YOU THINK.

**Men who know a good thing when they see it,
And are quick to take advantage of it,
Are generally successful.**

MR. REINBERG

rebuilt sixteen houses this year, making a total of

16,000 FEET OF

GARLAND GUTTERS

NOW IN USE AT THIS PLACE.

Angle Iron Purlins at the right price.

GEO. M. GARLAND CO.

DES PLAINES, ILL.

About "BURNHAM" Boilers

Messrs Lord & Burnham,

Gentlemen.—

I wish you would put in two of your largest boilers to accomadate the additional range of glass you have just built for us
The Burnham Boilers we had in before gave entire satisfaction for the old range.
I particularly noticed what quick circulation we got, and I must say they are very easy to clean out and I consider them the most economical boiler I have ever used during my twenty-five years experience.

Yours truly,
Thomas McLeod
Supt: for Mrs. Stanley
Groton.
Conn.

Write to-day to our New York Office for our Greenhouse Heating and Ventilating Catalogue enclosing five cents for postage, also sending same amount of postage for our Greenhouse Construction Catalogue.

LORD & BURNHAM CO.

NEW YORK OFFICE,
ST. JAMES BLDG., 1133 BROADWAY.

GENERAL OFFICE AND WORKS,
IRVINGTON-ON-HUDSON, N. Y.

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. XIV. CHICAGO AND NEW YORK, NOVEMBER 17, 1904. No. 364.

We offer the finest quality **LILIUM HARRISII** for immediate shipment.

No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

		Per 100	Per 1000
Bulbs 6 to 7 in. in circumference,	350 to the case,	$4.50	$40.00
Bulbs 7 to 9 "	" 200 "	8.00	75.00
Bulbs 9 to 11 "	" 100 "	16.00	150.00

For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Asparagus Seeds

75c a hundred; $6.00 a thousand.
5000 for $25.00.

WM. F. KASTING,
WHOLESALE FLORIST,
383-387 Ellicott St., BUFFALO, N. Y.

AMERICAN BEAUTIES

FIRST PRIZE At the Pennsylvania Horticultural Society's Annual Exhibition last week was awarded to JOHN BURTON, (Queen Street Place), for 25 blooms. The entire cut of the place is handled by

THE LEO NIESSEN CO., 1217 Arch St., Philadelphia

FIANCEE

THE $10,000 BEAUTY.

Come and see this wonder growing and be convinced it is in a class by itself. ROOTED CUTTINGS, $12.00 per 100; $100.00 per 1000; 250 at 1000 rate. Write for prices on larger quantities.

Chicago Carnation Co., -- Joliet, Ill.

HERE ARE.. **4 EARLY MUMS** AS BIG AS THE BEST MIDSEASONS

Clementine Touset,	the Early Chadwick Scored October 8th	90 Points
Reveil de Begles, -	Commercial Yellow. Scored October 15th	90 Points
Roi d' Italie,	Big, Compact, Incurving Yellow. Scored October 22d	89 Points
Merstham Yellow,	An Enormous Reflex. Scored October 1st	90 points

All at 50c each, $5.00 per dozen; $35.00 per 100, for Early Delivery in 1905.

Out of 85 September flowering sorts we have selected a set of 12 for $3.00, ready in Feb., 1905. These are a beautiful lot, including "Polly," Jason, Parisiana, etc. All fine companions for the beautiful variety, "Carrie." We have also stools of the famous Wells-Pockett set, Duckham, McLeod, Etherington, Filkins, Fitzroy and the rest at $3.00 per dozen stools, one of a kind if desired.

THE E. G. HILL CO., RICHMOND, IND.

Holly and Green

CHRISTMAS TREES

Special attractive prices on early orders. SEND US A LIST TO FIGURE ON. Arrived and Ready for Delivery

LILY OF THE VALLEY PIPS

	Per 1,000	In lots of 2,500
Extra Selected	$14.00	$13.00
Berlin Pips, extra early	11.00	10.00
Hamburg Pips, selected	10.00	9.50

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

Chrysanthemums

MAJESTIC

..WAS THE..

Best 100 White

..AT THE GREAT..

World's Fair Flower Show

St. Louis, November 7 to 12.

ADELIA, A Companion to the above. **MADONA,** A fine pink, one you will hear about.

CARNATIONS

White Lawson

The best White Carnation at St. Louis. Won out over all other Whites.

FLAMINGO

The best Scarlet at St. Louis. Won out over all other Scarlets.

We can supply you early delivery of the above. Write us for prices and book orders at once.

KEEP YOUR EYE ON OUR NEW ROSE, LA DETROIT.

JOHN BREITMEYER'S SONS,

Miami and Gratiot Aves., Detroit, Mich.

HAVE YOU TAKEN NOTE OF THE WAY THE STOCK FROM

POEHLMANN

SWEPT THE DECK AT ST. LOUIS?

Here is our record at the Great World's Fair Flower Show, where the entries numbered from six to ten in almost every class, including entries from the best Cut Flower growers in the United States:

ROSES

SIX ENTRIES——SIX PREMIUMS.

1st ON.....100 AMERICAN BEAUTIES
1st ON.....100 BRIDESMAID
1st ON.....100 BRIDE
1st ON.....100 GOLDEN GATE
1st ON.....COLLECTION 8 VARIETIES
2d ON.....100 CHATENAY

CARNATIONS

SIX ENTRIES——FOUR PREMIUMS.

1st ON 50 DEEP PINK.....LAWSON
2d ON 100 DEEP PINK.....LAWSON
2d ON 100 LIGHT PINK.....ENCHANTRESS
3d ON 50 LIGHT PINK.....ENCHANTRESS

We entered Wolcott for 50 white and 100 white. The judges preferred White Lawson, The Belle and Lady Bountiful. We grow all these, also.

FLORAL ARRANGEMENTS

We supplied the stock for

FIVE ENTRIES——FIVE PREMIUMS.

1st on vase of 100 mums for effect, WHITE BONNAFFON
Arranged by F. C. Weber, St. Louis.
1st on Basket of Roses.....MME. CHATENAY
Arranged by F. C. Weber, St. Louis.
1st on Basket of Carnations.....MRS. LAWSON
Arranged by W. L. Rock, Kansas City.
1st on Table Decoration.....CHATENAY ROSES
Arranged by Fred H. Rowe, Joliet, Ill.
2d on Vase of 100, arranged for effect.....BEAUTIES
Arranged by F. C. Weber, St. Louis.

If you want the best stock the market affords, now you know where to get it.

Let us have your standing order and supply your **Special Needs for Thanksgiving**

CHICAGO MARKET PRICES.

POEHLMANN BROS. CO.

35-37 Randolph Street

Long Distance Telephone Central 3573.

CHICAGO

GREENHOUSES: MORTON GROVE, ILL. 600,000 FEET OF GLASS.

MUM NOVELTIES!

PRIZE WINNERS AT THE BOSTON CONVENTION : : : **Mrs. W. DUCKHAM,** A Lovely Yellow

THE WINNER THIS YEAR OF THE C. S. A. SILVER CUP.

John H. Doyle, Lady Cranston, Mrs. D. V. West,
Emily Mileham, Mrs. A. J. Miller, Albert Chandler,
Mrs. H. A. Allen, Valerie Greenham, and John Fraser

were all shown in the winning 25, and the Wells Gold Medal Set, the sensation of the Boston Show. Also Merstham Yellow and White Coombes, two crack commercial kinds.

Send for our Catalogue issued about November 20th.

CHARLES H. TOTTY

MADISON, NEW JERSEY

Mention The Review when you write.

C. W. McKELLAR

HEADQUARTERS FOR **Long Distance Phone, Central 3598**

51 Wabash Avenue, CHICAGO.



ORCHIDS and all Fancy Flowers ..and.. Decorative Stock

For Thanksgiving

Thanksgiving Price List takes effect Monday, November 21st.

ORCHIDS, a specialty	Per doz.
Cattleyas	$6.00 to $7.00
Dendrobium Formosum	4.00 to 5.00
Ass't Orchids, per box	5.00 to 25.00
Beauties, Extra Fancy	5.00 to 6.00
" 24 to 36-in. stems	3.00 to 4.00
" 15 to 24-in. stems	2.00 to 2.50
" 8 to 12-in. stems	1.00 to 1.50
Short stems	.50 to .75
	Per 100
Brides, Maids, Kaiserin	$4.00 to $8.00
Liberty, Chatenay, Ivory	$4.00 to $8.00
Perles, Sunrise, Gates	4.00 to 8.00
Roses, my selection	5.00 to 6.00
Carnations, large fancy	3.00 to 4.00
" medium, good stock	2.00 to 2.50
Valley, select	3.00 to 4.00
Chrysanthemums, fancy	15.00 to 25.00
" good grade	10.00 to 12.50
Small Mums	5.00 to 8.00
Violets	.75 to 1.50
	Per 100
Callas	$12.50 to $15.00
Harrisii	15.00 to 18.00
Greens, Smilax Strings, per doz.	1.50
Asparagus strings, each	.40 to .50
" Plumosus, Sprengeri, bunch	.25
Adiantum	1.00 to 1.25
Ferns, common, per 1000	1.50
Galax, Green, Bronze, "	1.50
Leucothoe Sprays	.75
Wild Smilax, per case, $3, $4, $5, $6	

Early orders requested. All telegraph and telephone orders given best possible attention. All flowers in season. Prices subject to change without notice.

FIANCEE

SWEEPS THE BOARDS AT THE

WORLD'S FAIR FLOWER SHOW

HEAD AND SHOULDERS ABOVE EVERYTHING ELSE AND IN A CLASS BY ITSELF IS THE GENERAL VERDICT.

Wins Sweepstakes for 100 Carnations, any color.
Wins World's Fair Cup for 50 Carnations, any color.
Wins First Prize for best 50 Carnations, light pink.
Wins Certificate of Merit for 25 Carnations.

WE EXHIBITED A SEPARATE VASE OF BLOOMS FOR EACH AWARD.

The best, the most noted and critical growers in America who visit our greenhouses

Take off Their Hats to Fiancee

and exclaim, "The finest sight I ever saw in my life," and place their order for twice as many cuttings than they have ever ordered of a new carnation heretofore.

IT'S FREE! IT'S HEALTHY! IT'S EASY TO GROW!

Place your order now before it is too late.

FIRST COME——FIRST SERVED.

Rooted Cuttings—$12.00 per 100, $100.00 per 1000; 2500 at $95.00 per 1000; 5000 at $90.00 per 1000; 10,000 at $80.00 per 1000.

NOTE—Fiancee kept the best of any carnation in the show.

Chicago Carnation Co.

JAS. HARTSHORNE,
Manager.

JOLIET, ILL.



This illustration shows only a part of our new and thoroughly up-to-date growing establishment at Edgebrook, just outside of Chicago. This plant has largely increased our output in the last year.

IT IS WELL TO REMEMBER THAT WE HAVE THE

LARGEST STOCK IN THE WEST

OF CLEAN WELL-GROWN PLANTS

FOR THE HOLIDAYS.

Also, by buying of us you save transportation charges and get quick delivery, especially important at this season. ORDER NOW, BEFORE COLD WEATHER MAKES SHIPPING HAZARDOUS.

HOLIDAY PRICE LIST

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00	12.00	
" "	6	24-26	6-7	1.50	18.00	
" "	7	32-34	6	2.00	24.00	
" "	7	34-36	6	2.50	30.00	
" "	9	44-48	7-8	6 00		
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00	12.00	
" "	7	32-36		2.00	24.00	
" " single	8	34-38	5-6	2.50	30.00	
" "	9	46-48	5-6	6.00		
" "	10	48-56	6-7	7.00		
Latania Borbonica	2			.75	5.00	
" "	3			1.00	7.00	
" "	6	22-26	7	.60	7.00	
" "	7	26-30	7	1.00	12.00	
" "	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	2.50	30.00	
" "	12	46-52	12-15	5.00		
Ficus Elastica	4	10-12		.25	3.00	
" "	6				9.00	
Araucaria Excelsa	4	tiers	2-3	.50	6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta	6	tiers	3	1.50		
Cocos Weddeliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00	12.00	
" "	6	18-20		1.25	15.00	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					$4.00
" "	5				3.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Nephrolepis Bostoniensis	6				$5.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Adiantum Cuneatum	2					3.00
Ferns for Dishes	2	good assortment				3.00
Dracaena Indivisa	4				1.50	10.00
" "	5				3 00	
" "	6				5.00	
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
Crotons	3	"	"	"	1.50	
Crotons	4	"	"	"	3.00	
Poa Trivialis Var	3	Fine for Ferneries				6.00
Jerusalem Cherries	4				1.50	
California Peppers	4				1.50	
" "	5				3.00	
" "	6				4.00	
Bay Trees, Standards	24-in crown				7.50	
" "	28-in crown				10.00	
" "	36-in crown				17.50	
" Pyramids	7				17.50 each	
Cycas Revoluta	From $2.00 to $4.00 each					
Box trees	7-in pots, 18-high, $4.20 per dozen					

JERUSALEM CHERRIES AND CALIFORNIA PEPPERS

Are just the thing for Christmas sales. Order now before severe cold weather makes shipping dangerous.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

TWO GRAND NEW ASTERS
BENTHEY'S WHITE
BENTHEY'S PINK...



THE ABOVE CUT shows a vase of BENTHEY'S WHITE with flowers from four to five inches in diameter, and stems from thirty to forty inches in length. These two varieties will produce more first-class salable flowers than any Aster now in commerce. They are pronounced by both grower and consumer **THE FINEST ASTERS EVER SEEN IN CHICAGO,** and were the **FAVORITE ASTERS IN THE CHICAGO AND ST. LOUIS MARKETS** the past season. Read what some of the prominent Florists say:

"The Asters received are a fine lot—the best we have ever seen." JOHN BREITMEYER'S SONS, Detroit, Mich.

"We have handled the Benthey Asters in large quantities the past season and found it the best seller we have ever handled, and sold at double the price of any other variety in the market." P. J. HAUSWIRTH, Chicago, Ill.

"It is the best Aster I ever handled both for cut flowers and design work. Hope you will have more next season, as I know the demand will be great." J. J. BENEKE, St. Louis, Mo.

"We have seen the New Benthey Aster, and consider it the best in the market. When you are ready to place the seed on the market kindly inform us, as we are anxious to grow some next season." NANZ & NEUNER, Louisville, Ky.

☞ The Seed of the TWO VARIETIES will be ready for distribution January 1, 1905.

For further information, write:

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH STREET, CHICAGO

Thanksgiving

We produce First Grade Stock in such great quantities that we Can fill shipping orders for Select Stock at any time.

AMERICAN BEAUTY—			
Extra long stem	per doz.,	$5.00 to	$6.00
24-inch stem	"	3.00 to	4.00
20-inch stem	"	2.50 to	3.00
15-inch stem	"		2.00
12-inch stem	"		1.50
8-inch stem	"		1.00
Bridesmaids	per 100,	5.00 to	8.00
Bride	"	5.00 to	8.00
Golden Gate	"	5.00 to	8.00
Perle	per 100,	$4.00 to	$6.00
Ivory	"	5.00 to	8.00
Liberty	"	5.00 to	10.00
Meteor	"	5.00 to	8.00
Roses (our selection)	"		4.00
Carnations, ordinary	"	2.00 to	3.00
Carnations, fancy	"		4.00
Mums, fancy	per doz.,	2.50 to	3.00
Mums, ordinary	"	1.50 to	2.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

THANKSGIVING!

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

ROSES

Beauties, 30 to 36-in. stems	per doz.,	$4.00 to	$6.00
Beauties, 20 to 24-in. stems	"	2.50 to	3.00
Beauties, 15 to 18-in. stems	"		2.00
Beauties, 12-in. stem	"		1.50
Liberty	per 100	4.00 to	10.00
Liberty, Select, Extra	"	10.00 to	12.00
Chatenay	"	4.00 to	10.00
Brides and Bridesmaid	"	4.00 to	8.00
Kaiserin	"	5.00 to	10.00
Meteors	"	4.00 to	8.00
Perles	"	5.00 to	8.00
Our Selection	"		4.00

CARNATIONS

Carnations	per 100,	$1.50 to	$2.00
Carnations, Fancy	"	3.00 to	4.00

GREENS

Asparagus Plumosus	per string,	50c to	$1.00
Asparagus Plumosus	sprays, bunch,	40c to	.50
Sprengeri	bunches,	35c to	.50
Adiantum	per 100,	75c to	1.25
Smilax, Choice	per string,	15c to	.18
Ferns, Fancy	per 1000,		1.50
Galax Leaves, Green	"		1.25
Galax Leaves, Bronze	"		1.50
Wild Smilax, Parlor Brand,	small size,		3.00
Wild Smilax, " "	medium size,		4.00
Wild Smilax, " "	large size,		5.00

MISCELLANEOUS

Valley	per 100,	$3.00 to	$4.00
Chrysanthemums	per doz.,	1.00 to	4.00
Violets	per 100,	1.00 to	1.50

VAUGHAN & SPERRY

60 WABASH AVENUE,—WHOLESALE FLORISTS—Chicago, Ill.

Our List of NOVELTIES FOR 1904 Will Be Very Complete

Chrysanthemums
Carnations
Geraniums
Begonias

LET US QUOTE YOU

NATHAN SMITH & SON, Adrian, Mich.

CARNATIONS!

BOOK ORDERS EARLY.

THANKSGIVING

We shall have large supplies of

Mums, Roses, Violets and Orchids

We have a reputation for filling orders when all others fail, but advance knowledge of our customers' requirements is sometimes a great help.

Thanksgiving Price List.

SUBJECT TO CHANGE WITHOUT NOTICE.

BEAUTIES—	Per doz.
Extra long stem	$5 00 to $6 00
24-inch stem	3 00 to 4 00
20-inch stem	2 50 to 3 00
15-inch stem	2 00
12-inch stem	1 50
Short stem	1 00

	Per 100
BRIDES	$4 00 to $8 00
BRIDESMAIDS	$4 00 to $8 00
LIBERTIES	6 00 to 10 00
PERLES	3 00 to 6 00
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THE CHICAGO EXHIBITION

Perhaps it was because Chicago had no show last year and everybody missed it that the response of the exhibitors was so liberal this year. At any rate the thirteenth exhibition of the Horticultural Society of Chicago was shown to be unlucky in one respect hours before the doors were opened to the public. Manager George Asmus began to realize it long before the work of staging the exhibition had begun. He had one of the handsomest halls in the United States in which to display the wealth of exhibits which were placed in his hands, but it was a hall very inadequate to the needs of the occasion. It is in reality four halls, one of them in the Fine Arts building and the other three in the Auditorium Hotel. Had the splendid banquet hall been twice or three times its actual size it would have been none too large for the best display of the very large amount of material. As it is, and with the best arrangement which it would be possible to suggest, the space left for visitors is far short of what it should be and the exhibits are already so crowded that much of the effect is lost. What it will be later in the week when carnations and floral arrangements are added to the display which was already on the tables Wednesday evening, one can only surmise. The indications are that the display of carnations will be the largest ever seen at any exhibition other than the annual meeting of the American Carnation Society.

The private establishments responded more liberally this year than heretofore, Mrs. Pullman, Martin A. Ryerson, Arthur Orr, E. G. Uihlein, H. G. Selfridge, John J. Mitchell and others sending large quantities of decorative plants, chrysanthemums, etc. Mr. Selfridge's group of orchids is a marvel, easily the finest ever seen in the west. H. W. Buckbee, of Rockford, and Vaughan staged some very fine large chrysanthemum plants. John Scott, of Brooklyn, brought a splendid exhibit of Nephrolepis Scottii and a splendid group of pandanus, etc. The class for fifteen geraniums in not over 10-inch pots brought out three very fine exhibits. Lorraine begonias were never before so well shown in Chicago. J. A. Peterson also set up some fine plants of Begonia Turnford Hall, a white sport of Lorraine, and there was a handsome group of Nephrolepis Piersoni elegantissima. Lincoln park also staged a large decorative group and there are many other smaller exhibits. All of these lose in effect by lack of room for their proper display. And it is a fact that the manager declined with thanks fully half the decorative stock which was offered him.

The cut blooms of chrysanthemums were mostly staged in a room by themselves at the south end of the main exhibition hall, but this, too, was inadequate to the needs of these classes and some of the handsome large vases were scattered through the other rooms. The quality of these exhibits was as a rule very good, but they lose in effect by crowding and the visitors are bruising them by brushing against them in the narrow passage ways. The class for 100 blooms brought out several very fine entries, including Timothy Eaton of immense size and Mrs. Jerome Jones of superb finish.

The attendance started in very satisfactorily. The show is on the tenth floor of the buildings, but the elevator service is entirely equal to all requirements and the fact that the exhibition is far above the street level does not seem to have any deterrent effect. Should there be, however, anything like the large attendance at the World's Fair Flower Show in the later days of the week the space will be inadequate for the accommodation of the crowds and there is already regret heard that the Coliseum was not used for this exhibition.

The judges are William Duckham, Madison, N. J.; Paul Dailledouze, Flatbush, N. Y., and W. A. Kennedy, Milwaukee. The awards up to the time of going to press were as follows:

Cut Chrysanthemums.

Twenty-five white, Nathan Smith & Son, Adrian, Mich., first, on W. H. Chadwick; Weiland & Risch, second, on Eaton.

Twenty-five yellow, Bassett & Washburn first, Poehlmann Bros. Co. second, each with Golden Wedding.

Twenty-five pink, Nathan Smith & Son first, Gunnar Teilmann, Marion, Ind., second, each with Dr. Enguehard.

Twenty-five red, Poehlmann Bros. Co. first, with Intensity.

Twenty-five blooms "any other color," H. W. Buckbee, Rockford, Ill., second, with W. R. Church; no first.

Best twenty-five of above, Bassett & Washburn first, Poehlmann Bros. Co. second, each with Golden Wedding.

Six white, B. K. & B. Floral Co., Richmond, Ind., first, with W. H. Chadwick; Weiland & Risch, second, with Eaton.

Six light yellow, Smith & Son first, W. J. & M. S. Vesey second, each with Yellow Eaton.

Six deep yellow, Arthur Orr, Jacob Kramer gardener, first; W. J. & M. S. Vesey second, each with Appleton.

Six light pink, Poehlmann Bros Co. first, H. W. Buckbee second, each Dr. Enguehard.

Six deep pink, H. W. Buckbee first, with Mrs. Barclay; Poehlmann Bros. Co. second, with Quito.

Six red, Poehlmann Bros. Co. first, with Intensity; Smith & Son second, with Henry Barnes.

Six bronze, Mrs. P. A. Valentine, Oconomowoc, Wis., Otto Spiedel, gardener, first, Arthur Orr second, each with Edgar Sanders.

Six "any other color," H. W. Buck-



A Glimpse of the Chicago Exhibition, November 15-19.
(Mammoth Timothy Eaton Exhibited by Weiland & Risch in the Foreground.)

bee first, with W. R. Church; Mrs. Valentine second, with Mrs. T. Carrington.

Best six of above, H. W. Buckbee first, with W. R. Church.

Twelve blooms, twelve varieties, H. W. Buckbee first, Smith & Son second.

Collection forty varieties, Smith & Son first, H. W. Buckbee second.

Vase of 100 blooms, one or more varieties, H. W. Buckbee first, with Mrs. Jerome Jones; Weiland & Risch second, with Eaton.

Vase of 100 blooms, not to exceed four inches in diameter, John Breitmeyer's Sons, Detroit, first; W. J. & M. S. Vesey second with mixed varieties.

Twenty-five sprays pompons, Breitmeyer's Sons first, Smith & Son second.

Twenty-five sprays anemone pompon varieties, Breitmeyer's Sons first.

Twenty-five sprays anemone varieties, Breitmeyer's Sons first.

Chrysanthemum Plants.

For one specimen plant H. W. Buckbee was first for pink, with a fine plant of W. Duckham, second for white, yellow and best in the show, Vaughan's greenhouses being first on all these, also on "any other color," single and anemone flowered varieties. Vaughan was second on pink and Martin A. Ryerson, John Reardon, gardener, second on "any other color."

For three and five standards Vaughan was first and Buckbee second, but the additional premium for the best plant entered in the two classes was given one of Buckbee's. Vaughan was first for five specimens, with Buckbee second, for five specimens single varieties and for ten specimen plants. Buckbee was first for twenty-five single stems and M. A. Ryerson second. Vaughan was first for groups of chrysanthemums arranged for effect, M. A. Ryerson second. Vaughan was first for grafted plant.

Orchids.

E. G. Uihlein, H. Skoldager, gardener, was first for collection of cut blooms of orchids.

H. G. Selfridge, C. H. Gebhardt, gardener, was first for collection of orchids in flower.

Miscellaneous Plants.

For fifteen geraniums M. A. Ryerson was first, Anton Then second.

For collection of ferns the Geo. Wittbold Co. was first, J. F. Kidwell & Bro. second.

For ten palms the Geo. Wittbold Co. was first, E. G. Uihlein second.

For five foliage plants in five varieties H. G. Selfridge was first, E. G. Uihlein second.

For the best palm the Geo. Wittbold Co. was first, Albert Fuchs second.

Araucaria, A. McAdams, first, Vaughan second.

Croton, J. J. Mitchell, Geo. Woodward, gardener, first.

Dracæna, E. G. Uihlein first.

Best decorative plant, J. J. Mitchell first, E. G. Uihlein second.

Boston fern, Anton Then first.

Fern other than above, E. G. Uihlein first, J. J. Mitchell second.

Six araucarias, Vaughan first, George Wittbold Co. second.

Begonia Gloire de Lorraine, Vaughan first, George Wittbold Co. second.

Best flowering plant other than mum, Vaughan second, no first.

Wednesday's Awards.

On Wednesday the exhibits were shifted and some of them removed to make room for the roses and table decorations of chrysanthemums. The latter were for display only, no premiums being awarded, and the result of this plan was the best showing of this very attractive feature seen in some years. The exhibitors were, Joseph Curran, W. J. Smyth, O. J. Friedman, John Mangel, S. Muir and C. A. Samuelson.

The awards for roses were as follows:

Twenty-five Beauty, Poehlmann Bros. first, Peter Reinberg second.

Forty Liberty, Peter Reinberg first, Wietor Bros. second.

Forty Golden Gate, Poehlmann Bros. first.

Forty Kaiserin, Peter Reinberg first, John Breitmeyer's Sons second.

Forty Bride, Poehlmann Bros. first, Chicago Carnation Co. second.

Forty Maid, Poehlmann Bros. first, Bassett & Washburn second.

Forty Meteor, J. Cook first, Wietor Bros. second.

Forty Perle, Poehlmann Bros. first, Peter Reinberg second.

Twenty-five "any other," Poehlmann Bros. first, with Chatenay; Peter Reinberg second, with Pere von Godesberg.

Fifty Beauty, Poehlmann Bros. first, Bassett & Washburn second, Peter Reinberg third.

Seventy-five Liberty, Peter Reinberg first, Benthey-Coatsworth Co. second.

One hundred Gate, Poehlmann Bros. first, Peter Reinberg second.

One hundred Bride, Poehlmann Bros. first, Wietor Bros. second.

One hundred Maid, Poehlmann Bros. first, Benthey-Coatsworth Co. second.

One hundred "any other," Poehlmann Bros. first, with Chatenay, Peter Reinberg second, with Sunrise.

Twelve blooms of a rose never before exhibited, Peter Reinberg silver cup on No. 51, deep pink.

A silver medal was awarded to the E. G. Hill Co. for Rose Richmond, formerly known as Etna.

A certificate of merit was given the E. G. Hill Co. for Rose Rosalind Orr English.

The attendance on Wednesday taxed the capacity of the halls. Early in the afternoon one of the elevators fell several floors but none of the passengers was injured.

THE BUFFALO SHOW.

The H. A. Meldrum Co.'s show was all that we expected it to be, perhaps not larger in quantity of blooms than last year, but in novelty and quality of flowers it was far ahead. We were gratified to see an increase in exhibitors from a distance. Among them were Nathan Smith & Son, Adrian, Mich., and W. J. & M. S. Vesey, of Fort Wayne, Ind. R. Vincent, jr., & Son, White Marsh, Md., sent a large lot of pompons. We think they were field-grown and were not as bright and clean as those of Smith & Son, which, of course, were grown under glass. We were also very glad to see these plucky firms sending so far capture the majority of the premiums in the classes they entered. If it were not for these expert growers sending their superb flowers we should be inclined to think we were the only people on earth and our local florists should be grateful to the enterprise that affords them a sight of the latest varieties and to what perfection they can be grown.

Everything went off smoothly. Charles H. Keitsch, who has worked for months to make the show a success, did not let up until the last moment on Saturday and Mr. Siler, the advertising agent of the H. A. Meldrum Co., and to whom the



The Cut Blooms of Chrysanthemums at the Chicago Show, November 15-19.



A Corner of the Chicago Show with John Scott's Fern at the Left.

firm largely leave all details of the show, was continually with the boys and making things pleasant generally. Messrs. Bell, Crowe and Cowell did their judging carefully and well and no dissenting voice was heard. There was a good sprinkling of florists from near-by towns and on Thursday evening a spread was served at which about thirty sat down, about half of whom were visitors, which made it all the more enjoyable. W. F. Kasting presided.

One more feature to be thankful for: On Friday, the day the show was complete, the firm gave as a conservative estimate of the number of people who ascended to the fourth floor to see the mums, as 20,000. So in the four days the number must have been at least 50,000. After so many things to be thankful for, including the presence of Elmer D. Smith and Judge Vesey themselves, we can stand a trifle of criticism. The first can't very well be helped in such a building. It was much too warm and the great crowd made it still warmer. More space and a lower temperature is needed. The next regret could be helped, and that is the comparatively weak competition among the local florists. It is not easy to say why this is. True, there are many small growers who do not attempt to grow anything like exhibition flowers, but there are at least half a dozen growers who could have entered who did not. And in the baskets and 100 blooms arranged for effect another half dozen retailers could have come in. Any one of these local artists will tell you, and they believe themselves, that they are unapproachable as designers, that their "work" is always superior to the fellow's down the street. If it's pure indifference that keeps them away, then they are foolish and selfish. If it's because they are afraid of being second to some other fellow, then they lack the true sportsman's spirit. Perhaps it's so in every city, more's the pity.

Now I am aware that except locally it's of little interest who captured the prizes, so I will boil it down as much as possible.

In the class confined to growers within fifty miles of Buffalo, C. F. Christenson, of Eggertsville, took first for fifty white and for fifty pink, second for twenty-five white and for twenty-five pink. David J. Scott, of Corfu, second for fifty white, third for fifty yellow, first for twenty-five white, second for twenty-five yellow, first for twenty-five pink, first for twenty-five "any other color." Wm. Ehman, of Corfu, was first on fifty yellow, third for twenty-five white, third for twenty-five yellow, third for twenty-five pink, second for twenty-five "any other color." The Wm. Scott Co. took second for fifty yellow and for fifty pink, first for twenty-five yellow.

In the open classes Nathan Smith & Son took first for fifty white with Convention Hall, beating out mammoth flowers of Nellie Pockett; second for fifty yellow, second in display of 100 blooms in twenty-five varieties, first in fifty blooms varieties of 1904, first in fifty blooms varieties undisseminated, first in display of pompons. W. J. & M. S. Vesey were third on fifty white, first on fifty yellow, second on fifty pink, second on 100 blooms arranged for effect, first on two vases of carnations, 200 blooms. William Scott Co. took second on fifty white, third on fifty yellow, third on fifty pink, first on fifty "any other color," third on 100 blooms twenty-five varieties, second on fifty blooms of 1904, first 100 blooms arranged for effect, first on handle basket chrysanthemums, second on dinner table decoration, first on twenty-five blooms Wm. Duckham. Charles Sandeford, gardener to J. J. Allbright, was first on display of 100 blooms in twenty-five varieties, second on handle basket of chrysanthemums, second on 200 carnations, first (silver cup) for basket of flowers other than chrysanthemums, first for collection of plants. Gunnar Teilmann was first for fifty pink and second for collection of plants. Wm. Ehman was second for fifty blooms "any other color." Charles H. Keitsch was third on 100 blooms for effect, first for dinner table, second on twenty-five blooms Wm. Duckham, second on 100 American Beauties, first on 100 red roses (Meteor).

Wm. Kasting captured first on 100 American Beauties, first on 100 white roses (Brides), second on 100 pink roses (Killarney), second for red (Beauties). J. Breitmeyer's Sons, Detroit, won first for 100 pink roses (La Detroit). C. Peake, Buffalo, won second on handle basket, third on 100 American Beauties.

Now I haven't given the varieties except in a few cases, but it was very evident the judges went for the more compact flowers of distinct color, for instance old Viviand-Morel beat out poor colored Duckham and Dr. Enguehard. Colonel Appleton beat out F. S. Vallis, General Hutton and Thirkell. Convention Hall, by its pure whiteness and perfect form, won over some grand Nellie Pockett and unripe Eaton. Old Maud Dean was first in fifty pink over Duckham and Mrs. Coombes. The heat was against the large loose flowers and a little wilt counted against them. We still think Wm. Duckham is a wonderful variety and there were some grand flowers grown locally. W. S.

THE NEW YORK EXHIBITION.

At this writing the New York exhibition, under the auspices of the managers of the American Institute, is progressing and it is safe to say that never before has such an exhibition been held in this city, if anywhere else in the country. The quality in every section is superb and the number of competitors in every class, and more particularly in the chrysanthemum cut flower classes, is phenomenal. Many of the classes calling for vases of ten or six blooms have from ten to fifteen competitors and the quality in every instance is of a calibre that would easily score first at any show in the country. All the principal exhibitors in the east are represented. A. Herrington was the king of the classes calling for fifty blooms in one vase, scoring first for fifty, any variety, with fifty Appleton, every flower of which was perfect. The same exhibitor was first also for fifty flowers in three kinds with Appleton, Eaton and Chadwick, and again for twenty-five blooms yellow, with Yellow Eaton. For twenty-five white A. Herrington won the award with Eaton; for twenty-five pink with Mrs. Barclay; for twenty-five any other color with Lady Roberts (one of the most striking vases in the hall); and for twenty-five any new variety the same exhibitor was first with W. R. Church.

This latter variety was also shown in splendid condition by Wm. Turner, Geo. Hale, Thos. W. Head, W. Duckham and Wm. Kleinheinz and judging by the admiration it elicited from the general public, there should be a commercial future for this variety.

The prizes for ten flowers and six flowers of a variety, of which there were some sixty classes, were divided very evenly between the gentlemen just mentioned, with Robt. Allen, gardener to E. C. Benedict; Samuel Riddel, gardener to Mrs. F. A. Constable, and Howard McNichol, gardener to Geo. E. Rand, Esq., also included; some four or five first

prizes also falling to James Fraser, gardener to O. H. Kahn. The class of six yellow won by Mr. Allen contained probably the largest flowers in the show, the variety being Mrs. Thirkell. They were truly enormous, as were also the Yellow Mme. Carnot exhibited by Mr. Riddel.

Other magnificent vases through these classes were Mary Inglis from Wm. Duckham, Merza from Wm. Turner, Geo. Hale, Guy Hamilton; W. R. Church from Thos. W. Head which scored him first in several classes and the Appletons and Eatons from Wm. Kleinheinz. The date was too late for the variety Wm. Duckham to be shown very largely, though James Fraser easily scored first in the pink section with flowers of the largest size and most perfect finish. This variety must be taken on an August crown bud, when it develops splendidly. Those growers who complain of its showing an eye, have in every case taken terminal buds.

A few of the earliest of the birds of passage from the St. Louis show that got home Saturday morning, threw up their hands when they saw the cut mums and declared that the western exhibition was not in the race at all.

The novelties for next year were not largely shown, though a vase containing blooms of Mrs. W. Duckham, Mrs. D. V. West, J. H. Doyle, J. H. Silsbury, Dora Stevens and Merstham Red were much admired. The prize winners in the chrysanthemum cut flower classes are enumerated elsewhere in detail and space forbids any more extended mention here, but I must say that it was the best lot of flowers I ever saw in an exhibition hall.

In the classes for hardy chrysanthemums grown in the open, the number of vases shown would alone have filled a good sized hall. R. Vincent, Jr., of White Marsh, was the principal exhibitor and prize winner. John N. May and Thos. Meehan & Sons also exhibiting largely. Mr. Vincent made application for 500 feet of space and the display he made was a riot of colors that drew great applause from the artistic element in the audience. As shown by Mr. Vincent the hardy section of the chrysanthemum is a most beautiful one and great credit should be given him for his enterprise in bringing from Maryland such an immense collection. It is one thing to see pompon and anemone chryanthemums represented by one or two sprays in a vase or growing in scattered clumps around a dwelling house and quite another thing to see them represented as shown by the Vincent firm set up in great masses and apparently endless variety. It is almost absurd to pick out individual varieties, though the following caught my eye more particularly in scanning the exhibit. Northumberland, Conestoga, James Boon, Joppa, Hamlet, Sunset, Lady Percy, Orange King, Arizona, The Czar, Ontario, Mermet, Annie Eliza and Sheridan.

There were some eighty specimen chrysanthemum plants in the hall, bush and standards, and they were all of the highest quality, such growers as Peter Duff, D. F. Roy, Robt. Marshall, J. Schaffer and Herbert Dumaresq all being represented. Mr. Schaffer, gardener to Richard Mortimer, was the largest exhibitor, having some thirty plants, his specimen standards of Dr. Enguehard being particularly fine. Peter Duff, gardener to J. Crosby Brown, had two splendid bush plants in A. J. Balfour and R. Hooper Pearson, both of which won prizes. D. F. Roy had Theo, The Bard, Black Hawk, Hooper Pearson and Garza, all in wonderful shape, the latter plant carrying over 900 developed flowers. Wm. Anderson, gardener to Herbert Dumaresq, had Arethusa and Mrs. C. B. Freeman as his best plants and Robt. Marshall, gardener to E. W. Converse, set up Louis Boehmer and Mrs. F. A. Constable wonderfully fine.

Plants in 6-inch pots were well shown by Peter Duff, Thos. W. Head and others, Mr. Duff's Merza showing his expert skill to the highest degree. Whether shown as a pot plant or cut flower, Merza was invariably the finest white in the show.

The rose classes were not so well filled as some of the others, though the quality was excellent. For twenty-five tea scented white and twenty-five pink, L. A. Noe and Charles H. Totty were first and second in each class with Bridesmaid and Bride, L. A. Noe also coming first for American Beauties.

In carnations several novelties were set up. Guttman & Weber's Victory is a splendid scarlet and also the red John E. Haines. A. B. Jenkins, gardener to Geo. Van Qualen set up a new seedling of Melba Cook with round flat petals. The color is a lovely pink and this variety has probably come to stay. Regret was heard that Fiancee was not represented, though the introducers are probably busy enough taking care of the western shows.

Violets were not represented in any large quantity, though the Hudson river men, as usual, managed to capture everything in sight.

Orchids were shown in immense quantity and variety by three prominent growers, Messrs. Lager & Hurrell, Julius Roehrs and Siebrecht & Sons. The first named were awarded first for the collection having some sixty species, Cattleya labiata alba, Cypripedium insigne Sanderæ and other scarce kinds making a beautiful showing. Julius Roehr's exhibit was particularly noticeable for immense sprays of Oncidium varicosum, Vanda Cærulea and Cattleya Dowiana. Siebrecht & Sons showed among other choice things some of the finest Cattleya labiata I have ever seen.

Any one of these exhibits was worth ten times the value of the prize and could not be seen outside of New York.

In the classes for groups, single specimen palms, bay trees, etc., Julius Roehrs, J. Lewis Childs, J. H. Troy, Bobbink & Atkins, Siebrecht & Sons, F. R. Pierson Co. and several other eastern cracks were largely represented and it goes without saying that the quality was A1 in every instance.

In the collections of crotons, dracænas, Lorraine begonias, Rex begonias, etc., Roehrs, J. L. Childs and Siebrecht & Sons were largely to the front.

In the class for conifers in pots or tubs, Bobbink & Atkins, J. H. Troy, Julius Roehrs, Wm. A. Moon Co. and Siebrecht & Sons were all extensively represented and these exhibits formed magnificent backgrounds for other classes of lighter colored material.

The fruit exhibits were a show in themselves, Ellwanger & Barry, of Rochester, alone filling a table fifty feet long with apples, not to mention pears and various other fruits. There were much larger exhibits in this line than I had before seen in New York and they were uniformly fine.

Grapes grown under glass were a special feature and resulted in much argument and discussion as to who should get first prize. Four entries that were the finest in quality were from Charles S. Smith, J. P. Sorensen, gardener, and J. D. Smith, Thos. Harvey gardener; Mrs. F. A. Constable, Samuel Riddel, gardener, and Mrs. O. Hoyt, William Slack gardener. The first prize, I believe, was finally given to J. D. Smith.



First Prize Group of Chrysanthemums at Boston, Staged by Wm. Thatcher, Gardener to Mrs. J. L. Gardner.



General View of the Exhibition of the American Institute, New York, November 10-17.

Table after table was filled with vegetables some thirty-six classes being devoted to this section and the classes were well filled in every instance, cauliflower, parsnips and celery being particularly fine.

J. M. Thorburn & Co., the seedsmen, had an immense exhibit of vegetables with their new potato, Noroton Beauty, as a star attraction. Farm crops in the line of cereals, seed and root crops took up considerable space and were a great attraction to the farmer element among the gathering of the clans. This exhibit received a silver medal.

In the line of special exhibits all the novelties seen at the various exhibitions throughout the country were to be found. John Scott had a splendid group of Scottii and also a very handsome exhibit of his salable sizes of dracænas, palms, etc.

F. R. Pierson showed the new sport from Piersoni and also a large collection of palms, foliage plants and cut chrysanthemums.

The Hinode Florist Co. had an extensive display of Japanese dwarf plants which attracted much attention.

Thos. De Voy & Son, of Poughkeepsie, showed flowers of their new geranium Telegraph which seems to be in a class by itself.

John N. May showed pompon chrysanthemums. Arthur Boddington had a fine sample of all kinds of bulbs and J. L. Childs, of Queens, had very large exhibits of palms, foliage plants and novelties of all descriptions. A grafted chrysanthemum from Vaughan's Seed Store gave the daily paragrapher his chance to work off the old joke about "pulling the show for grafting."

F. Weinberg, of Woodside, L. I., had a large collection of cactus and they sold well as a novelty. There were several novelties in carnations already spoken of, and doubtless many other things that did not catch my eye, as the exhibition was an immense one and covered a good deal of space.

Dr. Hexamer and his corps of assistants deserve every credit for the getting together of such an exhibition. It was most attractively laid out, with broad walks to permit of easy handling of large crowds of people and the hall was handsomely decorated.

The judges in the chrysanthemum cut flowers and plants were Eugene Dailledouze, Charles H. Totty and Wm. Scott.

In the groups, roses, carnations, violets, etc., Jas. T. Ballantyne, F. Morton and J. T. Withers. The list of prizes in detail would fill a volume. B. B.

The seventy-third annual show of the American Institute takes the palm from any of its predecessors. In fact, it is very doubtful if a better exhibition has ever been given in this country. It closes on Thursday of this week, with a record for extent, beauty and perfection of arrangement unequaled, and a record for attendance that will go down in history as a discredit to this city and for which there is no possible excuse. A prize list of over $3,000, with medals, certificates and diplomas unlimited, with a generous distribution of thousands of complimentary tickets and a unique booming of its merits by the city papers; all were as effective as the proverbial "pouring of water on a duck's back." No better hall for the purpose can be found in the country.

Many out of town visitors, a host of market gardeners and some experts in carnation growing were on hand, many of them daily. J. H. Troy added much to the "filling" with lemon trees, bamboo, anonymous evergreens and kentias. J. H. M. Cook had his hive of busy bees and an abundance of honey, which some of the wholesalers tested often. The Springfield Moulding Works showed a practical portable greenhouse that was voted a good thing. Arthur T. Boddington's display of bulbs and orchids was the only independent exhibit of its kind.

The banks and benches of palms and decorative plants of John Lewis Childs, Julius Roehrs, F. R. Pierson Co., Siebrecht & Son have never been excelled. The orchid displays of Lager & Hurrell, Roehrs and Siebrecht were all of the highest quality and variety. Noe's and Totty's roses and DeVoy & Son's violets were of the first class and Weber's, Nye's, Allen's, May's, Haines' and Guttman & Weber's carnations the center of admiring crowds. Julius Roehrs' Begonia Glorie de Lorraine and his new Turnford Hall were superb. Weinberg exhibited 350 varieties of cacti, a most creditable display. Robert Craig & Son's new mum, Baby, is a pretty novelty.

Fraser, Herrington and Duckham, of Madison, as usuual, captured much of the first prizes in mums, and deserved them. Your chrysanthemum expert has told you all about it.

The Hinode Co. showed a bank of Japanese plants, ranging from 1-inch pots to veterans several centuries of age. John Scott had a grand bank of Scottii and one of palms and decorative plants, especially some fine dracænas and Pandanus Veitchii. The F. R. Pierson Co. also had a grand bank of plants, palms, conifers, etc., as well as a fine exhibit of Piersoni elegantissima. Bobbink & Atkins had an immense assortment of conifers and evergreens of every size and description and W. H. Moon Co. showed a fine display of the same.

R. Vincent, Jr., & Son were here in person and their exhibit of hardy mums included over 200 varieties, all named, the whole contribution being the best ever shown in this country. Thos. Meehan & Sons and John May also had fine exhibits of pompons. The vegetable, fruit and grape exhibits were extensive and of the

highest grade. Ellwanger & Barry, of Rochester, were much in evidence.

J. Austin Shaw.

Among the awards were: A silver medal to John Scott for Nephrolepis Scottii. A silver medal to F. R. Pierson Co. for improved Piersoni.

Diplomas to R. Vincent, Jr., & Son for collection hardy chrysanthemums and to DeVoy & Son for new geranium, Telegraph.

Certificates to Guttman & Weber for Carnation Victory, to Thos. Meehan & Sons for hardy mums, to J. N. May for Carnation Phyllis, to Geo. Van Qualen for seedling carnations, to J. E. Haines for carnation of that name and for Imperial, to Vaughan's Seed Store for Baby Rambler, to Robert Craig & Son for Chrysanthemum Baby, to J. Breitmeyer's Sons for Chrysanthemums Adelia and Majestic, to A. T. Boddington for bulbs.

WORLD'S FAIR FLOWER SHOW.

Inclement weather for three days caused the World's Fair Flower Show to fail of the great financial success, hopes of which the very large attendance on the first two days had raised in the management. The opening day saw almost 6,000 paid admissions, the second day over 7,000 paid admissions, but on Wednesday there came a downpour of rain which reduced the attendance to only 2,000, and the weather changing to very cold and raw, the record for the succeeding days was below that of the opening day, until Saturday, when there was the largest attendance of the week. The total comes very close to, if it does not wholly equal, the total of premium moneys and expenses, so that no one identified with the association feels other than satisfied with the result.

Chief Taylor expressed the pleasure of the exposition management at the drawing powers of the flower show, which he said were fully up to their most sanguine expectations and he felt had done much to bring the Department of Horticulture into the light in which it should stand before the public. He felt that the success of the show had done much to secure for horticulture the consideration which it should receive at the hands of any other body of men planning a great industrial exposition.

The visiting judges at the show, Messrs. Herrington and Duckham, expressed both surprise and gratification at the extent of the exhibition. Mr. Herrington said: "The extent of this show is something surprising. It is the greatest which it has been my pleasure to attend. We in the east stage specimen chrysanthemum blooms of higher perfection, but seldom in greater quantities and the display of roses is something which was never approached by a November exhibition in the east. It eclipses all eastern records, not only the number of entries but in the general quality of the exhibits. And the same thing might be said of carnations."

Mr. Duckham, the newly elected president of the Chrysanthemum Society, said: "The extent of this exhibition is beyond the very great expectations raised in me by the reputation for energetic action which has been earned by the gentlemen who conceived the idea of this show. The number of exhibits and the size of the exhibition hall are in perfect accord and the arrangement is one which reflects the greatest credit upon the manager. This is the most effective display of cut flowers which I have ever visited and I have nothing but praise for the roses and carnations."

Manager Hauswirth had his own troubles in providing for the arrangement of the great quantities of material. One of the pleasures of the exhibition, however, was the keeping qualities which all exhibits showed. Nearly everything was in a surprising state of freshness when the exhibition closed on Saturday night. Particularly noticeable was this in the class for 100 blooms of American Beauties. There were seven entries in the class where quality alone counted and four entries in the class where arrangement was considered. This made 1,100 Beauties staged at one time, probably the greatest number that was ever seen at any other exhibition, and all were fine. Some of the flowers came from as far away as Tarrytown and all but one vase remained in perfect condition throughout the week.

One of Mr. Hauswirth's difficulties was in securing vases for the staging of such a large amount of stock. It was necessary to purchase papier-mache pots for the smaller material and for the big vases 12-inch vitrified sewer tiles were used, with one end sealed with cement. It was a happy idea and solved a most perplexing problem in the most satisfactory manner. Nothing better could have been asked.

On Thursday the interest centered in the many good seedlings exhibited and the growers gained many good points. On Friday floral arrangements were shown and some first-class work staged. The awards announced subsequent to the publication of the Review last week were as follows:

Final Awards.

Thursday was seedling day. There were three contestants for the silver cup for the best new rose, the award going to Etna, exhibited by the E. G. Hill Co. This is the new red, a rival of Liberty. The same firm also exhibited Rosalind Orr English and the Minneapolis Floral Co.'s light pink was also shown. The above varieties were also judged for certificates, with Joseph Hill and Mildred Grant and Shellem's Seedling. Etna was the only variety scored to the requisite point.

There was a large showing of seedling chrysanthemums, including both American and imported varieties. The silver cup for the best variety not yet in commerce was awarded to Nathan Smith & Son for No. 42-2-02, a beautiful white flower, but it had not stood very long when it showed signs of a weak neck. The E. G. Hill Co. was given a certificate for a white seedling and for Souv. de Calvat Pere, exhibited in the class for "any other color."

The E. G. Hill Co. was also given certificates for Prefet Boncourt, white; Mlle. Anna Debono, cream white, and Mme. Emile Lemoine, pinkish white.

Fred Dorner & Sons Co., Lafayette, was given a certificate for No. 12, an incurved yellow which looks good.

There was a good showing of novelties for the silver cup for the best fifty blooms of a carnation not yet in commerce. The award went to Fiancee, as did a certificate in the class for light pink seedlings. In red Victory was certificated, scoring 86 points after having come from Long Island, N. Y. Bassett & Washburn exhibited a scarlet seedling, No. 10, which many thought highly of, but it scored only 83 points



Chrysanthemum Majestic at the World's Fair Flower Show.

at the hands of the judges, being deficient in form. It is practically a scarlet Lawson.

There were four magnificent vases of 100 Beauties staged arranged for effect. The premiums aggregated $250 and were awarded to P. J. Hauswirth, F. C. Weber, W. L. Rock and Bassett & Washburn in the order named. The winning vase, while entered in the name of P. J. Hauswirth, was really the work of his son, Ed, and was his first attempt at competition. Peter Reinberg furnished the Beauties. Weber's flowers came from Poehlmann and Rock's from Joseph Heacock, Wyncote, Pa.

There were three fine vases in the class for 100 mums arranged for effect, F. C. Weber winning with White Bonnaffon from Poehlmann. W. J. & M. S. Vesey were second and W. L. Rock third. In the class for fifty blooms in not less than ten varieties W. J. & M. S. Vesey were second; no first.

On Friday floral arrangements were in order. Two baskets of roses were shown, F. C. Weber getting first with a basket filled with Poehlmann's Chatenay, rather too many flowers but otherwise very good. W. L. Rock was second with a basket of Sunrise.

W. L. Rock was first on basket of carnations, using a low basket with Poehlmann's highly colored Lawson and Sprengeri, a splendid effect. Fred H. Rowe, Joliet, Ill., was second with a high-handled basket of Fiancee.

F. H. Rowe was first, W. L. Rock second and F. C. Weber third for bride's bouquet, each using valley and Rock introducing some white orchids. Mr. Rowe's bunch was the only one with a shower. Bertermann Bros., of Indianapolis, sent a bride's bouquet which arrived too late; it quite likely would have made a difference in the awards.

H. N. Bruns was first and A. Jurgens second on valley. Both are Chicago growers.

Eli Cross, Grand Rapids, put up a very fine large display of violets, including Marie Louise, Campbell, California and Swanley White, and was awarded first prize. Wm. Winter, of Kirkwood, was third; no second awarded.

W. L. Rock was second for vase of longiflorum lilies, Schray & Sons third; no first.

In class 69, fifty blooms yellow carnations, which had previously been overlooked, first was awarded to the Chicago Carnation Co., for Herrington's seedling.

J. A. Peterson, Cincinnati, was highly commended for Pandanus Veitchii. He had a new white begonia, a sport from Lorraine, entered for a Shaw medal, over which the lady visitors and the judges disagreed. While the latter gave it no recognition the ladies paid it fully as much attention as the pink variety.

The Missouri Botanical Garden was highly commended for Rhapis flabeliformis.

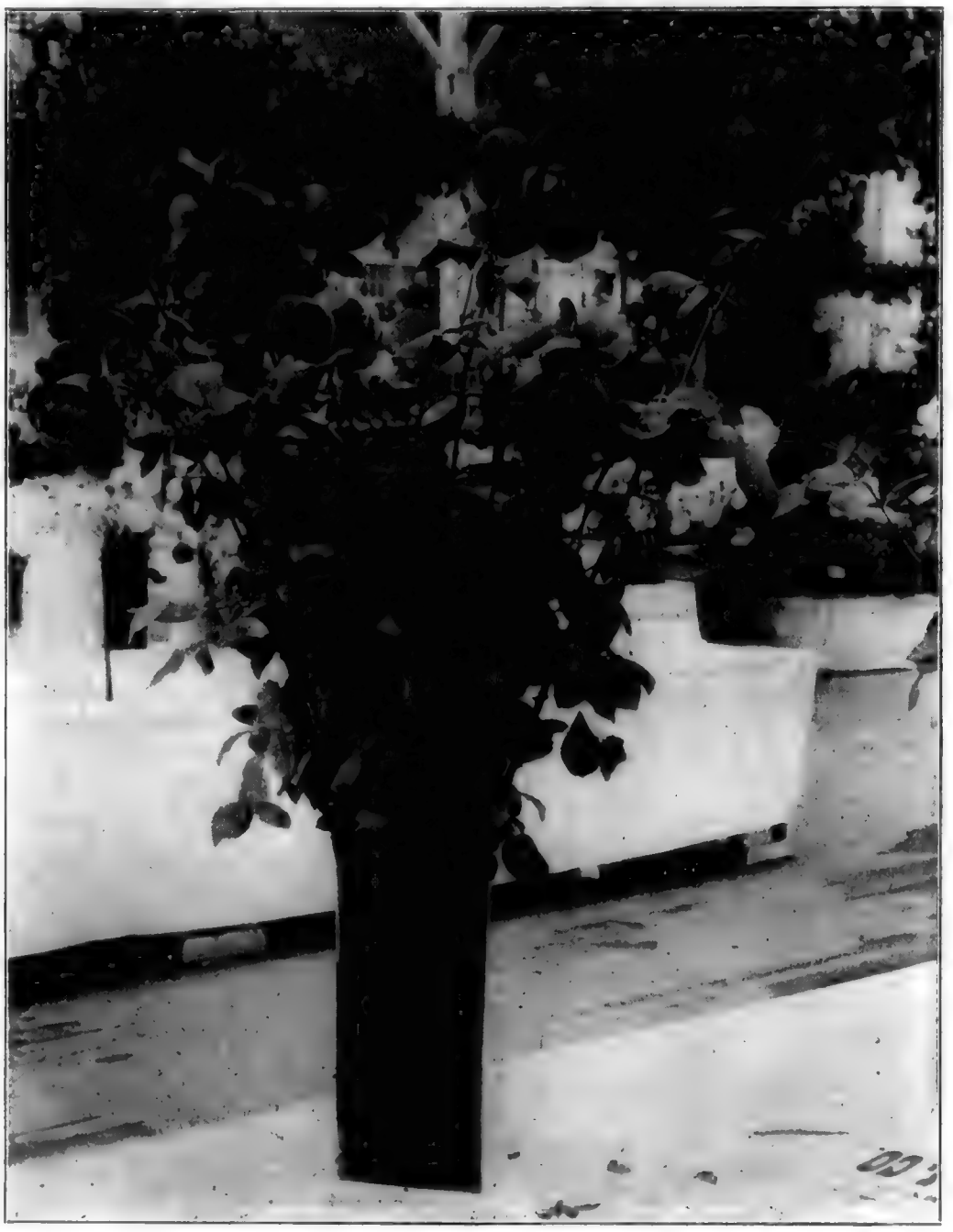
P. Maurique was specially mentioned for collection of cacti and a special award of $25 was recommended for A. C. Grenier, for cacti.

A protest was filed in class 18, twenty-five blooms chrysanthemums in twenty-five varieties and the second and third premium collections, belonging to E. G. Hill Co. and Breitmeyer's Sons respectively, were disqualified, as they contained undisseminated varieties. This gave second to Nathan Smith & Son and third to W. J. & M. S. Vesey.

In class 19 a protest was filed and E. G. Hill Co. disqualified because their collection of twelve varieties contained seedlings. This advanced H. W. Buckbee to first. Smith & Son withdrew, as by error they had included two blooms of the same variety, and didn't want to be disqualified. W. A. Chalfant was thus advanced to second and W. J. & M. S. Vesey third.

In class 58, for 100 light pink carnations, a protest was made that the judges had disqualified Gibson Beauty as not belonging in that color. The executive committee sustained the protest and ordered rejudging, which did not change the awards.

The exhibits were all scored for World's Fair awards, L. R. Taft, the chairman of the department jury, assisting in the work. These awards cannot be announced until after confirmation by the World's Fair authorities.



Rose Richmond (formerly Etna) of the E. G. Hill Co.
(Vase which won the Silver Medal at the World's Fair Flower Show.)

Various Notes.

John Bertermann discovered that there were no cyclamens in the show and wired home for a dozen plants. They arrived on Friday and attracted no little attention.

E. T. Grave, Richmond, Ind., sent exhibits in several classes for 100 carnations. The boxes were in a wreck on the Vandalia and did not reach the exhibition hall in time for staging for competition. The quality of the blooms, however, won many compliments.

An exhibit which received little attention at the hands of trade visitors struck the greatest response from the public. It was the grafted chrysanthemum, which was the center of a wondering crowd all through the week. The St. Louis newspapers gave it space and several of them commented on it editorially. One paper remarked that "Governor-elect Folk visited the flower show yesterday and looked with equanimity upon this evidence of graft, the only time in history when he had been known to fail to raise his voice in protest."

It was a pleasure to many to see good old Viviand-Morel win out in the class for 100 pink mums over two good entries of William Duckham. Certainly the Veseys know how to grow that old standby.

John Breitmeyer's Sons thought they had their share of the honors in first for White Lawson and first on 100 white mums with Majestic, which is to be introduced next season, with Adelia, both of which varieties they purchased of H. W. Rieman, of Indianapolis.

A. J. Guttman came from New York to set up his carnation, Victory, in the seedling classes. It is a very fine scarlet in color and Mr. Guttman will see the benefit of his expedition westward in the orders which will result.

H. G. Selfridge, of Lake Geneva, Wis., came down to participate in the show, bringing his gardener, C. H. Gebhardt,

and a fine collection of orchids. They were awarded first prize for their display of plants and special mention for some seedlings.

Bad counting and a failure to label some of the exhibits cost several exhibitors a chance at the big premiums. In the class for 100 Beauties there were seven entries but two were short count.

Of the St. Louis boys Messrs. Koenig and Meinhardt deserve special mention for the way they stuck by the job from beginning to end.

Nearly all the exhibits were sold to St. Louis florists, Messrs. Weber and Ostertag being large purchasers of plants.

THE PHILADELPHIA SHOW.

The specimen chrysanthemum plants and those in the larger-sized pots included many old and some new varieties of merit. Among the best were Merza, white, very fine; Wm. Duckham, lavender, which seems a good, all-around sort, though a trifle soft for cut flowers, and Major Bonnaffon, yellow, a very fine specimen. In groups A. J. Balfour was very well done. Mutual Friend, white, Peter Kay, yellow, and Geo. W. Childs, red, are seemingly still the best of their color, though S. T. Wright, red, reflexed orange, is a finer flower and makes a very showy plant. In the classes for plants in 6-inch pots grown to single stems Merza, Nellie Pockett and Neville showed great size and substance. Minerva, Yellow Eaton, Col. Appleton and Gold Mine were also good. John McCleary won first with Cheltoni, lemon yellow; Dr. Enguehard, pink; S. T. Wright, classed as red, and Wm. Duckham. Besides the prize winning group of F. Ibbotson mentioned last week, other noteworthy cut blooms were Eaton, white and yellow, Col. Appleton, Viviand-Morel, an old favorite, and Brutus, terra cotta, a very large flower with splendid foliage. This variety was also very effective grown to single stem. Brighthurst, a seedling of pleasing pink color, was shown for the first time. There were two plants of Marion Henderson, one with eighty-six, the other with eighty-nine blooms, trained to resemble an oval plateau. Other well-grown cut blooms were Nellie Pockett, Bigelow, Lord Salisbury, Rustique, Mlle. Liger, Yellow Eaton, La Fusion, Mrs. E. Thirkell, Lucy Evans, Queen Alexandria, J. Falconer and M. Inglis.

The geraniums considered worthy of a place at the head of the main stairway were Mary Beston, white; Andrew Lang, red; Mrs. Chas. Nolan, salmon; Alphonse Ricard, red; Mark Twain, Gertrude Pierson, pink; Marquis De Castellane, salmon, and Cyclops, deep color white eye.

The decorative plants were a very important feature of the display. The F. R. Pierson Co., Tarrytown, captured the society's gold medal for their improved Piersoni, a very fine thing. Thos. Long maintained his reputation as a skillful fern grower with many fine specimens. John Thatcher showed some splendid decorative plants, including many rare specimens. The Henry A. Dreer group on the stage also contained, besides well-grown commercial plants, many novelties and species not often seen outside the largest private collections. To name all these would be superfluous. The specimen dracænas were, however, worthy of special note.



Cattleya Labiata Shown at Philadelphia by Julius Roehrs.

The Wm. Graham Co. exhibited a new trailing chrysanthemum with yellow flowers of pompon size, with good foliage, brought from their place at Olney, quite a curiosity which may be very useful in decorative work. Jno. N. May, Thos. Meehan & Sons and H. A. Dreer showed good collections of pompons.

The rose exhibit brought out strong competition in the Beauty class. Geo. Burton was easily first with twenty-five splendid blooms. Leo Niessen was greatly pleased with this success. "I think," he remarked to Phil, who stood near at hand, "that will look very well on the front page of the Review." The Liberties from Edw. Towill were excellent, while the Kaiserins from F. & H. Mergenthaler showed high culture, as did their Brides and Maids. Two new claimants for popular favor were Wellesley, a soft pink from the Waban Conservatories, Natick, Mass., and Thos. Field, a La France-like pink from Geo. Field, of Washington, D. C. A pretty plant of the new Baby Rambler attracted much attention.

The feature of the carnation display was the new bright red seedling Robt. Craig, from the Cottage Gardens Co., Queens, N. Y., which captured the Craig cup for the best variety not yet disseminated. Fiancee, from the Chicago Carnation Co., attracted favorable comment. Cardinal, from the E. G. Hill Co., Richmond, Ind., was too late to be judged. It is a handsome flower, color as implied by its name, an improved Estelle. The carnation exhibit as a whole was unusually fine for this season of the year, the quality of bloom and length of stem nearly equaling the February standard.

The attendance was excellent throughout, including many visitors from out of town. The arrangements reflect great credit on Mr. Rust and his assistants. The judging was conscientiously and carefully done.

The Awards.

The following were the awards on chrysanthemum plants:

J. F. Sinnott, Gordon Smirl gardener, was first on six plants in six varieties, on two plants in two varieties, on specimen plant new variety, on specimen plants white and yellow, on four plants Japanese, in four varieties, on three plants, pink, in three varieties, on plant of Mrs. F. Thomson, on plant of Miss Anne Thomson, on four plants in four varieties, on three plants in three new varieties, on three plants, yellow, in three varieties;



John Hobson's Group of Crotons at Philadelphia.



F. Ibbotson's Twelve Blooms in Twelve Varieties Shown at Philadelphia.

second on specimen plant of "any other color."

Mrs. R. J. C. Walker, John McCleary gardener, was first on specimen plant of "any other color," on four plants in four varieties, 1904, on twelve plants including white, yellow, pink and red; second on six plants in six varieties, on specimen plant yellow, on six plants yellow, on four plants Japanese in four varieties, on specimen of Mrs. F. Thomson, on four plants in four varieties.

Mrs. P. J. Walsh, Alex. Kerr gardener, was first on one plant, new variety. J. A. Brown, F. West gardener, was first on six plants yellow, on five plants white. J. V. Merrick, F. Ibbotson gardener, was first on six plants any color, second on five plants white. J. W. Paul, Jr., Joseph Hurley gardener, was second on two plants in two varieties, on specimen plant white, on three plants in three varieties pink; third on six plants in six varieties. P. A. B. Widener, Wm. Kleinheinz gardener, was second on four plants in four varieties 1904, on twelve plants, on six plants "any other color."

Following were the awards on miscellaneous plants: J. Roehrs was first on orchids in bloom and cut flowers, on six orchids other than cypripediums, on specimen orchids, on six cypripediums. J. W. Pepper first on ten foliage plants, on Dracæna Sanderiana, second on six dracænas. E. A. Schmidt, J. Hobson gardener, was first on fifteen foliage plants and on ten crotons; second on specimen foliage plant, on foliage plants in six varieties, on specimen croton. E. Le Boutillier, J. Thatcher gardener, was first on specimen foliage plant, on foliage plants in six varieties, on specimen croton, on flowering plant other than chrysanthemum or geranium; second on ferns, on six marantas and on flowering begonia. J. W. Paul, Jr., J. Hurley gardener, was first on six palms, on specimen palm, on six flowering begonias, on specimen flowering begonia; second on pair of palms, on ten crotons, on six Rex begonias. C. B. Newbold, S. Batchelor gardener, was first on pair of palms, on six Rex begonias, on specimen Rex begonia; second on specimen palm, on six ferns and on twelve ferns. G. W. Childs Drexel, T. Long gardener, was first on specimen fern, on six ferns and on twelve ferns. C. Lippincott, W. Morton gardener, was first on six dracænas, second on cyclamen. Mrs. R. H. Foerderer, J. Fowler gardener, was first on six marantas. Robt. Craig & Son first on twelve cyclamen. Lager & Hurrell second on collection orchids in bloom and cut flowers. Mrs. R. J. C. Walker second on ten foliage plants. L. Burk, S. J. Irvine gardener, second on six orchids other than cypripediums. H. S. Hopper, J. H. Dodds gardener, second on six palms. P. A. B. Widener second on specimen flowering plant other than chrysanthemums or geraniums.

For groups for effect and other displays the awards were: C. Lippincott first on foliage and flowering plant, second on ten foliage plants. E. A. Schmidt first on eight foliage and flowering plants, on window box. J. W. Pepper first on eight geraniums, third on eight foliage plants. H. S. Hopper first on ten foliage plants, on pair dracænas, second on six foliage plants. J. W. Paul, Jr., first on pair fern dishes, second on eight foliage plants. E. Le Boutillier first on eight foliage plants, on six foliage plants, on pair crotons, second on window box. C. B. Newbold first on eight Rex begonias. Mrs. R. J. C. Walker first on Asparagus plumosus.

The awards on cut chrysanthemum flowers were: Mrs. R. J. C. Walker, J. McCleary gardener, first on sixty blooms in twelve varieties, on six blooms crimson, on vase of twenty blooms, one variety, on four vases five blooms each; second on thirty-six blooms six varieties, on six blooms pink, on six T. Eaton, on vase twenty blooms pink, twenty blooms yellow, forty blooms pink, on three vases twelve blooms each. Mrs. J. W. M. Cardeza, Edw. Jones gardener, was first on thirty-six blooms in six varieties. J. V. Merrick first on twelve blooms twelve varieties, on six blooms one variety, on twenty-five blooms twenty-five varieties, on six blooms pink. J. A. Brown, F. West gardener, first on six blooms pink. J. W. Pepper, first on six blooms yellow, on six blooms Mrs. F. Thomson, on three vases twelve blooms each, second on six blooms "any other color." J. C. Brown, Peter Duff gardener, was first on six blooms "any other color" and on six best American variety pink never disseminated. Mrs. J. W. Martin, C. Hickey gardener, first on six Eaton, on six Appleton, on vase of twenty blooms yellow. J. N. May first on twelve sprays pompons. C. Stoddart, Jr., A. Morrison gardener, first on six blooms white, on six Appleton, on vase twenty of one variety any color. P. A. B. Widener first on six blooms crimson, six "any other color," on six Mrs. Paul, on six T. D. M. Cardeza; second on six yellow, on six crimson, on six "any other color," on twenty-five in twenty-five varieties, on six yellow, on six blooms Mrs. F. Thomson, on four vases five blooms each. L. Burk, S. J. Irvine gardener, first on six Catherine Leech. John Wanamaker, Wm. Mangan gardener, first on six Wm. H. Chadwick, second on six Mrs. Paul, on six Catherine Leech. W. Lippincott, J. Coleman gardener, first on six Eaton. H. G. Standen first on six best American variety never disseminated. Dr. R. V. Mattison, A. Muller gardener, first on twenty blooms pink, second on twelve blooms in twelve varieties, on six white, on six crimson, on twenty blooms white. Pennsylvania Hospital, J. Mitchell gardener, first on forty blooms pink, second on twenty blooms "any other color." J. M. Mack, E. Longhrey gardener, first on forty blooms white. F. C. Bosler, Geo. Guignet gardener, second on sixty blooms in twelve varieties. Major Bent, M. Daly gardener, second on six Eaton. C. H. Kuhn, D. Neely gardener, second on six Appleton. T. Meehan & Sons second on twelve sprays pompons. Mrs. J. Bohlen, J. Ward gardener, second on six white. J. A. Brown second on six pink. The Misses Vanuxem, J. Bell gardener, seeing begonia. J. W. Paul, Jr., J. Hurley ond on six T. D. M. Cardeza.

There were two classes for six blooms of each color.

The following were the awards on roses: F. & H. Mergenthaler first on twenty-five Kaiserin, Bride and Bridesmaid. E. Towill first on twenty-five Liberty. Myers & Samtman first on six Queen of Edgely, second twenty-five American Beauty. Joseph Heacock first on six Beauty, second on twenty-five Bridesmaid. J. N. May first on six blooms new variety. John Burton first on twenty-five Beauty. C. B. Newbold first on three vases tea roses. Mrs. J. L. Welch, J. Little gardener, first on twelve Beauty, second on Ivory. E. Ashley second on Kaiserin. J. Welsh Young second on six blooms Beauty. P. A. B. Widener second on three vases tea roses. Mrs. H. B. Jacobs, G. Morrison gardener, second on twelve Beauty.

The following were the awards on carnations: Cottage Gardens Co. first on fifty blooms of any variety not disseminated, on six vases in six varieties, silver cup for twenty-five blooms best American seedling never disseminated. P. A. B. Widener first on twenty-five pink any named variety, on four vases of twelve each. C. H. Kuhn, Daniel Neely gardener, first on Enchantress, second on pink any named variety. J. Cheston, Jr., J. Fertsch gardener, first on twelve blooms each of Nelson Fisher and Mrs. M. A. Patten. J. N. May second on fifty blooms any variety not disseminated. Strafford Flower Farm second on six vases in six named varieties. C. B. Newbold second on four vases twelve each. J. W. Paul, Jr., second on Enchantress, on Nelson Fisher and Mrs. M. A. Patten.

Following are the awards on violets: R. N. Eisenhart first on Princess of Wales and Luxonne, second on Lady Campbell. T. H. Norton first on Campbell. J. Gillmet first on "any other variety," second on Princess of Wales and on Luxonne. W. Lippincott first on 100 cut blooms, pansies. E. L. Welsh second on "any other variety."

The awards for floral arrangements were: H. S. Hopper first on plateau of ferns and foliage. Geo. Faulkner first on plateau of chrysanthemums, second on basket of flowers. Wm. H. Rieder & Bro. first on basket of flowers, second on plateau of chrysanthemums.

Special prizes were awarded as follows: Silver medals to Edward A. Schmidt for best foliage plant, to George W. Childs Drexel for best fern, to Joseph F. Sinnott for best chrysanthemum plant, to C. B. Newbold for best palm, to John Wanamaker for group of ornamental foliage plants, to H. A. Dreer for collection of rare palms, to Louis Burk for collection of orchids, to Mrs. Robert H. Foerderer for two Pandanus Baptistii.

Special prizes to William Graham Co. for decoration in center of hall, to H. S. Hopper for specimen Boston fern, to Lager & Hurrell for specimen orchid plant, to H. S. Hopper for specimen palm, to C. B. Newbold for specimen fern, to Pennsylvania Hospital for cut chrysanthemums.

Certificates of merit for fine collection new varieties of chrysanthemums exhibited by E. G. Hill Co., for new Rose Wellesley exhibited by Waban Rose Conservatories, for Carnation Red Lawson exhibited by W. J. Palmer & Son, for new Rose Tom Field exhibited by George Field.

Honorable mention for Carnation Fred Burki exhibited by John Murchie, for vase of well-grown Lilium longiflorum exhibited by J. Koehler & Sons, for pink seedling carnation and vase of seedlings exhibited by John E. Haines, for pink sport from Violet Lady Hume Campbell exhibited by T. H. Norton, for fine collection of pompon chrysanthemums exhibited by Henry A. Dreer, Thomas Meehan & Sons and Henry F. Michell Co., for standard chrysanthemums exhibited by H. B. Rosengarten, for standard chrysanthemums exhibited by Gabriel Blum.

Gold medal to F. R. Pierson Co., Tarrytown, N. Y., for Nephrolepis Piersoni elegantissima.

FORT SMITH, ARK.

This year's flower show was an unqualified success, the hospital under the auspices of which it was conducted clearing nearly $600. There were a large number of exhibits from out of town growers which were of exceptional quality and did much toward making the show a success.

The awards for twenty cut chrysanthe-

and a fine collection of orchids. They were awarded first prize for their display of plants and special mention for some seedlings.

Bad counting and a failure to label some of the exhibits cost several exhibitors a chance at the big premiums. In the class for 100 Beauties there were seven entries but two were short count.

Of the St. Louis boys Messrs. Koenig and Meinhardt deserve special mention for the way they stuck by the job from beginning to end.

Nearly all the exhibits were sold to St. Louis florists, Messrs. Weber and Ostertag being large purchasers of plants.

THE PHILADELPHIA SHOW.

The specimen chrysanthemum plants and those in the larger sized pots included many old and some new varieties of merit. Among the best were Merza, white, very fine; Wm. Duckham, lavender, which seems a good, all around sort, though a trifle soft for cut flowers, and Major Bonnaffon, yellow, a very fine specimen. In groups A. J. Balfour was very well done. Mutual Friend, white, Peter Kay, yellow, and Geo. W. Childs, red, are seemingly still the best of their color, though S. T. Wright, red, reflexed orange, is a finer flower and makes a very showy plant. In the classes for plants in 6 inch pots grown to single stems Merza, Nellie Pockett and Neville showed great size and substance. Minerva, Yellow Eaton, Col. Appleton and Gold Mine were also good. John McCleary won first with Cheltoni, lemon yellow; Dr. Enguehard, pink; S. T. Wright, classed as red, and Wm. Duckham. Besides the prize winning group of F. Ibbotson mentioned last week, other noteworthy cut blooms were Eaton, white and yellow, Col. Appleton, Viviand-Morel, an old favorite, and Brutus, terra cotta, a very large flower with splendid foliage. This variety was also very effective grown to single stem. Brighthurst, a seedling of pleasing pink color, was shown for the first time. There were two plants of Marion Henderson, one with eighty-six, the other with eighty nine blooms, trained to resemble an oval plateau. Other well grown cut blooms were Nellie Pockett, Bigelow, Lord Salisbury, Rustique, Mlle. Liger, Yellow Eaton, La Fusion, Mrs. E. Thirkell, Lucy Evans, Queen Alexandria, J. Faleoner and M. Inglis.

The geraniums considered worthy of a place at the head of the main stairway were Mary Beston, white; Andrew Lang, red; Mrs. Chas. Nolan, salmon; Alphonse Ricard, red; Mark Twain, Gertrude Pierson, pink; Marquis De Castellane, salmon, and Cyclops, deep color white eye.

The decorative plants were a very important feature of the display. The F. R. Pierson Co., Tarrytown, captured the society's gold medal for their improved Piersoni, a very fine thing. Thos. Long maintained his reputation as a skillful fern grower with many fine specimens. John Thatcher showed some splendid decorative plants, including many rare specimens. The Henry A. Dreer group on the stage also contained, besides well grown commercial plants, many novelties and species not often seen outside the largest private collections. To name all these would be superfluous. The specimen dracaenas were, however, worthy of special note.



Cattleya Labiata Shown at Philadelphia by Julius Roehrs.

The Wm. Graham Co. exhibited a new trailing chrysanthemum with yellow flowers of pompon size, with good foliage, brought from their place at Olney, quite a curiosity which may be very useful in decorative work. Jno. N. May, Thos. Meehan & Sons and H. A. Dreer showed good collections of pompons.

The rose exhibit brought out strong competition in the Beauty class. Geo. Burton was easily first with twenty-five splendid blooms. Leo Niessen was greatly pleased with this success. "I think," he remarked to Phil, who stood near at hand, "that will look very well on the front page of the REVIEW." The Liberties from Edw. Towill were excellent, while the Kaiserins from F. & H. Mergenthaler showed high culture, as did their Brides and Maids. Two new claimants for popular favor were Wellesley, a soft pink from the Waban Conservatories, Natick, Mass., and Thos. Field, a La France like pink from Geo. Field, of Washington, D. C. A pretty plant of the new Baby Rambler attracted much attention.

The feature of the carnation display was the new bright red seedling Robt. Craig, from the Cottage Gardens Co., Queens, N. Y., which captured the Craig cup for the best variety not yet disseminated. Fiancee, from the Chicago Carnation Co., attracted favorable comment. Cardinal, from the E. G. Hill Co., Richmond, Ind., was too late to be judged. It is a handsome flower, color as implied by its name, an improved Estelle. The carnation exhibit as a whole was unusually fine for this season of the year, the quality of bloom and length of stem nearly equaling the February standard.

The attendance was excellent throughout, including many visitors from out of town. The arrangements reflect great credit on Mr. Rust and his assistants. The judging was conscientiously and carefully done.

The Awards.

The following were the awards on chrysanthemum plants:

J. F. Sinnott, Gordon Smirl gardener, was first on six plants in six varieties, on two plants in two varieties, on specimen plant new variety, on specimen plants white and yellow, on four plants Japanese, in four varieties, on three plants, pink, in three varieties, on plant of Mrs. F. Thomson, on plant of Miss Anne Thomson, on four plants in four varieties, on three plants in three new varieties, on three plants, yellow, in three varieties,



John Hobson's Group of Crotons at Philadelphia.



F. Ibbotson's Twelve Blooms in Twelve Varieties Shown at Philadelphia.

second on specimen plant of "any other color."

Mrs. R. J. C. Walker, John McCleary gardener, was first on specimen plant of "any other color," on four plants in four varieties, 1904, on twelve plants including white, yellow, pink and red; second on six plants in six varieties, on specimen plant yellow, on six plants yellow, on four plants Japanese in four varieties, on specimen of Mrs. F. Thomson, on four plants in four varieties.

Mrs. P. J. Walsh, Alex. Kerr gardener, was first on one plant, new variety. J. A. Brown, F. West gardener, was first on six plants yellow, on five plants white. J. V. Merrick, F. Ibbotson gardener, was first on six plants any color, second on five plants white. J. W. Paul, Jr., Joseph Hurley gardener, was second on two plants in two varieties, on specimen plant white, on three plants in three varieties pink; third on six plants in six varieties. P. A. B. Widener, Wm. Kleinheinz gardener, was second on four plants in four varieties 1904, on twelve plants, on six plants "any other color."

Following were the awards on miscellaneous plants: J. Roehrs was first on orchids in bloom and cut flowers, on six orchids other than cypripediums, on specimen orchids, on six cypripediums. J. W. Pepper first on ten foliage plants, on Dracaena Sanderiana, second on six dracaenas. E. A. Schmidt, J. Hobson gardener, was first on fifteen foliage plaats and on ten crotons; second on specimen foliage plant, on foliage plants in six varieties, on specimen croton. E. Le Boutillier J. Thatcher gardener, was first on specimen foliage plant, on foliage plants in six varieties, on specimen croton, on flowering plant other than chrysanthemum or geranium; second on ferns, on six marantas and on flowering begonia. J. W. Paul, Jr., J. Hurley gardener, was first on six palms, on specimen palm, on six flowering begonias, on specimen flowering begonia; second on pair of palms, on ten crotons, on six Rex begonias. C. B. Newbold, S. Batchelor gardener, was first on pair of palms, on six Rex begonias, on specimen Rex begonia; second on specimen palm, on six ferns and on twelve ferns. G. W. Childs Drexel, T. Long gardener, was first on specimen fern, on six ferns and on twelve ferns. C. Lippincott, W. Morton gardener, was first on six dracaenas, second on cyclamen. Mrs. R. H. Foerderer, J. Fowler gardener, was first on six marantas. Robt. Craig & Son first on twelve cyclamen. Lager & Hurrell second on collection orchids in bloom and cut flowers. Mrs. R. J. C. Walker second on ten foliage plants. L. Burk, S. J. Irvine gardener, second on six orchids other than cypripediums. H. S. Hopper, J. H. Dodds gardener, second on six palms. P. A. B. Widener second on specimen flowering plant other than chrysanthemums or geraniums.

For groups for effect and other displays the awards were: C. Lippincott first on foliage and flowering plant, second on ten foliage plants. E. A. Schmidt first on eight foliage and flowering plants, on window box. J. W. Pepper first on eight geraniums, third on eight foliage plants. H. S. Hopper first on ten foliage plants, on pair dracaenas, second on six foliage plants. J. W. Paul, Jr., first on pair fern dishes, second on eight foliage plants. E. Le Boutillier first on eight foliage plants, on six foliage plants, on pair crotons, second on window box. C. B. Newbold first on eight Rex begonias. Mrs. R. J. C. Walker first on Asparagus plumosus.

The awards on cut chrysanthemum flowers were: Mrs. R. J. C. Walker, J. McCleary gardener first on sixty blooms in twelve varieties, on six blooms crimson, on vase of twenty blooms, one variety, on four vases five blooms each; second on thirty-six blooms six varieties, on six blooms pink, on six T. Eaton, on vase twenty blooms pink, twenty blooms yellow, forty blooms pink, on three vases twelve blooms each. Mrs. J. W. M. Cardeza, Edw. Jones gardener, was first on thirty-six blooms in six varieties. J. V. Merrick first on twelve blooms twelve varieties, on six blooms one variety, on twenty-five blooms twenty-five varieties, on six blooms pink. J. A. Brown, F. West gardener, first on six blooms pink. J. W. Pepper first on six blooms yellow, on six blooms Mrs. F. Thomson, on three vases twelve blooms each, second on six blooms "any other color." J. C. Brown, Peter Duff gardener, was first on six blooms "any other color" and on six best American variety pink never disseminated. Mrs. J. W. Martin, C. Hickey gardener, first on six Eaton, on six Appleton, on vase of twenty blooms yellow. J. N. May first on twelve sprays pompons. C. Stoddart, Jr., A. Morrison gardener, first on six blooms white, on six Appleton, on vase twenty of one variety any color. P. A. B. Widener first on six blooms crimson, six "any other color," on six Mrs. Paul, on six T. D. M. Cardeza, second on six yellow, on six crimson, on six "any other color," on twenty five in twenty five varieties, on six yellow, on six blooms Mrs. F. Thomson, on four vases five blooms each. L. Burk, S. J. Irvine gardener, first on six Catherine Leech. John Wanamaker, Wm. Mangan gardener, first on six Wm. H. Chadwick, second on six Mrs. Paul, on six Catherine Leech. W. Lippincott, J. Coleman gardener, first on six Eaton. H. G. Standen first on six best American variety never disseminated. Dr. R. V. Mattison, A. Muller gardener, first on twenty blooms pink, second on twelve blooms in twelve varieties, on six white, on six crimson, on twenty blooms white. Pennsylvania Hospital, J. Mitchell gardener, first on forty blooms pink, second on twenty blooms "any other color." J. M. Mack, E. Loughrey gardener, first on forty blooms white. F. C. Bosler, Geo. Gaignet gardener, second on sixty blooms in twelve varieties. Major Bent, M. Daly gardener, second on six Eaton. C. H. Kuhn, D. Neely gardener, second on six Appleton. T. Meehan & Sons second on twelve sprays pompons. Mrs. J. Bohlen, J. Ward gardener, second on six white. J. A. Brown second on six pink. The Misses Vanuxem, J. Bell gardener, serrag begonia. J. W. Paul, Jr., J. Hurley second on six T. D. M. Cardeza.

There were two classes for six blooms of each color.

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The awards for twenty cut chrysantho-

mum blooms were as follows: Yellow, Pantet & Co., first with Calvat's Sun; J. H. Krone, Jr., second with Appleton; for pink, Nathan Smith & Son, Adrian, Mich., first, Pantet & Co. second, each with Duckham; white, Pantet & Co. first with Silver Wedding, James Morton, Clarksville, Tenn., second with Eaton; bronze, James Morton first, Pantet & Co. second; for fifteen blooms, "any other color," Pantet & Co. first with Mrs. Rogers and second with Waldeck Rosseau. They were also first for anemone varieties.

James Morton had the best standard and the second best single stems. Pantet & Co., the best bush plants. J. H. Krone, Jr., also had a good exhibit of single stems.

Priece, D. J. Herrigan, gardener, took first and second with A. J. Balfour and Viviand-Morel. William Swan captured first for white with Eaton, J. M. Masury taking second for same variety. Shrimpton was the winner for reds, M. W. Pierce and W. B. Walker, Thomas Jack, gardener, being the exhibitors. The society's silver medal for the best display of cut blooms went to William Swan. The silver cup for the best twelve plants in not exceeding 10-inch pots was captured by J. N. Black, Axel Magnuson, gardener.

Mrs. H. L. Higginson, J. Clark, gardener, had the best Campbell violets, S. V. R. Crosby taking second. The Misses Loring, Cornelius Murray, gardener, led with Marie Louise and C. D.



D F. Roy's Plant of Chrysanthemum Garza, 800 Flowers.

The largest bloom in the show was Mrs. Thirkell, exhibited by Pantet & Co., beating Morton's Timothy Eaton. For twenty-five blooms of any colors Vaughan's Seed Store was first, Smith & Son second, James Morton third.

For American Beauty roses James Morton was first, C. C. Pollworth Co. second.

J. H. Krone, Jr., was first for collection of ferns, Pantet & Co. for palms, begonias and potted plants.

The carnation exhibits included two very fine lots from Joliet, Ill. The Chicago Carnation Co. sent a splendid vase of Fiancee and the J. D. Thompson Carnation Co. sent seven varieties, of which Gibson Beauty attracted most attention, but Lady Bountiful was highly thought of by all trade visitors.

MANCHESTER, MASS.

The enterprising gardeners of the North Shore Horticultural Society held their annual chrysanthemum show in the Town Hall on November 10. The exhibition was admitted to be far the best the society has yet held and the quality of the exhibits was excellent throughout. It will soon be necessary for the members to seek more commodious quarters if the number of exhibits continues to increase.

The prizes in the plant classes were divided between Miss A. G. Thayer, J. McGregor, gardener; Mrs. R. C. Hooper, Wm. Swan, gardener, and J. M. Masury, Thomas Waldic, gardener. For vase of yellow chrysanthemums on long stems William Swan won with fine Appletons, J. M. Masury being second with the same variety. For pink M. W. Sias, J. Pater, gardener, for Princess of Wales. Mrs. H. L. Higginson was in the lead for collection of violets. C. D. Sias had the best Bride and Bridesmaids roses and was second for "any other variety" with Golden Gate, William Swan being first with fine American Beauty.

C. D. Sias was first for Lawson and Enchantress carnations and second for white and "any other variety." J. N. Black led for white with excellent Governor Wolcott and for a vase of mixed varieties and M. W. Pierce had the winning collection of carnations.

Miss A. G. Thayer received a certificate of merit for a fine table of cut blooms and W. B. Walker, Thos. Jack, gardener, a similar award for group of foliage and flowering plants.

For twenty-five specimens palms, foliage and flowering plants arranged for effect, William Swan won with a fine assortment which included some fine seasonable orchids. J. N. Black had the best specimen fern and a special prize offered for best specimen plant went to H. L. Higginson, J. M. Masury being second. Fred Jackson had the finest collection of winter vegetables. The exhibition was well attended, many of the prominent North Shore residents being among those present. W. N. Craig.

ORANGE, N. J.

The tenth fall exhibition of the New Jersey Floricultural Society was held November 4. It was greatly regretted by the throng which filled the rooms from six until nearly eleven that the display had not had the larger hall which its merit justified and that the afternoon had not been used. Several of the patrons of this one promised to help provide better accommodations another year. The number of entries of flowers necessitated the display of vegetables and fruits being placed in a room by itself and the wide field from which the exhibits were gathered showed the growing influence of the society.

Pre-eminently a chrysanthemum show, the blooms and plants were of the highest order, yet the display of orchids almost eclipsed the autumn queen. The very fine exhibit of Henry Graves occupied an entire table. That from William Barr also occupied the greater part of another table, the two being separated by a stand bearing the large vase of carnations from the Colgates which received



Carnation Robert Craig.
(The vase which won the Silver Cup at Philadelphia.)



There were Seven Entries of 100 Beauties at the World's Fair Flower Show.

a first prize. John Crosby Brown's exhibit of trained and standard chrysanthemums rose from a mass of single stems in 6-inch pots remarkable for their uniformity. Some of these had captured six prizes at Madison only a few days before. These masses of color were relieved by the magnificent specimen plants of William Runkle.

The exhibit of orchids from Lager & Hurrell was particularly interesting, comprising plants amounting to over $1,000 in value.

Other trade exhibitors were John E. Haines, Bethlehem, Pa., who sent a good new red carnation named for himself and a fancy, Imperial; Swan Peterson, Gibson City, Ill., who sent two carnations, Gibson Beauty and White Swan; John N. May, who sent a collection of pompons, and Hale's Flower Store, Orange, which exhibited Maud Dean and White Maud Dean chrysanthemums. Each was given an award.

CHRYSANTHEMUM SOCIETY.

The proceedings of the second annual meeting of the Chrysanthemum Society of America, at Herald Square exhibition hall, New York, November 13, 1903, have been received. It is a pamphlet of 136 pages, containing also the Elmer D. Smith list of varieties of chrysanthemums. After the name of the variety is given first the name of the disseminator, then the name of the originator and the year in which disseminated. Mr. Smith states that he is certain that several of the many varieties have been omitted and a request is made to forward data as to these to Secretary Fred H. Lemon, Richmond, Ind., that the record may be made complete, but from an inspection of the list it would appear that Mr. Smith has covered the ground in a very comprehensive manner.

Work of Committees.

At New York, November 5, Bride exhibited by Lakeview Rose Gardens, Jamestown, N. Y., color white, Japanese incurved, scored 69 points.

At Philadelphia November 8, No. 4 exhibited by Henry G. Standen, Haverford, Pa., color white, Japanese incurved, scored commercial scale 85, exhibition scale 78 points.

At New York November 11, a variety (name to be given later) exhibited by Howard Nichol, Yonkers, N. Y., color dark mahogany, gold reverse, Japanese, scored exhibition scale 89 points.

At St. Louis World's Fair Flower Show November 11, the following scores were made:

Beta exhibited by The E. G. Hill Co., Richmond, Ind., color pink, incurved, scored commercial scale 83 points.

Souv. de la Ctess Reille exhibited by The E. G. Hill Co., color silvery pink, type of Morel, scored exhibition scale 83 points.

Souv. de Calvat Pere exhibited by The E. G. Hill Co., color white, shaded lemon and pink, incurved, scored commercial scale 83, exhibition scale 87.

No. 42-2-02 exhibited by Nathan Smith & Son, Adrian, Mich., color white, incurved, scored commercial scale 88 points.

No. 12 exhibited by Fred Dorner & Sons Co., Lafayette, Ind., color yellow, incurved, type of Dailledouze, scored commercial scale 86 points.

Mme. Emile Lemoine exhibited by The E. G. Hill Co., color pinkish white, type of Chadwick, scored commercial scale 87 points; exhibition scale 89 points.

Mlle. Anna Debono exhibited by The E. G. Hill Co., color creamy white, type of Morel, scored commercial scale 89, exhibition scale 90 points.

Prefet Boncourt exhibited by The E. G. Hill Co., color cream white, reflexed, scored commercial scale 88, exhibition scale 87 points.

At Cincinnati, O., November 12, Adelia, exhibited by John Breitmeyer's Sons, Detroit, Mich., color white, Japanese incurved, scored commercial scale, 89 points. Majestic, exhibited by John Breitmeyer's Sons, color pure white, Japanese incurved and reflexed, scored 90 points commercial scale. Souv. de Calvat Pere, exhibited by The E. G. Hill Co., Richmond, Ind., color white cream and blush pink (undecided white), Japanese incurved, scored exhibition scale 91 points. No. 37, exhibited by Nathan Smith & Son, Adrian, Mich., color magenta pink, reflexed Japanese, scored exhibition scale 85 points. Mlle. Anna Debono, exhibited by Nathan Smith & Son, Adrian, Mich., color white, Japanese reflexed, scored exhibition scale 85 points.

FRED H. LEMON, Secy.

ROSES.

Preparations for Propagating.

As December approaches we should, in order to obtain success, begin preparations for the propagating season. To obtain stock from varieties which are new or scarce we should take cuttings just as early as we can get them, so as to increase our stock without punishing the plants too severely, and this can be done by having part of the propagating bench in readiness to receive cuttings as they mature. By having the bench ready, I mean having the house thoroughly clean from the ground to the roof, the benches in good order, pipes tested and ventilators adjusted.

Whatever material is to be used as a propagating medium should now be secured and stored, so that when required it may be handy. Pit, river or lake sand which contains no decomposing element is a safe and sure medium and can be used by the most inexperienced with good results, so long as it remains clean and fresh. I am frequently asked if it is safe to use the sand for a second batch of cuttings and if there is not danger from bench fungus arising from such a practice? This depends a good deal on the quality of the sand, the condition of the house and the temperature at which the house has been run during the rooting of the first batch.

I have frequently, for lack of material, been forced to use the same sand for three successive crops and have had to record no failures which could be attributed to this fact, while with some mediums which looked equally promising there was failure on the first trial.

With a sand which will give off no

mud in washing there is little danger of having fungus with a first crop and if the house is run at a temperature of 50 degrees, with the temperature of the sand 12 degrees higher, with the requisite amount of ventilation necessary to keep the air sweet, there is no danger in running a second or even a third crop. Of course a good deal depends on whether the drainage is perfect, but if this is not as it ought to be there will be more or less of a failure with the first crop and the sand will be ruined for use for a next crop.

As the only use of sand or other mediums is to retain sufficient moisture to nourish the cutting until root formation has taken place and that only in such quantities as the size of the cutting demands, any other medium, such as charcoal, marble dust or the screenings of coke, which possess no poisonous or decomposing matter, are safe if they possess the quality of retaining the moisture for a sufficient length of time without becoming sour.

Cleanliness in the propagating house, both in regard to the house itself and in regard to ventilation are absolutely necessary, as many of the ills which in after life afflict the rose are acquired in the cutting bench, either through a poor material being used as a medium or ignorance of the laws of watering and ventilating.

That nothing may be wanting in the propagating house the question of shading should be attended to before the season begins. In far too many places the old method of shading with newspapers is still in vogue. This, at best, is but a poor makeshift, troublesome and uncertain, as the slightest puff of wind is apt to disarrange the papers and bring all of our efforts to naught, while at the same time the very fact that they encourage condensation and prevent a free circulation of air shows us that this is not conducive to the health of the cutting or to quick root formation.

Shading, to be effective, should be removed sufficiently far from the surface of the bench that the air can circulate freely and should be so arranged that it can be removed as soon as the sun ceases to shine on the bench, as cuttings which are rooted in a continual shade are always more weakly than those which are shaded only to protect them from suffering from too intense sunshine.

Any style of house or aspect is suitable for propagating purposes, so long as the interior arrangements of shading, conserving the heat under the benches and ventilation apparatus is perfect. The rest depends on the quality of wood used, the care exercised in making, inserting and in the general after treatment, in fact on "the man behind the gun."

As the propagating season advances I will endeavor to give a few hints weekly and will try to describe the latest methods of this act which will also include the newest and most successful methods of propagating by grafting.

RIBES.



MARKING PLANTS FOR STOCK.

The grower of violets, like the grower of any other plants, always has to be looking ahead and planning for the next season, and in doing so it is, in our opinion, always best to plan for the maximum, rather than the medium or minimum quantity of plants desired. Especially does this apply to stock plants of all kinds for filling the houses. It is much better to have a large quantity to choose from and much better to have a surplus to sell than to run short and to have to purchase, even if the stock you buy is equal to your own. But our experience is that boughten stock is never up to the quality of our own; in fact, we find it the rule, with very few exceptions, that we always have to breed up and acclimate, as you might say, all kinds of stock that we buy and sometimes it takes two or three years to get it up to an acceptable standard. Therefore, as I started out to say, it is time to estimate how many plants you will need next year, and at once commence to mark the best plants of those that you expect to take stock from; otherwise when you are ready to take cuttings you will not know which are the plants that have proven the best all the season and up to that time. Later on nearly all the plants will begin to feel the influence of the coming spring and will put on a growth that looks nice and proves deceiving as to their real worth as workers at a time when you want them to work most.

In marking your "pedigree" stock from now on, select the plants that in every way are the best, with plenty of large, strong foliage and that show the largest crop of flowers for the holidays, also taking into consideration the quality as well as quantity of the blooms, full big flowers and fragrant. Have a bunch of labels handy, near the door of each house, so that every time you go through the house you can mark the good plants. If you do not follow some such method, the days are likely to slip by until it gets too late to tell which are really the best plants.

R. E. SHUPHELT.

CARNATION NOTES.—EAST.

Keeping Qualities.

Whether a retailer or wholesaler of his product, the reputation of turning out bloom of good keeping qualities is a valuable asset to any grower. While it is true that all does not rest with the grower, it lies with him to form the foundation of a lasting bloom. If all efforts are made to accomplish this result there need be no fear of slow sale or low prices, and should any complaint arise the true cause of trouble is easily traced.

Assuming that you are following up-to-date cultural methods and the plants are responding with a yield of prime blooms in goodly numbers, it must not be thought that care and vigilance end here.

It is as much to place the blooms on the market as it is to grow them. One must harvest the crop properly and handle it intelligently in order to preserve the enduring qualities.

Do not let the bloom fully develop on the plant. Cut when about three-quarters out, when you will not only further the end in view but reduce the drain on the plant. Always use a sharp knife and make a smooth, slightly slanting cut. It is preferable to perform the work early in the morning, before the sun has exerted any influence on the plants.

Have vases filled with fresh water before starting in and when fifty or less are cut plunge the stems immediately in



The Exhibits of Bride Roses at the World's Fair Flower Show.

water. This is important, since if kept exposed to the air very long after being severed from the plant the exuding sap becomes dry, searing over the cut and preventing the free passage of water into the stem.

Some growers cut each grade separately; others gather all qualities together, grading afterwards. With the former method there is no need of delay in getting into water; neither is there with the latter, but I am aware of the custom of grading before putting into vases and would caution against this needless delay.

Never use scissors to clip the stems; this mangles the tissues and reduces the capacity of the stems to draw water.

Have the water in the vases about the temperature of the houses in which the blooms are grown.

When graded remove to a place free from draughts but not close or stuffy. The temperature here should be about 45 degrees.

Remember these blooms will continue to develop, so do not crowd too many in a vase.

Flowers after being twelve hours in the cooling room will be in excellent condition to pack for shipment or to sell over the counter. Many small details will suggest themselves, such as maintaining a pure atmosphere and absolute cleanliness in all operations. Attention to these minor points will result in producing "the smile that won't come off," at least for a while.

GEO. S. OSBORN.

PROPAGATING NEW SORTS.

Last spring we bought a few of some of the new sorts for trial but our summer was so hot that they did not do well. However, we got a few plants to bench. It always takes one or two years to get plants from the north acclimated here in the south. We want to grow as much of these new ones as we can from these plants. Will it do to keep them from blooming and make them furnish cuttings? I mean will it have any effect on the blooming qualities for next season? You understand we do not want to mismanage and then throw anything aside which is really a good carnation. Any information to secure as many cuttings as possible without injury to next year's crop will be appreciated.

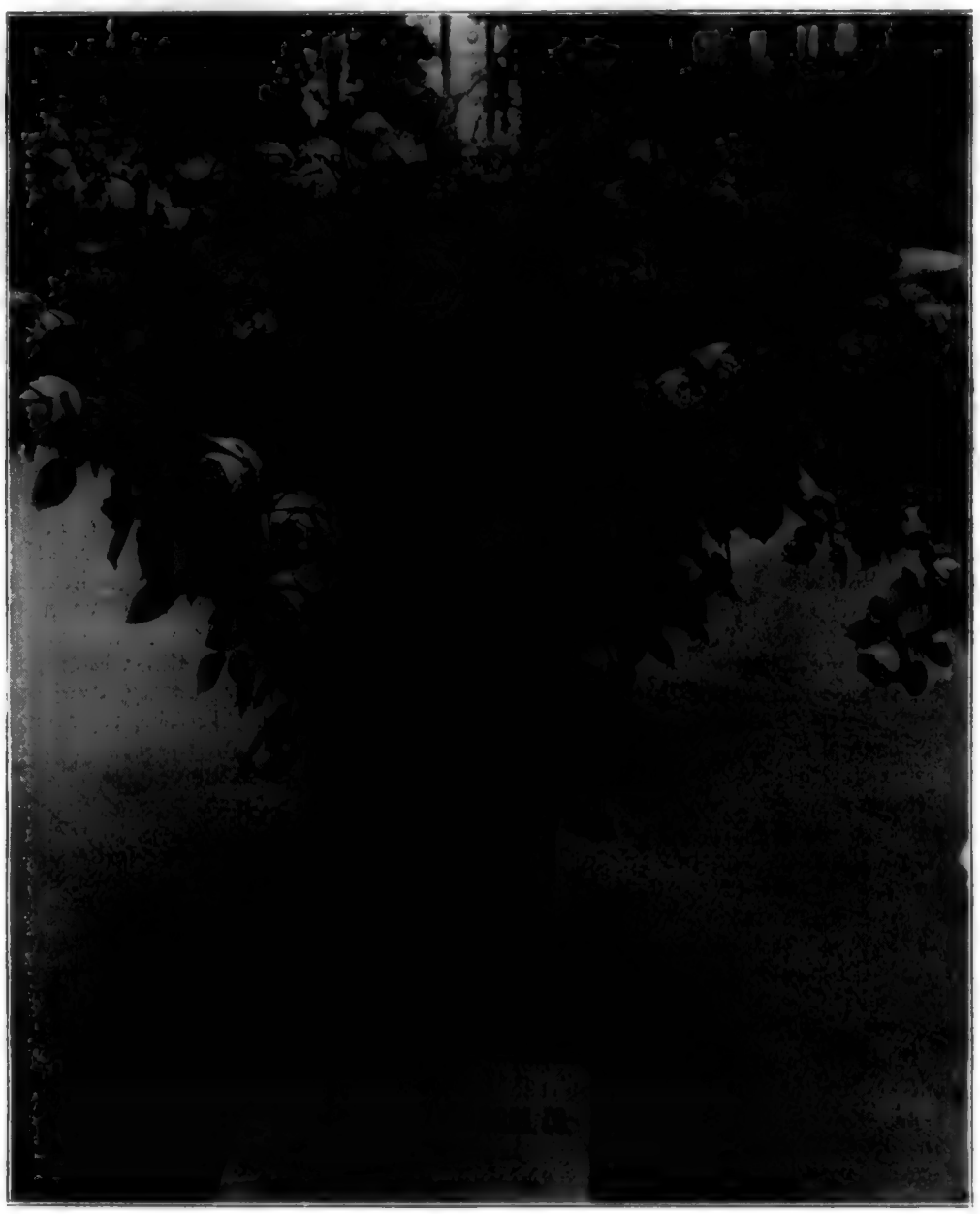
TEXAS.

There is no danger of impairing the blooming qualities if you are careful in selecting your cuttings and if you do not cut the plants down too hard each time you take cuttings. The blooming qualities will be impaired only just so much as the plant's vitality is impaired. You should bear in mind that in most cases when a variety makes a good record at the shows the demand for the cuttings is so great that the disseminator is hard pushed to make enough cuttings to fill his orders and seldom is his stock of the variety large enough to supply as many strong selected cuttings as he needs as early as we demand them. Consequently many a grand variety is sadly weakened before it leaves the disseminator's place and it would be ruinous to subject it to a second siege of overpropagating. However, if your plants are vigorous and in good health you need not hesitate to make all the good strong cuttings you can.

While it is a little early yet to fully make up your minds as to how many plants you want to bench of each one of the new ones next year, there may be some few which have struck your fancy and you will want all you can get, providing they do not develop some fault later in the season. I would not cut down all the plants for propagating this early, but leave at least a few plants to keep on blooming to see how it will behave throughout the season. You may possibly change your mind about some of them before spring, and think how sorry you would be next season with perhaps a whole bench or a houseful of a variety you would not have wanted at all if you had seen more of it while you had the chance. A dozen plants will give you a fair idea although of course a larger batch would be better.

Let each shoot on the plants show a bud before you cut it down to where the breaks will be strong. This will not give the plant any more check than cutting the blooms would and it will also prevent too many cuttings from being large enough to take off at one time, thus always leaving a quantity of growth on the plants while propagating. By going over the plants once in two weeks and taking off only the strong cuttings you will not rob them of too much growth and the plants will not be weakened. Whatever you do, don't take a lot of small, weak cuttings, as there is no surer way of weakening a variety than that. These small cuttings will grow into strong ones in a couple of weeks if left on the plants and the plants will be better off, too, by having them left on. If this method could always be adhered to by disseminators there would be less complaint about weak and soft cuttings, etc. Most of them begin propagating along that line, but usually long before the propagating season is half over the buyers begin to write for their cuttings at once, without delay, etc., until the poor disseminator is driven to taking every cutting in sight, and then trouble begins.

A. F. J BAUR.



Poehlmann's Winning 100 Beauties at the World's Fair Show.

RINGS THEM UP.

In the office at the greenhouses of J. F. Wilcox, Council Bluffs, Ia., there is a bell of about the size used on trolley cars, and it is connected with the telephone. As a result the foreman can hear the telephone call even if he happens to be in a distant range of houses. The big bell can be rung independently of the telephone and a card under it announces that one ring calls the foreman, two rings brings Mr. Wilcox, three rings calls a certain employe and four rings still another.

MINNEAPOLIS, MINN.—H. L. Patthey, of Murtfeldt & Patthey, promoter and manager of the Minneapolis Journal's sweet pea show of 1903 and that paper's mid-season flower show of Aug. 10, 11 and 12, 1904, was in Chicago this week attending the flower show.

ADAMS, MASS.—Robert Groves is preparing for his annual trip to New York with a big lot of Christmas trees. He reports a heavy demand for ferns.

DENVER, COLO.—The Denver Florists' Bowling League opened its season November 7.

HORTICULTURAL COUNCIL.

Pursuant to a call sent out by Chief F. W. Taylor, of the Department of Horticulture, some thirty gentlemen met at that gentleman's office at the St. Louis World's Fair on Thursday afternoon, November 10, for the purpose of considering what may be done for the advancement of horticulture, employing that term in its most comprehensive meaning. The meeting was opened by Chief Taylor with a statement of the need of an organization which should be recognized as having authority to speak for all branches of horticulture and which should be so alive to the interests of horticulture that it would come forward whenever any of those interests could be furthered. He outlined what good organization and energetic action had done for other industries at the World's Fair and expressed the opinion that, had horticulture spoken in time, equal results might have been accomplished. He pointed to the success of the World's Fair Flower Show and the presence of representative men engaged in many branches of horticulture as making the time propitious for action. He spoke of the many separate societies and the tendency to division, each to care for the needs in its own particular field, as inadequate to the needs on great occasions and urged unification. He introduced Prof. Wm. Trelease, of the Missouri Botanical Garden, to preside. Prof. L. R. Taft was appointed secretary.

Prof. Trelease said that he was in full sympathy with the project on foot but would confine his efforts to drawing the thoughts of others rather than expressing his own. Papers had been received from several gentlemen, setting forth their ideas of the direction in which lie the interests of horticulture. Those of Luther Burbank, Wm. Falconer, Wilhelm Miller and G. C. Watson were read. These led up to the question of ways and means, the discussion being participated in by F. R. Pierson, H. C. Irish, J. C. Vaughan, H. G. Selfridge, Philip Breitmeyer and others. On motion the chairman was instructed to appoint a committee of seven with power to prepare a plan for the organization of a National Council of Horticulture and call a meeting for permanent organization to which all horticultural bodies shall be invited to send delegates. The committee will be announced after the acceptances of the appointees have been received.

A few minutes after the adjournment of the St. Louis meeting a paper was received from Prof. C. S. Sargent, of Arnold Arboretum, setting forth his thoughts on the subject of national horticulture.

PHILADELPHIA.

The Market.

The market conditions have perceptibly improved, with prospects of further improvement before the week ends. The mid-season varieties of chrysanthemums are practically over and from now on there is certain to be a good demand for all nice blooms. The foot ball games last Saturday caused a lively rush for yellow chrysanthemums, violets and red roses. Our Dear Friend proved a winner on this occasion. The wintry weather with which the week opened curtailed the production of roses and carnations. Prices are firmer, but there is little probability of an advance before next week, except perhaps on fancy stock.

Bowling.

A match of five games was played at the terminal alleys last week between three-men teams representing Samuel S. Pennock, and J. J. Habermehl's Sons. The former team consisted of C. J. Watson, R. G. Sheigley and Charles Gray, the latter of John Wilson, James Haley and John Nesbit. The wholesale team was victorious, winning four games out of five. A return match is planned for Thursday of this week, to be played on alleys up-town.

Germantown Horticultural Society.

The November meeting of the Germantown Horticultural Society was fairly well attended and proved very interesting. Robert Kift read an interesting paper on "Horticultural Societies and Their Mission" which was heartily applauded. S. M. Meehan gave a talk on "Hazelnut Culture" which brought out a debate. A general discussion followed. There was a very pretty exhibition of chrysanthemums. In the regular classes John F. Gibson took the blue ribbons and Albert Woltemate in red.

Various Notes.

M. Rice & Co. have just purchased a property at 1220 Race street, where they will erect a modern fireproof six-story building for their florists' supply business. The building will contain nearly 12,000 square feet of space and is expected to be ready by July 1, 1905.

J. J. Habermehl's Sons expect to open their new store in the Bellevue-Stratford as the REVIEW goes to press this week.

Joseph G. Champion, of New Haven, was in town a few days ago looking up violets for the Yale-Harvard foot ball game this Saturday.

Charles E. Smith, of York, Pa., was a visitor at the show last week.

Wm. J. Muth, of the Cut Flower Co., noticed that business improved on the day after election. This improvement has continued since.

J. A. Smith, of the H. F. Michell Co., reports that their spiræa and valley arrived in good shape. Philip Freud was much complimented on his arrangement of the mushroom exhibit of the Henry F. Michell Co. at the show. The mirrors at each side made the bed appear like an unending field.

Paul Bender, who was assisting Secretary Rust last week, started work on Monday for D. E. Gorman, of Williamsport, Pa., as foreman.

Harry Weiss has resumed charge of his brother's rose-growing plant at Hatboro.

James Heacock staged his father's blue ribbon vase of American Beauties at the show.

S. S. Pennock is the fortunate distributor of the fancy Liberties grown by Edward Towill.

The William H. Moon Co.'s group of conifers was much admired at the show.

J. Wm. Colflesh, who was one of the judges on plants at the show, is expected to address the December meeting of the Florists' Club on "Blooming Plants for the Holidays."

William E. Fowler, of Silverside, Del., was an interested spectator at the Bride and Maid table at the show.

William Swayne, of Kennett, predicts a bright future for Ward's new carnation, Robert Craig.

The Chester Hill Horticultural Society held its fall show on Tuesday and Wednesday in the society's hall.

Berger Bros. are getting some fine valley.

William J. Baker is getting Romans and Paper Whites.

In the note "There is Room at the Top" last week the words, Harry Fenn, crimson, were omitted. It is this variety that is considered by Mr. Stroud as his most prolific sort.

The Hightstown violet grower is Tracy H. Norton, not Percy Norton, as printed last week. The quotation he made should be: The warm weather is responsible for the warm weather. PHIL.

KANSAS CITY.

Various Jottings.

Trade has been fine the past week, a few weddings, plenty of dinners, card parties and receptions. Mums are the ruling flower just now, with a good demand. Prices are fair, ranging from $1.50 to $4 per dozen, poor demand for carnations and roses.

One of the features of the week was the opening reception of the Progress Club. The decorations were mums, palms and southern smilax furnished and arranged by the W. H. Humfeld Floral Co.

A. F. Barbe has added quite an improvement to his range near Elmwood cemetery, with a fine office and greenhouse. He is up-to-date in everything.

Several new stores have been opened in Kansas City in the past few weeks, but as yet they do not seem to have any effect with the growers.

W. H. Humfeld has just completed two carnation houses and one for coleus on his home place at Tenth and Highland.

Arthur Thornhill is contemplating moving his greenhouses from Rosedale to Westport.

One thing I would like to see and that is all the florists in Kansas City better friends with one another. Boys, we of the busiest and best city in the west can't afford to lock horns. Let us revive our club and get into the S. A. F.

Ed Ellsworth, manager for Kellogg, on Grand avenue, reports a good trade. He is a hustler and is stocking his store with everything pertaining to the profession, up-to-date in every particular.

W. L. Rock, of our city, took first prize at the Fair on table decorations.

Nelson Jarrett, out on the rock road, stays close to home these cold nights, but in spring when the birds begin to sing Nelson will emerge and then the market will boom.

Will Bridgeland, foreman for R. S. Brown, claims he has the finest Eatons in the state and reports good business in all lines.

A. Blankenfeld, whose place is in Westport, is busy stowing away cannas, of which he makes a specialty. In addition he is going into the chicken business and is raising Black Leghorns for the retail market. NARCISSUS.

WINONA, MINN.—The Winona Floral Co. hired a hall and gave a flower show November 10 to 12. They charged a small admission fee and did right well. These young men are hustlers.

PITTSBURG, PA.—Among the parties exhibiting mums at the last club meeting were the Valley Greenhouse Co. They are located at Sewickley and have been turning out very good stock all fall.

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

THANKSGIVING

Plenty of Beauties Plenty of Mums
Plenty of Roses Plenty of Carnations
Plenty of Everything

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AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$5.00 to $6.00
24-inch stem	4.00
20-inch stem	3.00
16-inch stem	2.00
12-inch stem	1.50
Short stem	1.00
	Per 100
Brides and Maids	$4.00 to $8.00
Meteors and Gates	4.00 to 8.00
Liberty	4.00 to 10.00
Carnations, select, all colors	2.00 to 3.00
" large and fancy	4.00
Mums, large, per doz., $2.50 to $3	
" medium " 1.50 to 2	
" our selection	15.00
Violets	1.00 to 1.50
Valley	2.00 to 4.00
Callas, per doz., $1.50	
Paper Whites, Romans	3.00
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns, per 1000, $1.50	.20
Galax, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Adiantum Croweanum	1.25
Smilax, per doz., $1.50	10.00

Subject to change without notice.

Mention The Review when you write.

CHICAGO.

The Market.

Seasonable cool weather arrived at the close of last week and has had a considerable effect in reducing receipts, which have been further cut down by the practice which many growers refuse to abandon of storing up stock for a holiday. The result is that this week has found the market but scantily supplied. With demand fairly active it has become somewhat difficult to supply all requirements and prices are on the upward grade. It is likely that the end of the week will see the full Thanksgiving list in force and the growers will be serving their own best interests if they let the stock come along then, instead of holding it until after the shipping demand for Thanksgiving has ceased. This promises to be very heavy but it will come practically to an end on November 22.

There is every prospect of good supplies in all lines for the Thanksgiving business. Some of the mid-season varieties of chrysanthemums will be cut out, but the good late sorts will be abundant and of very fine quality. There can be no question but that the stock in general, including chrysanthemums, roses and carnations, will be of better quality than usual for Thanksgiving. Chicago made the show at St. Louis last week, where the uniform high quality of the exhibits was generally commented upon. Chicago is making a show for herself this week and next week the local growers will devote their energies to making a show for their customers on Thanksgiving orders.

The Beauty crops are running largely to long-stemmed stock and quality is superb. Tea roses are not as abundant as they were, but average quality is better than at any time so far this season. Carnations are already up to the best mid-winter standard and from all indications this market is to have a superior quality of this flower all through the season. Every grower reports the plants looking better than ever before at this date.

The receipts of violets have shortened in keeping with the decrease in other lines. Good singles were sold at $1 per hundred early this week and good New York doubles at $1.50, which are the prices quoted in the advance Thanksgiving lists. There are likely to be further advances on this item for Thanksgiving. Red roses, too, are stiffer in price and are likely to go above quoted rates for the holiday.

Smilax has become one of the plentiful items and is weakening in price. Other items of green goods hold about as heretofore.

Various Notes.

The banquet committee, John P. Degnan, chairman, has made arrangements for the annual supper to take place at the Union Hotel this evening. It is expected that a large number of visitors will be present and that the supper will be one of the most largely attended in the history of the local trade.

E. E. Pieser says that the growers who have made the most money on mums this year are those who have produced such sorts as Ivory of medium grade. These flowers have sold in quantity at prices which paid better than the production of exhibition stuff.

C. W. McKellar reports that it is just between crops with orchids for flower show week and that the demand, particularly for cattleyas, exceeded the supply.

John Poehlmann, manager of the selling department of Poehlmann Bros. Co., and Miss E. E. Parker were married Saturday evening at the bride's home at Morton Grove. They are receiving the congratulations of everyone in the trade, to most of whom the announcement was a surprise. Mr. and Mrs. Poehlmann have taken up their residence in the city.

Peter Reinberg has gone to Butternut, Wis., with a party of hunters for a two weeks' outing. Mr. Reinberg's new residence is nearly finished. The Foley Mfg. Co. supplied all the interior finish. When Mr. Reinberg moves into the new home, Leonard Kill will move into the old Reinberg residence next door.

George Reinberg shipped one order on Tuesday which included 1,050 Beauties, mostly long-stemmed.

The E. F. Winterson Co. reports a good business in the line of wild smilax, which seems to be going better this season than it did last year.

Messrs. Herrington and Duckham, judges at the St. Louis flower show, visited the Poehlmann Bros.' establishment at Morton Grove on Monday to see how the prize stock looks on the plants.

L. Coatsworth reports that the call for seed of the Benthey aster promises to exhaust the supply in a very short time.

E. C. Amling reports that he has another big crop of smilax just ready to cut. He has had a big business on "green goods" this fall.

The A. L. Randall Co. is rearranging its counter space and building a new cool room for carnations.

Weiland & Risch have put in arc lights to take the place of gas in their store, which was already well lighted.

Vaughan & Sperry are still getting very fine Kaiserin roses.

Adam Zender has three big houses of Chatenay. A part of his cut goes to Milwaukee.

The town is full of visitors this week, attracted by the flower show.

BOSTON.

The Market.

Business has not been anything to boast of during the past week, but happily the avalanche of chrysanthemums is passing away. After several rather depressing days the market stiffened on November 12, all flowers clearing out nicely. The cheaper grades of chrysanthemums are now coming in less freely and another week will see about the last of these. Good blooms average from $1.50 to $2 per dozen. Prices on American Beauties, Brides and Bridesmaids remain about the same. Liberty, however, is in strong demand, bringing up to $10 per hundred for the best. Carnations show a slightly hardening tendency and will advance as the mums decline. Violets are more plentiful, but there is a brisk demand, the best going as high as $1 per hundred. Lily of the valley maintains previous quotations. Paper White narcissi, bouvardia, mignonette, Easter lilies, sweet peas and pansies are seen in the market in small quantities. Adiantum and asparagus sell better.

A Visit to Brookline.

The garden committee of the Massachusetts Horticultural Society paid a visit to the estate of Joseph H. White, Brookline, on November 10, to inspect the greenhouses. The head gardener, James Wheeler, who is the newly elected vice-president of the C. S. A., met the party on arrival and showed them every courtesy. The palm house was espe-

cially interesting to the visitors. The dimensions of this house are 35x60 and twenty-five feet high. It contains many beautifully grown specimens, among which were noted Cycas circinalis with 100 fronds over eight feet in length. Very handsome plants of Kentia Belmoreana, K. Forsteriana and K. Australis, arecas, rhapis, pritchardias and other palms. Theophrastus imperialis, not often seen in good condition, carried leaves over four feet long. Two large specimens of philodendron (Monstera delicosa) were fruiting freely. Some fine adiantums over five feet across and beautiful Nephrolepis Piersoni were noted. The back wall was clothed with ferns and begonias and the ground covered with Lycopodium denticulatum and Begonia Rex.

The committee was favorably impressed with a seedling dracaena in the way of D. Cooperi, but with darker and broader leaves. The rose house was in the pink of condition. Varieties grown are Bride, Bridesmaid, Liberty and Wootton. The plants were two years old, had been tied down and broke finely. Mr. Wheeler stated that the average production per plant of Bride and Bridesmaids from October, 1903, to November 1, 1904, was forty-eight flowers, of Wootton sixty-four. The carnations were remarkably fine, such varieties as Enchantress, Lawson, Mrs. Patten, Boston Market and Fair Maid being grown.

A new single violet was very interesting. It is a sport from Princess of Wales. The foliage is heavy and extra vigorous and the flower larger and rounder and of a beautiful dark blue color. The committee considered it superior to Princess of Wales and it is likely to be heard from in the future. Chrysanthemums in all the best of the new and older varieties were noted in quantity. Of these Mr. Wheeler was for years a very successful exhibitor. Batches of Begonia Gloire de Lorraine, cyclamens, primulas, poinsettias and other seasonable plants were in fine condition. It was rather a surprise to see excellent asters still blooming in the open, with shutters and cloth protection at night. Everything on the place was clean and well grown, showing that a skilled practitioner was in charge.

Various Notes.

N. F. McCarthy & Co. have had a large auction sale of hardy roses and shrubs the present week, stock being from Dutch and American sources. Prices have been satisfactory.

The first poinsettias of the season were noted in a store window on November 15. One or two growers expect to have a nice lot of bracts in for Thanksgiving. Roman hyacinths have also made their appearance.

W. W. Rawson, of Arlington, was elected by a handsome majority to the governor's council from his district in the late election.

The new governor of Massachusetts, W. L. Douglas, the well-known Brockton shoe manufacturer, who carried a strong Republican state for the Democracy, is an ardent flower lover. Only a few weeks ago he made a large distribution of plants from his gardens for the poor of his city.

Welch Bros., who do a very large commission business in Boston, are receiving some very high-grade roses, carnations and chrysanthemums from the many growers whose cuts they handle. They report business as being very good.

The Gardeners' and Florists' Club elected officers for 1905 on November 15. They will hold their next field day with Wm. Nicholson, Framingham, about the middle of December.

The chrysanthemum show proved a distinct financial success, the receipts being much larger than in 1903. Music proved a great drawing card and well paid for itself.

Lord & Burnham Co. are working on the following new contracts: Samuel Kinder, Bristol, R. I., four houses; M. Hazelton, Turner's Falls, Mass., one house; Norcross & Stratton, Grafton, Mass., two houses; Judge Moore, Prides Crossing, Mass., two houses.

D. F. Roy, Robert Marshall and William Anderson were at the show at New York last week and took along about a score of their specimen plants from the Boston show.

A few blooms of a beautiful deep flesh-colored carnation from Zenas Crane, Dalton, Mass., E. Dolby, gardener, something in the way of Marquis but much superior, attracted much favorable notice at the recent show.

The Rosary, as J. J. Casey's new store on Bromfield street has been called, is very attractive. It is located in the rear of Music Hall and Mr. Casey merits a good share of the public's patronage.

That the new halls of the Massachusetts Horticultural Society are admirably adapted for keeping cut flowers in fine condition was attested at the recent show. Most of the carnations were as fresh on November 7 as when staged four days before.

William Nicholson is still shipping some very fine chrysanthemums to the Park street market. E. N. Peirce & Co., in addition to a big quantity of the same flowers, are forwarding a fine lot of all the best carnations, their Enchantress being extra good.

Thos. Galvin, in a window display of orchids last week, showed some remarkably fine spikes of Zygopetalum Mackaii.

W. N. Craig.

CLEVELAND.

The Market.

Since my last notes on the condition of business, a change has come about. One or two functions of magnitude have fairly cleaned the market and a brighter prospect is in view. A great number of debutantes' parties and weddings are on the calendar and small functions will assist in making this a banner season.

The demand for roses is still slow and the commission man is glad the crop is about off. Prices remain from $2 to $5 per hundred. Beauties are beginning to arrive and $3 per dozen for the best is asked. Carnations are selling well and the market is cleaned up every day. Some very fine Enchantress and Lawson are being handled by the Cleveland Cut Flower Co. Although "mum" is still the word, their time will soon be at an end. Thanksgiving will in all probability wind them up for this season.

Various Notes.

A visit of the members of the British Iron Institute at a recent date made quite a demand for high grade flowers. Several entertainments and a large banquet wound up their visit. The G. M. Gasser Co. had the banquet decoration at the Chamber of Commerce. It was an elaborate affair and used a very large quantity of stock. Mums predominated and a very satisfactory arrangement was the result.

Smith & Fetters had charge of the Hale funeral, which brought out some very fine design work and tasty bunches. Beauties, orchids, valley and mums were used largely.

James Eadie, of Erie street, is receiving some nice Beauties and Meteors from his new plant on Shaw avenue.

Parks is doing a fine trade in the Citizens building. He is handling the finest grade flowers.

At Pentecost's place, on Republic street, Lawson and Crane are doing nicely, with good flowers and long stems. Their mums are good and they will have a large cut for Thanksgiving. A fine batch of cyclamen gives evidence of high culture.

Just across Rockefeller park we find Fred Naumann looking well. Here is an interesting batch of seedling carnations. Some good red, white and pink are in flower and may be heard of later. Some extra well grown mums, flowers of the exhibition variety, are seen here, and Appletons that could hardly be beat. Mr. Naumann says the florists won't pay enough for high grade blooms so will retail them himself. All the newer varieties are being tested.

Another short jaunt brings us to George Smith's place on Wade Park avenue. Although not a large plant, it is a model of neatness. The best of stock is produced here and finds a ready sale at the store end. A bench of Lawson was a beautiful sight, healthy and vigorous, full of bud and bloom. Mums are grown here and the finest flowers bring the best results. A superb batch of Begonia Gloire de Lorraine proves that George knows how it is done. Cyclamen are also good and so are his primulas. In fact everything looks well.

Merkel Bros., of Mentor, are sending some extra fine mums of the leading varieties to Mr. Wagner, on Erie street. A visit to their greenhouses is a rare treat, as here we see all the up-to-date varieties of mums, both Australian and American. The carnations are doing splendidly. Enchantress is in full crop. Nelson Fisher as done here is very fine. Lawson, Flamingo and other varieties are also doing nicely.

Bate Bros. will have a good cut of mums and carnations for Thanksgiving.

The Essex Greenhouses are sending in some fine Beauties and carnations.

Forest City.

NEW YORK.

The Market.

The week opened with clear, cold, seasonable weather. The big flower show is in full blast and society has endorsed the horse show, as is its custom. Retailers are busy. Violets were in demand beyond the supply and specials easily brought $1.50. But the prices of roses, carnations and about every other variety of flower remain stagnant. The improvement materializes slowly and yet it is as inevitable, as Thanksgiving is at our doors and Christmas is only five short weeks away.

Club Meeting.

Monday evening, November 14, the regular meeting of the New York Florists'

AT THE SIGN OF JACKROSE TRADE MARK

FOR
THANKSGIVING!
PLENTY OF
MUMS
CARNATIONS
BEAUTIES
And other Standard **Roses, Violets,** etc. Headquarters for all **GREENS** and "Superior Quality" Brand **WILD SMILAX.** Chicago market quotations.

A DAILY SHIPMENT
FROM 40 TO 50 GROWERS

THERE MUST BE A REASON FOR OUR LARGE and steadily increasing shipping trade. We believe it is because of the fact that buyers appreciate our ability to supply the right kind of stock at the right time. As the old saying goes: "THE PROOF OF THE PUDDING IS IN THE EATING," and if you are not already with us, a trial order is all that we need in order to furnish the "proof." Write, telephone or telegraph.

CHICAGO MARKET QUOTATIONS

CATALOGUE FREE

E. F. WINTERSON CO., CHICAGO
45, 47 AND 49 WABASH AVE.

Club was held. Over sixty members were present. It was chrysanthemum and carnation night and a magnificent exhibition of new varieties was made, limited in numbers, but as choice as any exhibit ever made in the rooms of the society. Three immense vases of the new pink sport of W. H. Chadwick, named W. S. Allen, were exhibited by A. N. Pierson, of Cromwell, Conn. The carnation display was beyond criticism. John N. May displayed Phyllis, Weber & Sons, of Oakland, Md., My Maryland; Guttman & Weber, Victory, and C. W. Ward four fine sorts, Robert Craig, Judge Hinsdale, Ethel Ward and Lieutenant Peary, every one of them a gem in its class.

The resolutions on the death of the very Rev. Dean Hole were read with much feeling by Alex Wallace and a rising vote of acceptance demonstrated the respect of the club for his memory. John Birnie read the resolutions on the death of John Reickert and Charles Weathered those on the death of J. B. Hyatt, both reports being received and copies ordered sent to the bereaved families.

The nominating committee reported the following names: For president, F. H. Traendly and John Birnie; vice-president, S. S. Butterfield and J. Austin Shaw; for secretary, John Young and A. H. Langjahr; for treasurer, Charles Weathered and William Elliott; for trustees, Walter Sheridan, John Scott, John I. Raynor, L. B. Craw, John Nash, John Reimels and A. S. Burns. The five new members proposed at the last meeting of the club were duly elected and Jas. Taylor, of Southport, was proposed.

Patrick O'Mara addressed the club in behalf of Prof. Johnson, who is a candidate for the place of assistant secretary of agriculture. Strong resolutions were adopted endorsing Prof. Johnson. C. W. Ward endorsed the resolutions heartily and announced he had for some months given Prof. Johnson his best efforts.

The committee on awards reported on each and announced its intention of visiting the Cottage Gardens to inspect the new white, Ethel Ward, and Guttman & Weber's, at Lynbrook, to see Victory growing and John N. May's to inspect Phyllis. Each exhibitor was given an opportunity to tell of the habit and other merits of his variety and each invited members of the club to visit them and see the stock growing. Mr. Wallace suggested the appointment of a day on which the club members collectively should visit the headquarters of the new carnations and the officers of the club were appointed a committee to make the necessary arrangements.

The second Monday in December will be florists' supply night and it will be made as interesting as possible, being the last club meeting in its most successful year.

Various Notes.

John Young is receiving a fine supply of those grand new carnations from the Cottage Gardens, samples of which were on view at the club meeting.

John Scott's new fern seems to be in every retail establishment in New York City. Its commercial value is being demonstrated everywhere.

Elliott's big auction comes to-morrow and Cleary's Horticultural Hall will have immediately its great sale of hardy roses.

Kretchmar Bros., formerly of Flatbush, and for some years resting on their oars, are again back in their favorite work of carnation growing at the old stand in West Nyack, N. Y.

President Amos, of the Cut Flower Exchange, Coogan building, has been forced to use "the big stick" mornings lately, enforcing the rule that no baskets are to be opened before 6 a. m. He believes rules are made to be obeyed.

Aug. Schroeder, of Elmhurst, L. I., was robbed of all his best mums last week, the thieves doing a great deal of damage to other stock.

Bobbink & Atkins are finding it difficult to keep ahead of the orders for their plant tubs. They are hand-made, of oak or cypress and a large force is constantly employed in their manufacture.

Bowling.

The club enjoyed its first afternoon practice last Monday. Next Monday night at 8 o'clock the match between the Flatbush and New York begins. A good deal of interest is being taken in this contest and a record crowd is expected. The new alleys on the first floor of the Puritan Cafe, on Thirtieth street, near Eighth avenue, will be used on this occasion. Monday's scores were:

Player.	1st	2d	3d	4th	5th
Marshall	115	137	234	133	157
Shaw	151	136	155		
Kessler	133	126	107	130	128
Holt	142	141	129	111	185
Haffner	126				
Guttman	128	128	157		
Butterfield	107	149	149		
Traendly	127	154	141		
Lang	191	136	160		
C. W. Ward	104	115			
Young	94	102			

J. AUSTIN SHAW.

DENVER, COLO.—The partnership between C. & F. Davis has been dissolved, the latter having sold his share to the former, who will continue the business.

American Beauties

We have a fine crop of long stem American Beauties on for Thanksgiving. Can supply large orders on short notice.

Fancy Roses and Fancy Carnations
That can not be duplicated elsewhere in Chicago.

CHRYSANTHEMUMS
Can fill all orders with the choicest stock.

We solicit your rush orders for Thanksgiving in anything the market affords.

A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

PITTSBURG.

The Market.

Business the past week was extremely quiet, at least until Thursday; stock cleaned up fairly well the last of the week. Mums were a glut and many were sold at disgraceful prices in order to move them at all. No doubt some of the commission men will blush when they mail reports to growers.

A Large Decoration.

The event of the week was the Darlington wedding. A. M. Murdoch had this and made old Trinity church a vision of beauty. On each side of the chancel were groups of palms and white chrysanthemums, while in the chancel proper were white mums and cattleyas tied and looped with pale blue ribbon. On the altar were bunches of lilies. Just below the capitals of the pillars were clusters of white mums tied with broad blue ribbon and the pillars partly hidden with sprays of asparagus. The galleries bore festoons of smilax and asparagus fastened with ribbon. At the end of each pew in the center aisle was the same arrangement of smilax and narrow ribbon, while every fourth pew bore a cluster of cattleyas. At the Darlington home the decorations were notable. In the drawing room was an arch of orchids. The mantels were banked with cattleyas and Farleyense. The library was done in American Beauties. The hallway to the fourth floor was done in yellow mums. The pink rose, Tom Field, was used in the lower dining room and red roses in the upper. The bridal table had a great dome of cattleyas and Farleyense and directly beneath was a large centerpiece of Bride roses, valley and white orchids. The bridal bouquet was of white orchids showered with dendrobium blooms. The maid of honor carried a bunch of vandas. The bridesmaids carried bouquets of cattleyas, the flower girls carried baskets of valley. The bouquets were not the regular shower bouquets, but a beautiful and somewhat similar effect produced with ribbons. The whole decoration was much out of the ordinary.

Various Notes.

L. I. Neff has a bench the length of one of his houses in roseum lily which is just coming in, and he expects to cut for the next six weeks. They will come in handy when the mums are out of the road.

Jim Higgins was in a B. & O. wreck last week. The worst he got was a good shaking up. Hoo-Hoo.

ST. LOUIS.

The Market.

The florists' business during the past week was fairly good. Winter weather has arrived and made stock of all kinds look much better and the wholesale market much less crowded. Prices have gone up a little on carnations and roses. Social work among the upper class is still lacking, though up-town florists who cater to this trade say that not until the World's Fair closes will society entertain home friends. Carnations are not so good as one would like them to be. Of the real first-class flowers the percentage is as yet very small and, as these are the only ones in demand, the market may be called short in supply. The price for fair stock is $3 per hundred, $2 and $1.50 for the others.

The rose stock is somewhat better in quality and supply. Extra fancy are $8 per hundred in Liberty, Carnot and Meteor. No. 1 bring $6 and seconds are sold at $2 to $3. Fancy American Beauties are not so many at $4 per dozen, but mediums are now $2 to $2.50, shorts $6 to $8 per hundred.

Chrysanthemums are still plentiful. Extra fancy sell well at $3 per dozen, second choice $1.50 to $2 per dozen, small white and pink Ivory bringing $4 to $5 per hundred. It is said that chrysanthemums will not average in price as much as last season.

Violets have advanced within the past few days to 60 cents per hundred. The cold weather has brought them better color and longer stems and from now on they will occupy their proper position in the market. Lily of the valley continues in good supply. Romans and Paper Whites demand $4 per hundred, stock extra good.

Everything points to a big demand for Thanksgiving day and from reports stock will be somewhat scarce with advanced prices.

Various Notes.

The World's Fair Flower Association's big show the past week in the Horticulture building was a great success. The first two days the paid admission averaged over 6,000. Wednesday and Thursday the bad weather kept many away and the attendance fell away below the mark. Friday the crowd was fairly large, but Saturday it was enormous and Manager Hauswirth was all smiles. President Breitmeyer, E. G. Hill, J. F. Ammann and James Hartshorne lent great assistance at the door on Saturday, as the crowd was too large for any two men to handle. The show did a great deal of good to the local trade and will no doubt be of great benefit to the Florists' Club when it holds its annual show next year.

Martin Reukauf, of Bayersdorfer's, and B. Eschner, of Rice & Co., Philadelphia, took in the big show and both report a profitable stay in the city.

The new white begonia, Turnford Hall, exhibited by J. A. Peterson, of Cincinnati, was a decided novelty and is certainly of great commercial value.

Belle Miller and her sister, of Springfield, Ill., spent Friday at the show looking up new varieties in roses, carnations and chrysanthemums. Miss Miller is sending to this market daily some extra fine stock which is handled by Frank Ellis.

Judge and Mrs. Vesey, of Fort Wayne, were at the show and took many prizes with their fine stock. It is handled in this market by Charles Kuehn.

Ostertag Bros. bought all of the Siebrecht & Son's exhibit in the conservatory of the Horticulture building, which was one of the largest exhibits in plants at the World's Fair. Leo Ostertag made the sale the past week during the flower show.

The meeting of the St. Louis Florists' Club on Thursday afternoon in the Horticulture building was not so well attended as expected. No business of any importance was transacted. This was all left over until the December meeting. After the regular routine business was disposed of they adjourned to F. W. Taylor's office where a meeting of the visiting florists was held, Prof. Wm. Trelease presiding.

George B. Windler, one of the prominent members of the Florists' Club, is to be married on Tuesday, November 22, to Miss Anna Margaret May. The members of the club I know are with me in congratulating Miss May on her choice, as no member of our craft has more friends than George Windler. Mr. and Mrs. Windler will be at home to their friends on Thursdays after January 1, at 4059 De Lore avenue.

Wm. Kalisch, of the firm of Wm. Kalisch & Sons, Delmar and Taylor avenues, was painfully hurt on Saturday by the street cars, which ran into his wagon on his way to the World's Fair. From reports of his son Monday morning, his father is resting easy, but it will be two weeks before he will be able to attend to business. J. J. B.



Improved Hanson Lettuce as grown for Seed in the Santa Clara District, California.

Vegetable Forcing.

RHUBARB.

I was interested in Mr. Croydon's article on rhubarb forcing in a recent REVIEW. Will he please tell us the best treatment to give the roots after they are through bearing? We would like to use ours again as the cost of fresh roots is considerable. C. L. W.

In the article on rhubarb forcing referred to I purposely omitted the after-care of roots, as I don't think it pays to hold them over. The unnatural conditions to which they are subjected when forced so saps the vitality of the plants that it takes considerable time and trouble to get them back into a good, healthy condition. Where old plants are used for forcing there is always more or less rot. Some of the crowns having reached the seeding stage, from these only a few stalks of good rhubarb are procured, then the flower spike is produced, after which the crown, having exhausted all its strength in the effort, invariably rots. To preserve the old roots they require to be covered over in sand or some similar material until spring, kept as cool as possible but at the same time free from damp or frost. To attempt to force them again the next winter would be only courting disappointment.

If it is necessary to preserve them it is better to plant them out without dividing for one season, after which their vitality will be partially restored. Then the following spring the clumps can be divided up into single crowns. By fall they will have made quite some growth, but seldom make plants strong enough for forcing the first season after dividing. Fresh crowns that never have been forced, on the other hand, if divided in spring will make good forcing plants by fall. The best policy, then, if you have available ground, is to keep a stock of fresh plants coming on and throw away your crowns when they are removed from the forcing quarters.

In breaking up plants for planting in the open ground divide into single crowns, plant not too deeply, in a well enriched, deeply cultivated soil, allowing twenty inches or, if ground is plentiful, two feet between the plants. Keep well cultivated and refrain from pulling the stalks and you will be surprised at the growth they will make in one season. Being kept growing freely, there is little danger of them making flowering crowns and where that is avoided a much better crop can be depended on. Old plants in which the majority of the crowns will have reached the mature stage and formed flower buds will only give about one-third the returns that fresh, free growing crowns will give.

Another method of producing forcing plants is from seed. From this in two seasons good crowns can be procured, but, as the plants cannot all be depended on to come true from seed, division is the most satisfactory method.

W. S. CROYDON.

TROUBLE WITH LETTUCE.

I am having trouble with my lettuce. The under sides of the leaves are whitish in spots, something to the way mildew looks on other plants. After a while the leaves turn brown where affected. I enclose a specimen leaf and would like to know the cause and remedy for the trouble. A. D.

The trouble with your lettuce is mildew pure and simple and its presence denotes very unsuitable atmospheric conditions. The painting of your heating pipes in patches with a paste composed of sulphur and lime would help destroy the germs, but you must be careful not to overdo it or you will scald the edges of the tender leaves. Rather try and get at the bottom of the trouble by careful airing and the judicious regulation of atmospheric moisture. Avoid watering as much as possible during dull weather. Water only in the morning, so as to have the moisture all dried up before time to close down the house. Give air on all favorable occasions but avoid cold draughts by closing your ventilators gradually as soon in the afternoon as the air begins to get cold. More mildew is caused by careless airing than by anything I know and it will pay you to spend some time and trouble in the study of the airing question. When you have this down to a fine point I don't think you will have much trouble with mildew. W. S. CROYDON.

WE would not do without the REVIEW at twice the present subscription price.—G. H. TAEPKE, Detroit.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

VISITED CHICAGO: L. L. May, St. Paul; Max Wilhelmi, Lawrence, Kans.

J. M. CLARK, secretary of the Leonard Seed Co., Chicago, is on an eastern trip.

THE California growers are making full deliveries of all kinds of onion seed except Southport White Globe.

THE weather is favoring the green pickers in the northern woods but none but very small lots have yet reached market.

THE French bulb growers appear now to realize that there is a limit in price above which American buyers will not touch Romans or Paper Whites.

THE St. Louis News for November 6 has on its title page a portrait of Wm. F. Nicol, president of the St. Louis Seed Co., and contains an illustrated write-up of that firm's World's Fair exhibits, which included the floral clock.

IN THE Boston seed trade bowling league the standing of the teams now is: Joseph Breck & Sons, won five, lost one; R. & J. Farquhar & Co., won five, lost four; Schlegel & Fottler Co., won five, lost four; W. W. Rawson & Co., lost six.

THE country adjacent to Philadelphia once produced several tons of onion seed annually, but the estimated yield for 1904 is said to be less than 300 pounds and this is confined entirely to Philadelphia White Silverskin. The onion set crop is equally short. The few farmers who hold white sets refuse $4 per bushel for them.

AS an example of the importance of some of the seed-growing establishments at Quedlinburg, Germany, it may be stated that the firm of Henry Mette, founded in 1787, now grows 3,000 acres for seed crops and contracts for the crop of some 5,000 acres additional in the same vicinity. The pay roll has over 1,200 names, one half of whom are laborers, however.

VISITED PHILADELPHIA: Jas. Comont, representing James Carter, Dunnett & Beal, London, England.

A TOUR AMONG CALIFORNIA SEED GROWERS.

As we leave Santa Clara on our trip northward, the next point of interest is Palo Alto, where D. L. Sloan & Son showed some fine fields of onion seed and lettuce. This firm confines its efforts more particularly to these two crops, although it operates more or less along all the lines of the Santa Clara growers. Mr. Sloan lives quite near the Leland Stanford University and after seeing his seed fields he kindly drove us over to and through the grounds of this noted educational institution. His knowledge of the place made the side trip very enjoyable.

On the way from Palo Alto to San Francisco, Menlo Park, when called by the trainmen, brought recollections of a Sunset Seed & Plant Co. that had made Menlo Park a familiar word to a seedsman. The place is beautiful enough for the home of any sort of a seed or plant business, either at sunrise or sunset, and there was a regret that the company was no longer there.

Coming into San Francisco the numerous short windmills distributed among plats of vegetables growing on ledges like steps or stairs look peculiar enough, but the produce that is taken from these queerly situated gardens, both in quality and quantity, would satisfy any market gardener. The windmills are a necessity to pump water for irrigating for the crops and the ledges upon which the vegetables are grown are so situated as to make the irrigating process easy and efficient. Some time could be spent to good advantage in this part of San Francisco, for any one interested in the market garden branch of the trade. The hanging gardens of Babylon may have looked something like these.

At San Francisco two days were spent with the seed dealers. E. J. Bowen's business and warehouse was interesting from the fact of long establishment and because of the kindly personality of its head. E. J. Bowen was alive and in his office at the time of this trip. At Trumbull & Beebe's store Mr. Beebe did the honors. They have a nice store and do a good business. The Cox Seed Co. has a fine location, a nice store and offices and a commodious warehouse. In addition to their wholesale and seed growing interests they have a good retail trade. The other seed stores are creditable to the town.

As seed growers the Cox Seed Co. operates largely in the vicinity of Stockton, which is "up the river," with the difference of being down the river as well. The river branches at a certain point, one branch going up to Sacramento and the other going down to Stockton and beyond. Most of the Santa Clara growers operate on the Sacramento branch, which is the proper "up the river" locality as understood by them. The Cox Seed Co. has also growing crops at points other than in the Stockton vicinity and do an extensive business in this line.

The trip up the river was with Ben. Morse, representing C. C. Morse & Co. At the dock we met Charles Parker, who was also going up. The sail through the bay was enjoyable and as we neared the place where the San Joaquin and Sacramento rivers meet the scenery was remarkable, owing to the half submerged islands that lay apparently in all directions. Some of these islands, it was stated, had formerly contained valuable fruit and produce ranches and that a great deal of money had been used and was still being used in the effort to reclaim them. The steamer we were on took the Sacramento river which runs east and north. To one who had never before seen low lands surrounded by levee banks, the view, as the river narrowed, looked strange indeed. The tops of the fruit trees that were growing on both sides seemed just level with the water in the river, and at landing places, from the upper deck of the boat we looked down upon the fruits on the topmost branches. One could not but think of the disaster that a break in the levee would cause.

The steamer pushed along, making a number of stops before reaching Isleton where Mr. Morse and writer got off. Mr. Parker remained on board, going to Walnut Grove, or some other place near to his up the river plantings. What interest Isleton has for the visiting seedsman will be told next week.

SEED NOVELTIES.

Kohler & Rudel, Windischleuba-Altenburg, Germany, will send out a considerable number of novelties for 1905. Chief among them is a red perennial sunflower, the result of crossing Echinacea hybrida and Helianthus multiflorus. The plant and flowers attain great size. If sown early in a frame or greenhouse the plants bloom the first season but they do not attain perfection until the second year. The flowers are described as excellent for cutting for decorative purposes. Another welcome thing is a sky-blue form of Primula obconica. Primula Cashmiriana grandiflora is what the name indicates. Erigeron speciosus grandiflorus hybridus has a wide range of color and a considerable variety in form. Campanula persicifolia Pfitzeri has large double or semi-double blue flowers. Other new things are Viola cornuta Kommerzienrat Kohler, Aster hybridus, White Queen and Aster Amellus grandiflorus variegatus.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

SEED GROWERS
OF
Sweet, Field and Pop Corn, Cucumber, Melon and Squash Seed
We have a Surplus to offer. Be kind enough to ask for SAMPLES and PRICES before Placing Orders.
A. A. BERRY SEED CO., : : : CLARINDA, IOWA
Mention The Review when you write.

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, **CHICAGO**
Mention The Review when you write.

Burpee's Seeds Grow

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.

WATERMELON SEED Surplus. New crop, all leading sorts, strictly high-class, at reasonable prices.
ASK FOR LIST.
D. H. GILBERT, MONTICELLO, FLA.
Mention The Review when you write.

FOR SALE.
400 electrotypes for a complete seed and plant catalogue; also fruit and shrub cuts. Make me an offer; don't apply unless you want the lot. H. W. Koerner, Station B, R. 6 Milwaukee, Wis.
Mention The Review when you write.

Thorburn's Bulbs

JAPAN
Lilium Longiflorum
NOW ON HAND.
— ALSO —
LILIUM HARRISII and ALL DUTCH BULBS.
JUST ARRIVED—FRESH SEEDS.
Areca Lutescens....at $3.00 per 1000

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Lily of the Valley

Our Valley received 1st prize at the St. Louis World's Fair Flower Show.

ORDER NOW your Pips from cold storage for Xmas. $1.75 per 100, $15.00 per 1000, $35.00 per case of 2500.

Fancy cut Valley always on hand.

H. N. BRUNS
1409-11 W. Madison St., CHICAGO, ILL.
Mention The Review when you write.

TULIPS SINGLE EARLY

	100	1000
Artus	$1.00	$9 50
La Reine	.80	7.00
Cottage Maid	1 00	9.00
Duc Von Thol, scarl't,	1.00	9.50
Yellow Prince	1.00	8.00

STUMPP & WALTER CO.
50 Barclay Street, NEW YORK
Branch Store, 404 E. 34th Street.
Mention The Review when you write.

BEGONIAS Tuberous Rooted. Our Gold Medal Strain; Splendid Tubers, ready for shipment about November 25.
Single, in five separate colors $3 00 per 100; $27.50 per 1000; finest mixed. $2.75 per 100 $25.00 per 1000. Double, in five separate colors. $4.00 per 100. $37.50 per 1000; finest mixed, $3.75 per 100; $35 00 per 1000.
HUBERT & CO., Ltd.
N. LE PAGE, Rep. MT. VERNON, N. Y.
Mention The Review when you write.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to
JULIUS HANSEN,
PINNEBERG, (Germany).
Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

Special Offer to Close Out.

A magnificient lot of Lilies in prime condition, started now, they will flower readily for Easter, which will be late this season; April 23, 1905.

20,000 Lilium Longiflorum Multiflorum. 7x9, 300 bulbs to a case, $13.20 per case $44.00 per 1000.

4,000 Lilium Longiflorum Multiflorum. 9 x 10. 200 bulbs to a case $14 60 per case; $73.00 per 1000.

1,000 Lilium Longiflorum Multiflorum. 10 x 12. 170 bulbs to a case, $17.50 per case; $100.00 per 1000.

500 Lilium Harrisii. Japan grown, 9 x 11. $14.00 per 100. The true Harrisii of fine strain. Try a sample hundred: you will like them.

1,500 Selected Callas. $5 50 per 100; $50.00 per 1000. Nice round bulbs, suitable for a 6-inch pot. Very choice.

8,000 French Freesias. Mammoth size. Pure white. In fine condition. $5.00 per 1000; formerly $8.00 per 1000. A veritable bargain.

Henry F. Michell Co. 1018 Market St. **Philadelphia**
Mention The Review when you write.



Fresh Importation Just Received **ENGLISH**
Mushroom Spawn
Unquestionably the best imported into the country. The best is what you want—we have it. Don't sacrifice your time and money upon **liveless spawn. Per brick 15c; per doz. bricks** (about 18 lbs.) **$1.75; 25 lbs. $2.00; 100 lbs., $6.00.** Special prices on 500 lbs. and over.
NEW CROP SMILAX Per oz., 20c; ¼ lb., 60c; per lb., $2.00.

JAPANESE LILIES
Auratum, Album and Roseum DUE TO ARRIVE. WRITE FOR PRICES.
See our Bulb Offer in Nov. 10 issue, page 1268.
JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**
Mention The Review when you write.

BULB BARGAINS

		Per 100	Per 1000	Per Case	
White Roman Hyacinths	12-15 Cms	$2 50	$23 00	2,000	$45 00
	13-15 Cms	3 00	27 50	1,600	43 20
		Per 100	Per 1000		
Tulips, mixed, single or dbl.	Superfine large bulbs	$0.65	$6 00		

Arthur T. Boddington, Seeds Bulbs and Plants, 342 WEST 14TH ST. **New York**
Mention The Review when you write.

50,000 FREESIAS!—BERMUDA GROWN

25,000 FREESIA Refracta Alba, ⅜-inch diameter.....per 1000, $2.00
25 000 FREESIA " " ½-inch " .....per 1000, 4.00
BAMBOO PLANT STAKES—Just the right size for staking Carnations, Chrysanthemums, Geraniums, Roses, etc 5 feet and over, ¼ to ⅜ in., per 500, $2.75; per 1000, $5 00; per 2000, $9.00.
6 feet, ¼ to ⅜ in ..... " 3.25; " 6.00; " 11.00.
POSTITE—(Death to Mildew)—Prevents and checks Carnation Rust, Mildew on Roses, Plants and Vegetables. 5 lbs., 60c; 25 lbs., $2.50: 50 lbs., $4.00.

C. H. JOOSTEN, Importer, 201 West St., NEW YORK.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.
Mention The Review when you write.

SINNER BROS.

58-60 Wabash Ave., CHICAGO.

BEING located in the Growers' Market, with large supplies from our own greenhouses and the stock of two-score of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders.

GIVE US YOUR THANKSGIVING ORDER,
YOU WON'T BE DISAPPOINTED.

Thanksgiving Price List

BEAUTIES	Per doz.
Long Stemmed	$5.00 to $6.00
30-inch	4.00
24-inch	3.00
20-inch	2.50
15-inch	1.50
12-inch	1.50
Short stemmed	.75 to 1.00
	Per 100
Bride	$4.00 to $8.00
Bridesmaid	4.00 to 8.00
Meteor	4.00 to 8.00
Gate	4.00 to 8.00
Chatenay	4.00 to 10.00
Liberty	4.00 to 10.00
Carnations, good	1.50 to 2.50
" fancy	3.00 to 4.00
Violets	.75 to 1.50
Mums, good, per doz.	1.50 to 2.00
" fancy "	2.50 to 3.00
Valley	4.00
Callas, per doz.	1.50
Asparagus, strings, each	.50
" sprays, bunch	.50
" Sprengeri	2.00 to 4.00
Adiantum	1.00 to 1.25
Smilax, per doz.	1.50

Mention The Review when you write.

TROUBLE WITH ENCHANTRESS.

We come to you in trouble. We have a bed of Enchantress carnation benched in July, the glass put on early in September. It has been top dressed twice. A great many of the plants have long, healthy stems and buds, also two or three puny, yellow stems and buds on the same plant. If you could give us any advice it would be appreciated.

L. A. D.

I am inclined to think that the top dressing was too strong, or that you allowed the soil to get too wet right after it was applied. You do not state of what the top dressing consisted or the quantity applied, so I can only guess by the behavior of the plants. The fact that there are fine, long stems and sickly shoots on the same plants shows that there was a severe check of some sort and likely too much food just after it. Enchantress is a fine, strong growing variety when it is handled properly, but it easily loses its stride and usually the first signs are those sickly looking shoots. Let them get a little on the dry side and run them a little dry for a few weeks and I think the trouble will disappear. Just before you water them the first time, sprinkle a little air-slaked lime on the soil and water it in.

A. F. J. Baur.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A bright honest young man that has had some experience in the retail business; one who wants a steady position, and can give best of references. Answer by mail stating salary. If you smoke cigarettes do not answer. Ogden Floral Co., 848 West Harrison St., Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED AT ONCE—Boy or young man from 16 up, to help along in greenhouses; good place for a beginner Otto Bourdy, Lowell, Mass.

WANTED—Young lady of good character to work in floral store; good home and steady employment to right party; open Dec. 1. Address with particulars No. 72, care Florists' Review, Chicago.

FOR SALE—At Dayton, Ohio, a good opportunity to purchase an up-to-date and modern greenhouse, $3,500 cash or some time; over 7000 square feet of glass, 16x24 double; well equipped and stocked (carnations a specialty). Good market for all products in city of 100 000. Boiler capacity enough for again as much as present radiation. Address No. 73, care Florists' Review, Chicago.

SITUATION WANTED—As foreman; Beauties and teas; good propagator; best of references. Address Matthew G. Kinnaird, 67 Ashmead St., Germantown, Pa.

WANTED—Single florist for cut flowers and bedding plants. The F. Blondeel Co., Oak Park Ave. and Augusta St., Oak Park, Ill.

FOR SALE—Owing to death of proprietor, will sell established greenhouse situated in thriving southern city. No competition. For particulars address R. A. Schneider, 2962 Wabash Ave., Chicago, Ill.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel; cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

WANTED—In Northern Wisconsin, an all-around greenhouse man; experienced, sober and industrious; references required. Address No. 62, care Florists' Review, Chicago.

WANTED—Young man, 25; willing to do all kinds of work; wants a position in a florist store; with a chance to learn designing, with moderate salary. Address No. 63, care Florist's Review, Chicago.

FOR SALE—$25 00 buys glass and patented bars for small greenhouse, 9x30 feet. Geo. Staffinger, Pine Ridge, Buffalo, N. Y.

HELP WANTED—$20 00 to $50 00 per week. See 3½-inch adv. in another column. Address Spaulding Nursery and Orchards Co., Spaulding, Illinois.

WANTED—A good sober steady grower of roses, mums, carnations, etc.; will start at $15.00 a week; a steady place in the west; send copy of references in first letter. Address No. 68, care Florists' Review, Chicago.

FOR SALE—Greenhouses, perhaps the best paying thing in the Northwest; 4,000 feet of glass; cash only; write for particulars. Lester Park Greenhouse, Duluth, Minnesota.

WANTED—At once, competent carnation grower; single; state wages, with room; give references. South Bend Floral Co., South Bend, Ind.

WANTED—Thoroughly competent and experienced propagator, principally roses and carnations. Must be capable of showing good results. State experience, where last employed and wages wanted. Address, Lake View Rose Gardens, Jamestown, N. Y.

FOR SALE — Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

FOR SALE—50 boxes of 16x24 glass, A No. 1, double thick; 100 sashes 6x3 feet; will sell any part of same make an offer; cash please. Louis Derocher, 1133 N. Main St., Brockton, Mass.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 69, care Florists' Review, Chicago.

FOR RENT — Four greenhouses and dwelling, 6,000 feet glass, steam heat, well stocked with pot plants and vegetables, good home market, well located, 30 miles from Chicago, easy terms or will sell greenhouses and stock and lease land; only responsible parties need apply. Address, Crete Greenhouses, Crete, Ill.

SITUATION WANTED—German; single, sober; age, 32; first-class rose and carnation grower; 18 years experience; good reference; please state wages. Address No. 66, care Florist's Review, Chicago.

—FOR SALE—

On account of other business I will sell my Market Garden business (in Southern Illinois) at a bargain. Address

No. 71, Care Florists' Review, CHICAGO.

Mention The Review when you write.

WANTED.

First-class man for one of the popular New York stores. Must be capable, experienced and well recommended. Apply at once. Addressing,

FLORISTS' REVIEW, (J. AUSTIN SHAW,)
BOROUGHPARK, BROOKLYN.

WANTED.

At once a first-class store man, good designer and decorator. State salary and experience in first letter.

E. B. Mergenthaler,
E. WASHINGTON LANE,
Germantown, Philadelphia, Pa.

Situation Wanted

An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; married; can furnish good references.

Address No. 47, care Florists' Review, Chicago.

Wanted- A good, reliable young man, up to date in floral work of all kinds and must be a good salesman for a first-class retail store. Must be able to take care of small conservatory, etc.; state salary wanted and reference from last place; permanent position for right party. Address No. 43, care Florists' Review, Chicago.

FOR SALE

Five new houses, about 5000 feet of glass; Neat Store, etc.; Hot water heat; City water; on paved streets; in City of about 10,000. Have been established two years and eight months. The business has experienced its up-hill-pull and now is paying and promises well to anyone who is willing to push and has the means to assume the ownership at this time. Best of reasons for desiring to sell. Only those with serious intentions and cash, please reply. I am not offering something for nothing but have

An Excellent Opportunity

at a great deal less money than it can be built up for at any point.

H. H. COTTON,
Nebraska City, Nebraska.

SUZUKI & IIDA, 31 BARCLAY ST., NEW YORK

FRESH CROP OF PEAR SEED

DUE IN DECEMBER, $250 per 100 LBS.

Now is the time to book your orders for JAPANESE NURSERY STOCK for Spring Delivery.

WRITE FOR CATALOGUE.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

IN moving box, especially large plants, see that you get all the roots, or nearly all, at whatever cost of labor.

ALLEN T. VAWTER, who for fifty years conducted a nursery near Macomb, Ill., died November 4, aged 74 years.

T. C. MCPHERSON, of Troy, O., was found dead in a ditch near the Union station in Chicago November 6. Marks on the body indicated violence.

BAIRD & MURPHY, of the Tennessee Nurseries, Jackson, Tenn., report the largest deliveries of fruit trees in their history this fall, principally in the south and southwest.

HANKINSON, MINN.—W. W. Lilley and C. A. Chinberg have sold a half interest in their nursery to Wm. Strubel and Charles Carman. The business is to be enlarged.

WHILE a workman was repairing a light at the Jewel Nursery Co.'s place at Lake City, Minn., November 5, an explosion of gas took place which injured the man and partly wrecked the building.

THE nursery agent is to be looked to to find a planter for all the great quantities of fruit trees in course of preparation for next season. There is no limit to the amount of stock the farmers of the west will plant in the next few years if properly approached and honestly dealt with.

IN the south end of Jackson park, Chicago, a great deal of nursery stock is being planted this fall. There is still a large area which has not been reclaimed from the devastated condition in which it was left by the destruction of the World's Fair in 1894, but the finished part is in very good shape. An equally large task will be presented by the necessity for the restoration of Forest park, St. Louis, in a few months.

THE STORRS & HARRISON CO.

PAINESVILLE NURSERIES

Catalogues and price list free on application.

PAINESVILLE, OHIO.

Mention The Review when you write.

VAN DER WEIJDEN & CO.,

"The Nurseries," BOSKOOP, HOLLAND,

Have to offer **EXTRA FINE Blue Spruces** (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.

Catalogue free on demand. No agents. For the trade only.

Mention The Review when you write.

EISELE'S PRIVET.

NONE BETTER

	Per 1000
20,000—3-year, cut back, heavy, 2½ to 3½ ft.	$30.00
25,000—2-year, 2 to 2½ ft., strong	20.00
30,000—1-year, 12 to 18 inches	12.00

	Per 1000
10,000—Golden Elder, 3-year	$60.00
10 000—Euonymus, 1-year, 12 to 15 in. high	60.00
10.000—Box Edging, 3 to 4 inches high	50.00
1,500—Hydrangea Rosea, 1-year cuttings	60.00

EISELE'S HARDY, LARGE, FIELD-GROWN PERENNIALS.

NONE BETTER

	Per 100
Achillea The Pearl	$5.00
Achillea Rosea	4.00
Aquilegia	5.00
Santolina, large	6.00
Clematis, white, strong	6.00
Coreopsis Lanceolata	4.00
Dianthus Barbatus	5.00
Funkia Caerulea	4.00
Gaillardia Grandiflora	5.00
Helianthus Maximiliani	4.00

	Per 100
Delphinium, Formosum	$5.00
Hollyhocks, double, white, red, pink, yellow, 1 year	8 00
Hollyhocks, single, mixed	6.00
Golden Glow	3 00
Lychnis Haageana	5 00
Lychnis Chalcedonica	5 00
Monarda Rosea	5 00
Myosotis Palustris	3.00

	Per 100
Anthemis Tinctoria	$5.00
Heuchera Sanguinea	6.00
Stokesia Cyanea	5.00
Pyrethrum Roseum	5.00
Papaver Orientalis	5.00
Veronica Longifolia	8.00
Platycodon, blue	5.00
Digitalis Gloxinaeflora	6.00
Agrostemma Coronaria	5.00

CASH WITH ORDER.

W. G. EISELE, Cedar Avenue, West End, N. J.

Mention The Review when you write.

CALIFORNIA PRIVET.

Packing free.	Per 100	1000
50,000 3 years, 2½ to 3 feet	$3.00	$28.00
50,000 2 years, 3 to 4 feet	2.75	25.00
200 000 2 years, 2 to 3 feet	2.25	20.00
200,000 2 years, 20 to 24 inches	2.00	15.00
50,000 2 years, 15 to 20 inches	1.75	12.00
400,000 1 year, 12 to 18 inches	1.00	8.00
Cuttings, February and March, 8-inch		.75
200 Trees, 3 years, heads 4 to 5 feet	20c	each.

2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000

Palmetto and Barr's Mammoth, 2-year $3.00
Palmetto and Barr's Mammoth, 1-year 2.50

Write for Trade List. Remember, packing free on Fall Delivery.

J. H. O'Hagan, River View Nurseries, LITTLE SILVER, N. J.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety**

Send for our Wholesale Price List.

Mention The Review when you write.

PEONIES.

Festiva Maxima	$35.00 per 100
Fine White, generally called Queen Victoria	9.00 per 100
Rose, the tall-growing, heavy-blooming variety	6.00 per 100

For other varieties or 1000 rate write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

The Cottage Gardens Company,

INCORPORATED.

Queens, Long Island, New York.

Nursery Book, giving description of Nursery Stock, Peonies, etc., mailed upon application.

Always mention the Florists' Review when writing advertisers.

HOW to EARN $20 to $50 per WEEK

This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the FLORISTS' REVIEW for their services this winter—whole or part time.

If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.

Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.

Write them to-day for full particulars.

ADDRESS

SPAULDING NURSERY & ORCHARD CO.

SPAULDING, ILL.

Mention The Review when you write.

TREEES and SHRUBS

FINE VARIETIES. Low Prices.

For both wholesale and retail trade.

Send for catalogue.

PETERSON NURSERY,

LINCOLN and PETERSON AVES., CHICAGO, ILL.

Mention The Review when you write.

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

SAMUEL S. PENNOCK,
WHITE ORCHIDS.
CYPRIPEDIUMS.
Store open from 7:30 a. m. to 8 p. m.
The Wholesale Florist of PHILADELPHIA.
Mention The Review when you write.

A BEAUTIFUL DECORATIVE EVERGREEN FOR CHRISTMAS!
A single postal request will bring you gratis a sample and price.
Pittsburg Cut Flower Co., Ltd.,
PITTSBURG'S OLDEST WHOLESALE FLORISTS.
504 LIBERTY AVE., PITTSBURG, Pa.
Mention The Review when you write.

The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
52 and 54 High Street, CLEVELAND, OHIO.
Mention The Review when you write

CINCINNATI.

The Market.

Trade is very much the same as last week. There is nothing very startling going on and the demand is rather weak. Prices are holding only fair. Mums are averaging a little better but roses and carnations are about the same. Carnations are coming still more heavily and the quality is good. November business has not been up to standard this year and the complaint is general. About the only flower for which there is an active demand is the violet, and there are not enough of these to go around by a long ways. They bring from 50 cents to $1 per hundred, with prospects of a still further advance this week.

Various Notes.

The mum show at the fair took quite a number of our boys away from home. Among those who went were L. H. Kyrk, J. A. Peterson, Wm. McFadden and Peter Weiland.

Chas. Dudley and wife, of Parkersburg, W. Va., and Chas Dieterich passed through this city on their way to St. Louis, as also did Dr. Howald, of the Atlanta Floral Co., Atlanta, Ga.

The Club's Exhibition.

The annual mum show of the Florists' Society was held on Saturday and a very creditable display it was. Among the firms making exhibits were The E. G. Hill Co., George & Allan, The Rosebank Co., R. Witterstaetter, J. W. Rodgers, J. Breitmeyer's Sons, Theo. Bock and Nathan Smith & Son.

The general display prize was won by R. Witterstaetter with a fine display of mums, also a large number of vases of his famous seedling carnations. His improved Enquirer was in great shape and I have not seen anything this season that is equal to it. Theo. Bock had several varieties staged for exhibition purposes and they were right up to his standard of good blooms. The Rosebank Co. made a fine showing and though they did not get in the money, they had some very good blooms.

The E. G. Hill Co. staged some twenty-eight varieties of mums, one flower of each.

DO OU KNOW THAT THE MOST SUCCESSFUL growers of cut flowers are those who sell their own stock?
Why Don't You?
Go see THE FLOWER GROWERS' MARKET, 60 Wabash Avenue, CHICAGO, or address—
PERCY JONES, Manager.
Mention The Review when you write.

The Bonnaffon competition was not up to standard, there being but two entries. R. Witterstaetter captured first and J. W. Rodgers second.

The other awards are as follows: Best vase white, J. Breitmeyer's Sons, first, with Adelia; George & Allan, second; E. G. Hill Co. third.

Best vase yellow, E. G. Hill Co. first, with Yellow Eaton, the best blooms of this variety I ever saw; R. Witterstaetter second, with Appleton; George & Allan third, with Lincoln. Best vase pink, E. G. Hill Co. first, with Enguehard; R. Witterstaetter second and third.

Nathan Smith & Son exhibited two varieties for the mum society's committee.

C. J. Ohmer.

NEWPORT, R. I.

The Market.

During the past ten days there have been a good many wedding decorations, as well as more than the usual amount of funeral work, this together with quite a little counter trade for cut flowers has given quite a snap to business, and worked off what would otherwise have been a glut of chrysanthemums and other stuff. Almost all of the florists have very pretty window displays, chrysanthemums being largely used. Roses and carnations have sold very slowly lately as everybody for the moment buys mums, as a result prices have eased somewhat, both wholesale and retail.

Various Notes.

Bruce Butterton has the sympathy of all in the death of his son, John, aged 7 years.

The regular meeting of the Newport Horticultural Society took place November 2. Final plans and committees were arranged for the seventh annual ball, which takes place December 2. Miss Alice Keteltas has offered a special prize of $50 (or a silver cup) for the best arrangement of shrubs or plants at the entrance of any estate in Newport, no evergreens to be used.

The greatest interest was taken here in the show at Boston. The following florists and members of the Horticultural Society attended. Alexander McLellan, David McIntosh, Andrew S. Meikle, Alexander Anderson, James Boyd, John B. Urquhart, Alexander McWilliams, Colin Robertson, Stewart Ritchie, Arend Brandt, Andrew J. Pow, Donald F. Shepherd, Paul Volquardson, Daniel J. Coughlin and James Robertson.

The Geo. A. Weaver Co. was closed Thursday, November 3, during the funeral of Mr. Weaver's sister, Mrs. W. Howard Greene. The employes sent a fine wreath of Ivory chrysamthemums, Kaiserin roses and violets.

On Wednesday of last week the funeral of Joseph S. Allen took place. There were so many floral tributes that the church was turned into a floral bower. The Horticultural Society sent a pillow and a large delegation of members attended the services.

J. M. Hodgson arranged the decorations for the Erving-Rutherford wedding on Thursday, in New York. It was a home affair, but very elaborate.

Wadley & Smythe are about closing their Bellevue avenue store for this season. They report trade as having been very good the past few weeks.

Henry J. Hass has just celebrated the fiftieth anniversary of his birth at his home on Almy street, where, assisted by his wife and daughter, a large company of friends was entertained.

At Philip Caswell's greenhouses Mr. Allen has been cutting some fine chrysanthemums, especially Ivory and Bonnaffon. It is unfortunate that mums are selling so low; $6 to $8 a hundred is about all good flowers will bring here.

Zero.

The Philadelphia Cut Flower Co.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

Thanksgiving Specialties

CHRYSANTHEMUMS: Timothy Eaton, yellow and white; Major Bonnaffon, yellow and white. Mrs. Jerome Jones, yellow and white; Maud Dean, pink.
CHOICE ROSES, FANCY CARNATIONS, SWEET VIOLETS. ☞ A trial order is requested.

1516-1518 Sansom Street. PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Choice Valley, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

CALL ON **EUGENE BERNHEIMER** FOR PROMPT DELIVERY ON
CHRYSANTHEMUMS for Thanksgiving. 11 South 16th Street, PHILADELPHIA.

Mention The Review when you write.

Indianapolis Floral Co.

839 Ft. Wayne Avenue, INDIANAPOLIS, IND.

WHOLESALE
Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED -- BULBS.

We want to buy in lots of 1000 to 10,000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

Mention The Review when you write.

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
WILD SMILAX
ALWAYS ON HAND.

AT THE SIGN OF THE JACKROSE — TRADE MARK

25-pound case.....$3.00
50-pound case..... 5.00

NONE BETTER
E. F. WINTERSON CO.
45-47-49 WABASH AVE.
CHICAGO

Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 16.

	Per doz.
Beauties, Specials	$3.00 to $3.50
" Extra	$2.00 to 2.50
" Medium	1.50
" Short	75 to 1.00
Queen of Edgely, Extra	2.00
" " Medium	1.50
" " Short	.75 to 1.00
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" " Ordinary	2.00 to 3.00
Liberty, Specials	6.00 to 12.00
" Ordinary	2.00 to 3.00
Kaiserin, Special	5.00 to 10.00
" Ordinary	2.00 to 4.00
Golden Gate, Special	5.00 to 8.00
" Ordinary	2.00 to 3.00
Meteors	2.00 to 6.00
Ideal	2.00 to 5.00
Perle	2.00 to 4.00
Sunrise	3.00 to 5.00
Carnations, Fancy	2.50 to 3.00
" Select	1.50 to 2.00
" Ordinary	.50 to 1.00
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50 00
" " Sprays	25.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Orchids, Cattleyas	40.00
" Dendrobium Formosum	40.00
" Oncidium	3.00 to 5 00
" Cypripedium	15 00
Bouvardias	2.00 to 5 00
Callas	10.00
Daisies, Yellow	.75 to 1.00
" White	.75 to 1.00
Gardenias	50.00
Mignonette	2.00 to 4.00
Pansies	.75 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Single	.35 to .50
" Double	1.00
Chrysanthemums, Fancy, per doz.	3.00 to 4.00
" Select, "	1 50 to 2.00
" Ordin., per 100	4.00 to 8.00
Easter Lilies, per doz.	1.50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00

MISHAWAKA, IND.—George Kuhn is building a greenhouse, 18x80, for forcing vegetables.

PIQUA, O.—Herman Hershey, of this place, and Miss Freda Van Wartz, of Chicago, were married November 3.

ANNISTON, ALA.—A very successful flower show was held here November 3. There was a very large attendance and one of the commendable features was awarding the premiums before the doors were opened.

EDWARD REID,
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Mums for Every Day.
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Store closes at 8:00 p. m. Long Distance Phone.

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Established 1890.

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WM. DILGER, MANAGER.
FANCY FERNS, $1.00 per 1000.
DAGGER FERNS, 90c per 1000.
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Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.

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Special arrangements this season for the extensive handling of American Beauties
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New York, Nov. 14.

		Per 100
Beauties,	Specials	$15.00 to $25.00
"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	4.00 to 6.00
" "	Extra	2.00 to 3.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.50 to 1.00
Golden Gate		1.00 to 5.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		25.00 to 50.00
Carnations,	Common	.50 to .75
"	Selects	.75 to 1.00
"	Fancies	1.00 to 2.00
"	Novelties	2.00 to 4.00
Adiantum Cuneatum		.25 to .50
"	Croweanum	1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri	per bunch.	6.00 to 10.00
Lilies		5.00 to 8.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 10.00
Violets		.50 to .75
"	Specials	1.00 to 1.50
Chrysanthemums,	Fancy	5.00 to 20.00
Chrysanthemums,	Common	2.00 to 5.00
Tuberoses		1.00 to 2.00

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JAMES A. HAMMOND,
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Galax, Leucothoe, etc.

Galax—Bronze or Green.....$1.00 per 1000
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Southern Smilax, large case $6.00

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ALL the **BEST** offers
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Wholesale Cut Flower Prices.

Boston, Nov. 16.

	Per 100
Beauties, Specials	$25.00 to $30 00
" Extra	10.00 to 18.00
" Short Stems	2.00 to 5.00
Brides, Specials	5.00 to 6.00
" Seconds	1.00 to 3.00
Bridesmaids, Specials	5.00 to 6.00
" Seconds	1.00 to 3.00
Liberty	4.00 to 10 00
Kaiserin	5.00 to 6.00
Bon Silene	3.00
Safrano	3.00
Cattleyas	30.00 to 35.00
Carnations, Specials	3.00 to 4.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Chrysanthemums	4.00 to 18.00
Violets	.50 to 1.00
Lily of the Valley	3.00 to 4.00
Narcissus	2.00
Mignonette	2.00 to 3.00
Bouvardia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	12.50
Adiantum	.75 to 1.00

Buffalo, Nov. 16.

	Per 100
Beauties, Specials	$25.00 to $30 00
" Extra	15.00 to 25.00
" Shorts	8 00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Carnot	2.00 to 7.00
Golden Gate	1.00 to 4.00
Kaiserin	2.00 to 7.00
Liberty	2.00 to 8.00
Meteor	1.00 to 5.00
Mrs. Morgan	1.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	1.00 to 4.00
Chrysanthemums	4.00 to 20.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8 00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	2.00 to 5.00
Smilax	10.00 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.50 to .75

WILMINGTON, N. C.—Will Rehder departed from the usual run of florists' flower shows by giving his at the Elks' lodgeroom for the benefit of the charitable organizations which worked up a crowd for him.

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Choice stock, well packed, 50 lb. Cases, $6.00. Cover about 600 square feet. 25 lb. Cases, $3.25. Cover about 300 square feet.

GALAX LEAVES, Brilliant bronze or green (selected stock, full count) $1.00 per 1000, $3.75 per 5000.

LEUCOTHOE SPRAYS, Green, 90c per 100, $7.50 per 1000.

SPHAGNUM MOSS, Large bale, $1.75, (by freight $2.00)

GREEN SHEET MOSS, Beautiful color, clean stock, $2.50 per bbl. sack.

IMMORTELLES New crop, red, white, pink, purple, blue, green, orange and black at $2.75 per doz. bunches. Yellow, $2.25 per doz. bunches.

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500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

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Write for special prices.

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Wholesale Cut Flower Prices.

Chicago, Nov. 16.

	Per doz.
Beauties, Long stems	$3.00 to $5.00
" 30-inch "	2.50
" 24-inch "	2.00
" 20-inch "	1.50
" 15-inch "	1.25
" 12-inch "	1.00
Shorts....per 100, $4.00 to $5.00	
	Per 100
Bridesmaids, Specials	$4.00 to $8.00
" Firsts	3.00
Brides, Specials	4.00 to 8.00
" Firsts	3.00
Liberty, Specials	5.00 to 10.00
" Firsts	3.00 to 4.00
Golden Gate, Firsts	4.00 to 8.00
" Seconds	3.00
Kaiserin, Firsts	6.00 to 10.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 8.00
" Seconds	3.00
Ivory, Firsts	4.00 to 8.00
" Seconds	3.00
Perles, Firsts	4.00 to 6.00
" Seconds	3.00
Chatenay	3.00 to 8.00
Carnations, Select	1.50
" Fancy	2.00 to 4.00
Chrysanthemums, good...per doz.	1.25 to 1.50
" fancy... "	2.00 to 4.00
Violets	1.00 to 1.50
Callas	10.00 to 12.50
Paper Whites	3.00
Shasta Daisies	.50 to 1.00
Asparagus, Strings	35.00 to 50.00
" Sprays. ....per bunch,	.25 to .35
Sprengeri. .... "	.25 to .35
Ferns....per 1,000, $1.25	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax .... per doz.	1.50

Cleveland, Nov. 16.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	8.00 to 10.00
" Shorts	5.00
Bride and Bridesmaid	2.00 to 5.00
Kaiserin	2.00 to 8.00
Meteors	3.00 to 5.00
Carnations	1.00 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Chrysanthemums	8.00 to 20.00
Violets	.50 to 1.00
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00

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Extra select	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20 inch stems	2.50
15-inch stems	2.00
12-inch stems	1.50
Short stems	1.00
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	8.00 to 10.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	6.00 to 8.00
" " seconds.	4.00 to 5.00
PERLE	4.00 to 6.00
GOLDEN GATES	4.00 to 8.00
METEOR, SUNRISE	4.00 to 8.00
CARNATIONS	2.00 to 4.00

All flowers are perfectly fresh and properly packed.

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Write for special quotations on large orders.

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The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., Philadelphia.

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Wholesale Cut Flower Prices.

Milwaukee, Nov. 16.

	Per 100
Beauties, Specials	$25.00
" Extra	$15.00 to 18.00
" No. 1	12.50
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 8.00
Chatenay	4.00 to 6.00
Meteor	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Selects	1.50
" Fancies	2.00 to 3.00
Adiantum	1.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	10.00
Chrysanthemums	4.00 to 8.00
" fancy	12.50to 25.00
Daisies	.40
Lily of the Valley	2.00 to 3.00
Smilax	12.50
Stevia	3.00
Sweet Peas	.75
Violets extra	.50 to .75

Cincinnati, Nov. 16.

	Per 100
Beauties, Extra	$15.00 to $25.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	2.00 to 6.00
Kaiserin	2.00 to 6.00
Liberty	3.00 to 8.00
Meteor	2.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	8.00 to 12.50
Smilax	10.00 to 18.00
Lily of the Valley	3.00 to 4.00
Chrysanthemums	4.00 to 25.00
Violets	.50 to 1.00
Narcissi	3.00 to 4.00

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Grower of
Kentia Belmoreana
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Prompt and liberal returns on all consignments.

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WHOLESALE FLORIST,
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Nov. 16

	Per doz.
Beauties, Specials	$3.00 to $5.00
" Extra	1.50 to 2.50
" No. 1	.75 to 1.00
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 8.00
Liberty	4.00 to 6.00
Meteor	4.00 to 6.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Chrysanthemums, Select	20.00 to 25.00
" Fair	3.00 to 15.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.35 to 1.00
Paper White	3.00 to 4.00
Romans	3.00 to 4.00

Pittsburg, Nov. 16.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	4.00 to 5.00
Brides and Maids	2.00 to 6.00
Cusin	2.00 to 4.00
Kaiserin	2.00 to 8.00
Liberty	3.00 to 6.00
Mme. Chatenay	2.00 to 6.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Chrysanthemums	4.00 to 25.00
Lily of the Valley	2.00 to 4.00
Violets	.50 to 1.25
Smilax	12.50 to 15.00
Lilies	10.00 to 15.00
Paper White Narcissi	2.00 to 3.00
Roman Hyacinths	2.00 to 3.00

SANDUSKY, O.—At White's Conservatory they are having a very successful chrysanthemum show. Two new houses, seventy-five feet long, were added to the establishment the past season; also a new heating apparatus.

DANVILLE, ILL.—The fine flower show at the Soldiers' Home has attracted many visitors from town. H. D. Caldwell, the florist in charge, has been visiting relatives at Paris, Ill.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
Solicits your orders with confidence that he can serve you to your entire satisfaction.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.
THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 3018 M.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

7 E. 33d St. Near Waldorf-Astoria New York City

Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

3319 AVENUE M. Galveston, Tex.

Always Mention the....

Florists' Review

When Writing Advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.

will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

THANKSGIVING RIBBONS

to be right, ought to add beauty to your flower decorations. The RIGHT RIBBONS will give your flowers this desired effect. RIGHT RIBBONS have a rich lustre, brilliant shades and always present a good decorative appearance.

RIGHT RIBBONS come direct from our mill to you, we cut out all middle costs. All widths and colors. A postal will bring samples.

CONQUEROR—Taffeta—**CYCLONE.**
MONARCH—Satin Taffeta—**CLIMAX.**

The Pine Tree Silk Mills Company
Philadelphia

OFFICE AND SALESROOM:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

Fancy or Dagger Ferns



85c per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, $5 50 per case, large size. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

Mention The Review when you write.

HARDY CUT FERNS.



DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1 00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxe—al sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Mention The Review when you write.

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

LATANIA PALMS.

6-in., 2 and 3 plants to pot ..... $ 9 00 per doz.
7-in., 1 plant to pot 7 to 9 leaves.. 12.00 per doz.
8-in., 1 plant to pot, 7 to 10 leaves, 2½ to 3½ feet in height and diameter ..... 18.00 per doz.

ARECAS

4-in., 2 and 3 plants to pot, standing 2 ft.. $4 00 doz
6-in., 2 and 3 plants to pot, standing 3 ft., 9.00 doz

J. W. COLFLESH,
53rd St. and Woodland Ave., PHILADELPHIA.

Mention The Review when you write.

OWENSBORO, KY.—Thomas C. Milne took all of the first prizes for cut flowers in the professional classes at the flower show held here last week. The judge was W. R. Conover, of Henderson.

NEW BEDFORD, MASS.

Business here has been a little quiet but everybody is looking for better trade now that election is over. Flowers of all kinds are very plentiful, so much so that some of the florists are having bargain sales. One florist had a large advertisement in the daily papers, "$10 pillows for $5, $8 pillows for $4, pinks 35 cents per dozen, all other designs at half price." Another one advertised chrysanthemums at 75 cents per dozen and invites the public to see them picked right fresh from the plants. This is the most prosperous town for flower stores in the state. One of the local storemen is talking of starting a lunch-room or cigar store in his present location. Still another is thinking of applying for a liquor license.

S. S. Peckham has opened another city salesroom and is making a fine show of mums. He is not only supplying his own trade but is also shipping a number of chrysanthemums out of town.

W. G. Kroeber, it is said, is soon to open a store on Union street, next door east to Sheedy's Theatre.

H. V. Showle reports business as quiet in his section of the city.

Arthur Ashley is bringing in some fine pinks and intends to soon build another house for pinks and one for violets.

W. E. Mosher has started to stake out for a new greenhouse.

W. L. G. Brown has the sides all in for a new house 25x100 to be used for roses.

R. E. Nofftz, the ivy leaf king, has just finished a new house to be used for the storage of his hardy stuff that he intends to force. Dick reports large sales of ivy leaves. He says he is shipping lots of them out of town.

We hear that E. H. Chamberlain is having a new delivery wagon built that is going to be a winner. We'll all be there at the christening of the new turnout.

The greenhouse of H. H. Rogers, in Fairhaven, has been open to the public this week and they say that Mr. Garthley is showing some very fine chrysanthemums.

We have not yet been able to get a quorum at the recent Florists' Club meetings, but are in hopes to at the next meeting. It seems to be hard to get the local florists away from their own firesides unless there is a supper.

C.

TORONTO.

Trade during the last week has picked up considerably and cut flowers are shortening in supply, with an increased demand, while we notice the wholesale price is gradually advancing; especially do we notice this in roses. Mums and carnations continue to be fairly plentiful, with demand and supply about equal. Violets are scarce.

Much interest is being taken in the coming flower show and all of our growers are holding their best stock for it. We expect a big exhibition, as the secretary informs us that nearly all the classes are well filled up and some of the exhibits will be decidedly interesting. Many out-of-town growers have made their entries and we are assured of several exhibits from our American cousins.

D. J.

HARTFORD, CONN.—E. M. Francis has closed his greenhouse and is going south for the winter.

OWATONNA, MINN.—The Clinton Falls Nursery & Greenhouse Co.'s new establishment is a model in every way. The houses contain tile benches throughout, with boiler shed separated from main house. The same is heated by high pressure eighty-five horse-power boilers of the latest type. The houses are lit with electric light. They grow a large variety of stock. Their roses and carnations are in excellent condition at present. They control 30,000 feet of glass. The houses are in charge of Paul Horn. Thos. Cashman is president of the company. They report an excellent trade and good shipping facilities to the surrounding towns.

PACIFIC COAST.

BEDDING STOCK FOR SPRING.

This is the best time of the year to propagate soft-wooded plants for borders or carpet bedding and, as there is considerable call for this class of material in the early spring in and around our large towns, a gentle reminder may be in order. This class of stock is so easily grown here that many of our growers do not bother with it and leave the handling to gardeners in private places or to the small dealers. But I have always found that at the proper season there is a considerable demand and some of our largest commercial places that have complete lines of other stock lose a good many dollars by not being able to furnish stock of this character and for which nothing else can be substituted or suggested.

Our border geraniums, achryanthes, alternantheras, coleus, begonias, salvias, lobelias, feverfew and verbenas are now in full growth and cuttings can be taken and struck in flats with no danger of their not rooting. There is no necessity of giving greenhouse room for this class of stock, as anything in the line of a frame is just to their liking. Some seasons we have frost sufficient to kill these border plants and other years they are only scorched on the tips of the foliage. However, this is the best time to make cuttings and if we do not have cold weather there will be no necessity of covering the frames. If the weather should get frosty it will be necessary to put a few sash over them at night and be careful not to water too freely until the cuttings are rooted, after which all is plain sailing.

I have found a good demand for Mme. Salleroi, Mountain of Snow, Marshal McMahon, Mme. Pollock and Happy Thought geraniums, the past few seasons, selling the young plants out of the flats without potting early in March. Achryanthes and alternantheras have sold well and verbenas also. The same rules will apply to the growing of all these plants. Lobelia, salvias, sweet alyssum and agreatums are easily grown from seed and this should be planted within the next few weeks. Coleus are more delicate and the cuttings had better be planted in the greenhouse and transplanted later into thumb pots. The weather is especially warm and favorable at present for making cuttings and it is best to have this work attended to before a sharp frost spoils the young foliage and shoots for the season's supply. G.

SAN FRANCISCO.

The Market.

I might strain a point and say that business is fair, but that is the best that can be said about it. The weather still continues favorable and flowers are coming in to town in abundance. Especially is this true of chrysanthemums and carnations. Of the former we have an avalanche at present and the crop will last for a few weeks more. With carnations the majority of the benches have come into bloom and we will have quantities to select from before the cold weather begins. Prices are away down, which is always a poor sign for the florist. The best of the fancy sorts are being sold at three dozen for a dollar and a very few at 50 cents per dozen. Ordinary sorts sell at about $2 per hundred and less. Roses are fairly plentiful, owing to the continued bright weather. American Beauty sells at from $1 to $2 per dozen, Brides and Maids at from 25 cents to 75 cents, according to quality, and Meteor, Liberty and Testout at the same prices. Paper White narcissi are being sold to the stores at 75 cents to $1 per hundred stems. Violets are not over plentiful and unless we get more rain the next few days they will become even scarcer. They are selling wholesale at 75 cents per dozen bunches. Valley is plentiful and only in very slight demand; it sells at $3 per hundred. Only a few Lilium Harrisii are seen, of fair quality. Indoor mums are cheap. There is so little difference between the flowers grown outside and those from under glass that the retailers will not pay high prices for the latter. As a consequence the best grade of flowers can be had at from $5 to $10 per hundred. Smilax is becoming plentiful but maidenhair fern is scarce. All the summer and autumn blooming plants have gone out of business and it only needs a couple of good sharp frosts to put the prices of the balance of stock where they should be at this season of the year.

Various Notes.

Wm. Harmon, of H. M. Sanborn's Floral Depot, Oakland, is on the sick list.

The good resolutions made by the florists regarding the closing of stores at 1 o'clock on Sunday have been rescinded by a majority of the dealers and they are now open for business always. This order of things makes a hardship on the clerks who should be entitled to half a day's rest at least. G.

LOS ANGELES.

The florists of Los Angeles have organized an association which will seek to secure early closing, etc. The firms represented are: The Redondo, Ocean Park and Central Park companies, The American and Mercantile concerns, Mrs. Lord, Mr. Goldenson, Mr. Wright, Theodore Payne and the Ingleside company. The following officers will represent the new organization: T. W. Wright, president; Morris Goldenson, secretary; O. C. Saaks, treasurer.

WINNIPEG, MAN.

T. W. Duggan, manager of the Dale estate in Brampton, Ont., was in Winnipeg during the past week calling on customers. The Dale estate is widely known as the largest horticultural concern in the Dominion, and a representative of the Free Press interviewed Mr. Duggan regarding the handling of the products of the greenhouses.

"Is it true that you ship cut flowers all the way from Brampton to Winnipeg?" asked the reporter:

"Surely," replied Mr. Duggan, "thousands of them, millions of them, right to Victoria, Vancouver, and also Calgary, Regina, Brandon and Portage la Prairie, and we are sending five times as many now as we did two years ago. We regard it both as a certain sign of prosperity and of the cultivated taste of western people. If any one wants to know what class of people are living in the towns and cities of the west, let them inquire of the florists. They will find that the best customers of cut flower dealers are in Western Canada. As a sign of prosperity it is also unequaled. You can readily judge how quickly flowers are cut out of a citizen's expense bill during hard times. They are one of the first things to go. When we sell all the flowers we can grow, you may be assured that the country is as prosperous as it can be, and that is the case at the present moment. We have fourteen acres under glass—quite a little farm—and we are behind in our orders. The Brampton greenhouses are still much the largest in Canada, very much the largest. The business was built up years ago, and has always maintained its place. We are splendidly located and have an ideal soil for floriculture.

"The west is the coming country, however; there is no doubt about it. Where you cannot grow wheat you can dig minerals out of the earth. You will never be the whole thing, as they say, but you will be a very considerable and important part of it. You are just on the beginning of our career, and you have a most important history before you."

Kenosha, Wis.—C. G. Anderson has had a chrysanthemum show which attracted many people to his place. A departure with him is a house of lettuce for local trade.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.

25 at 100 or 1000 rates; 2500 at 5000 rate.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. LOOMIS, CAL.

Mention The Review when you write.

FLORISTS TAKE NOTICE!

THE PACIFIC WINDOW GLASS CO., having completed the alterations in their factory at Stockton, are now making the full capacity of their plant, and prepared to furnish any size, weight or quality of glass required for buildings and greenhouses. The extra weight, temper and finish and the UNIFORM THICKNESS of their glass has won for it the reputation of being SUPERIOR to any glass to be found on the Pacific coast for greenhouse use, as well as buildings. For information, as to prices and terms, address

CHAS. H. ROYCE, Manager Sales Department,
357 O'Farrell St., San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000		100	1000
Queen Louise, fine white	$1.20	$10.00	Armazindy, barred	$1 00	$8.00
Alba, large white	1.40	12.00	Mrs. Joost, pink	1.20	10.00
America, red	1.00	8.00	Lawson, pink	1.40	12.50
Mrs P. Palmer, big scarlet	1.20	10.00	Pres. McKinley, pink	1 40	12.50
G. H. Crane, scarlet	1.20	10.00	Success, light pk.	1.20	10.00
Eldorado, yel	1.20	10.00	Harlowarden, crimson	1.40	12.50
Marshall Field, barred	1.40	12 50	Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-h f price. Terms—Cash with order or C.O.D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchesse Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chilidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

Mention The Review when you write.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1 00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10 00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	4 00	35.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12.50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1 00	$10 00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

W. J. Lawrence, Toronto, Ont., submits for registration Chrysanthemum Eglinton, a sport from Timothy Eaton; color, lemon; has all the other qualities of the parent flower; large flower, center well filled. WM. J. STEWART, Sec'y.

KEEPING CLEAN FLUES.

Many florists in the vicinity of Cleveland, as well as others at places distant from the factory, have found a flue cleaner which gives satisfaction in the device manufactured by Chas. S. Kreidler, Post Office, Station H, Cleveland, O. He publishes a little booklet called "How?" which tells all about it and is sent free on request.

ANNAPOLIS, MD.—Rudolph Kaiser has built a house 20x100 with the material of the Dillon Greenhouse Mfg. Co., including the composition gutter plates, and finds it very satisfactory. His mums are fine this fall and business has been good.

MOLES.

If J. H. B., whose note on moles and the difficulty of trapping them appeared in the issue of November 3, will simply fill the runs with water, I think he will have no further trouble. Simply make a hole in the run and pour in the water until it is full. Once or twice will drive them off or drown them. It does not take much water unless the runs are very long. Don't break up the runs; it will let the water out. M. E. EDDY.

WINONA, MINN.—Miss Thekla Gertrude Kirchner, the eldest daughter of Ed. Kirchner, of the West End Greenhouse, was married November 10 to Albert C. Davidson.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,
San Francisco, Cal.

Mention The Review when you write.

ALPHA
Christmas Bells!

Having received so many orders for **ALPHA BELLS** this year that we cannot promise delivery of any further orders received after December 1.



Patented March 15, 1904
No. 754,782

A medium priced Bell, but as good as the best that has ever been put on the market. Perfect and graceful in shape, bright and attractive in color. They are strongly and firmly made—easily handled—no chance for breakage.

L. WERTHEIMBER & CO., FOREIGN AND DOMESTIC SPECIALTIES **39 Barclay Street, NEW YORK CITY**

Mention The Review when you write.

CHRYSANTHEMUM SPORTS.

The reasons for a plant producing sports are difficult to understand. A week or two since I observed in a trade paper an enquiry from a market grower respecting the reason why nearly one-half of his stock of the Golden Yellow Horace Martin, a sport from Marie Masse, had produced pink flowers? The season previous his stock of several hundred plants was quite true. He planted this season 2,000 with the above result. A large number of growers will be sadly disappointed over the sport of Mrs. Barkley sent out as Lady Cranston. The white-flowered sport appeared in 1902, and the stock last season was eight plants all true to the sport. The form of the flowers was entirely changed, and they were pure white or prettily but slightly flushed on the crown (not the centre) with clear rose-pink. It was certificated by the National Chrysanthemum Society and the Royal Horticultural Society's floral committees, and also awarded the silver medal by the Scottish Horticultural Society, as the best novelty. All who saw the blooms were charmed with them, and there was a keen competition for the stock. But, alas and alack! the whole stock seems to have reverted to the original Mrs. Barkley, for out of my stock of about 100 very fine plants not a white flower has appeared, and other growers complain of the same thing. It is much to be regretted.—W. J. Godfrey, in Gardeners' Chronicle.

Dexter, Me.—C. H. Hayden is cutting some fine carnations, especially Lawson and Enchantress.

Galax, Green or Bronze
Now Ready for Shipment.
SELECT STOCK.
W. W. Rominger, MONTEZUMA, N. C.
Mention The Review when you write.

$2.00 — HOLLY GEE! — $2.00
Superior well-berried holly, $2.00 per 65-lb. case, a great bargain in holly. "Wildwood" brand superior wild smilax, $2.00 per 50-lb. case; only the best offered. Large sabal crowns, $2.50 per doz.; leaves, $2.50 per 100. Very large chamaerops crowns, $2.50 per doz.; leaves, $2.50 per hundred. Magnificent long needle pines from virgin forests, $5.00 per 100. Mock orange foliage $3.00 per 50-lb. case. Magnolia foliage, $2.00 per 50-lb. case. Write for big bargains in mistletoe, well berried.
Southern Wildwood Co., - Garland, Ala.
Mention The Review when you write

TEXAS MISTLETOE For Christmas decorations. Absolutely the finest in the land. Heavy rich green foliage, fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of $1.00. Address
WILLIAM ANDERSON,
BROWNWOOD, TEXAS.
Mention The Review when you write.

MISTLETOE. 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50.
SATISFACTION GUARANTEED.
Write for Special Prices on large lots.
MRS. GEO. J. STARR, Wilson, N. C.
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C. S. FORD
1417 Columbia Avenue,
Established 1881 **Philadelphia, Pa.**
MANUFACTURER OF
IMMORTELLE NOVELTIES
AND DEALER IN
FLORISTS' SUPPLIES
See issue of November 10 for price list of Christmas Novelties. Also Representing
A. HERRMANN, 404 E. 34th St., New York,
D. B. LONG, Buffalo, N. Y., and others.
Selling agents for Palms and general plant stocks. Correspondence solicited.
Mention The Review when you write.

HIGH-GRADE
Southern Wild Smilax
And Florists' Hardy Decorative Supplies.
PRICES RIGHT.
Special facilities for handling large orders.
Write, Wire or Phone.
E. A. BEAVEN, Evergreen, Ala.
(Formerly of Caldwell The Woodsman Company.)

A. HERRMANN,
MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.
WRITE FOR NEW CATALOGUE.

L. BAUMANN & CO.
IMPORTERS AND MANUFACTURERS OF
Florists' Supplies
76-78 Wabash Ave., CHICAGO.
Write for our new catalogue F, our prices may interest you.

REED & KELLER,
122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens.
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX
Mention the Review when you write.

SIGMUND GELLER,
FLORISTS' SUPPLIES AND RIBBONS
108 W. 28th St., NEW YORK CITY.
—HEADQUARTERS FOR NOVELTIES—

L. B. BRAGUE,

Hinsdale, Mass.
WHOLESALE DEALER IN
Christmas Trees
AND
Baled Spruce
FOR CEMETARY USE.
Special attention paid to furnishing in car-load lots. Write for price list and terms.
ALSO WHOLESALE DEALER IN
EVERGREENS, CUT FERNS, SPHAGNUM MOSS, Etc., Etc.
Mention The Review when you write.

MISTLETOE
The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale prices delivered at any express office in the U. S. or Canada.
F. C. BARKER & CO.
Las Cruces, :: New Mexico.

BOUQUET GREEN
Best quality at **lowest rates.** We gather our own **Greens** and bring by our own boat direct.
Also **Christmas Trees.**
Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, H. Schuenemann, Capt.
S. W. Cor. Clark St. Bridge. CHICAGO.

LIKES IT; CAN'T HELP IT.

Schenectady, N. Y.
Your Fumigating Powder is all you represent it—it is good. I like it very much and am glad to speak a good word for it when I can. See page 1360.
JNO. W. H. GRUPE.

Mention The Review when you write.

Our Novelties Are Winners.

We offer you a collection of **novel and standard supplies** that is a little better than we have ever offered before — **a collection without a rival anywhere.**

Here are some of Our Specialties: **Immortelle Bells,** all sizes. **Crepe Paper Bells,** all sizes.

RUSCUS WREATH—like SMILAX. **MAGNOLIA WREATHS—Green or Brown.**
IMPORTED HOLLY WREATHS. **IMPORTED BEECH WREATHS—with or without flowers.**
LARGE CHINA SWANS. **VERY HANDSOME SILVER VASES.**

These are a few of our many attractive supplies. We want you to order some of them now; they will create business when displayed in your shop. **COME AND SEE OUR GREAT DISPLAY**

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

	Per 100	Per 1000
White:		
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red:		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

Boston Ferns

Special Reduced Prices. Elegant Plants.

2¼-in., $3.00 per 100; 3-in., $6.00; 4-in., $10.00; 5-in., very fine, $20.00; 6-in. $35.00; 7-in., $60.00; 8-in., $75.00. Larger sizes, extra good value and will retail readily at more than **100 per cent profit. Try a sample lot.**

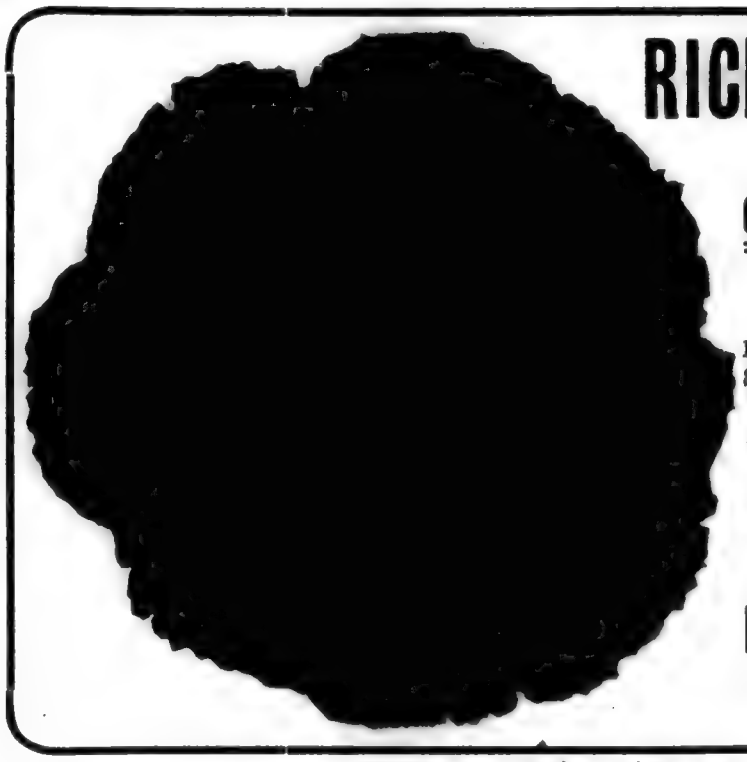
Roses.—2,000 strong 3-in. Brides, Ivory, Gates and Maids, $4.00 per 100.

Carnations.—Fine field-grown, $4.00 per 100; $35.00 per 1000.

A very nice lot of Asparagus Plumosus and Sprengeri, as follows: 2½-in. Sprengeri, $3.50 per 100; 4-in., $5.00. 3-inch Plumosus, $4.00 per 100. A small trial order will convince you of the value of this stock.

W. H. GULLETT & SONS, Lincoln, Ill.

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RICHMOND GEM

THE FINEST

COMMERCIAL SCARLET

Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.

Per Hundred....$10.00
Per Thousand.. 75.00

B. K. & B. FLORAL CO.

RICHMOND, IND.

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RED SPORT RED CARNATION.

The New "Bread .....and Butter"

If you are interested in a commercial red that there is money in, read our half page "AD" in last issue of The Florists' Review, page, 1282.

WE HAVE THE "REAL THING."

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

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STRONG, FIELD-GROWN MUMS!

STOCK PLANTS.

Estelle, Glory of Pacific, Robinson, Bassett, Kalb, 10 cents each; $1.00 per doz.; $7.00 per 100.

A. HAUGE,

BIRMINGHAM, - ALABAMA.

Mention The Review when you write.

Pansies 100,000 Pansies

Excellent Strain. None Better.

$2.50 per 1000. $10.00 for 5000

MOREL BROS., 624 East Market Street, SCRANTON, PA.

BURNS AND KILLS.

Riverside, R. I.

Ship another bag of the Fumigating Kind Tobacco Powder. It burns very good and kills the bugs. See page 1360.

F. L. SCHELLINGER.

Chrysanthemums! Stock Plants!

The new Wells-Pockett set of the best of this season's introductions in strong plants. All sorts, each 20 cents; per dozen, $2.00.

These include all the best and latest introductions, and are true to name. These new acquisitions have proven successful in the crysanthemum line, and should be grown very extensively next season.

Madame Paul Sahut—a new early white that will take the place of Estelle and Polly Rose in the extra earlies. It is a decided acquisition in the early whites. Good stem and foliage, and an all-around good white. One of the very best yet introduced. Stem three feet; flowers as good as the best Robinson, and two weeks earlier. 25 cents each. $2.50 per dozen. We can supply this in quantity.

Good sorts, including Alice Byron, Ida Barwood, Madame Diederichs, Guy Hamilton, Golden Age, Mrs. Buckbee, and others, all extra good, including Carrie, an extra early yellow in bloom September 15th, 15 cents each; $1.50 per dozen.

The old standard sorts, such as Golden Wedding, Silver Wedding, Appleton, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Henderson, Robinson, etc., 10 cents each. 75 cents per dozen.

Have these sorts in quantity. Can make prompt shipments.

Satisfaction guaranteed on all orders. Cash, please.

CRITCHELL'S, Avondale, Cincinnati, Ohio.

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Chrysanthemum Stock Plants

Opal and Polly Rose.....5c each
Monrovia, Alice Byron, C. J. Salter....10c each
$1.00 per dozen.
Cheltoni, Wm. Duckham, Dr. Enguehard, 15c each
$1.50 per dozen.

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

Boston and Pierson Ferns. We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10-inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

Farfugium Grande. Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100; 5-inch pots extra fine; $20.00 per 100.

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

Coleus. 2½-inch pots, strong vigorous young stock, $2.50 per 100. 500 for $10.00. 600 Golden Bedder, 700 Verschaffeltii, 100 Flambeau, 200 Mrs. Hays, 150 Fred Otterman, 200 Setting Sun, 200 Queen of the Lawn, 100 Prince Albert Victor, 200 Mrs. Kirkpatrick, 75 Republic, 150 Ebert, 100 Black Bird, 75 Thomas Meehan.

Achyranthes. 2½-inch pots, thoroughly established, but not as large as the Coleus. Very fine stock. $3.00 per 100, the lot of 375 for $10.00.

Acalyphas. 500 Macrophylla, 1000 Wilkesiana. Very choice young stock. 2¼-inch pots, $3.00 per 100; 200 for $5.00; 500 for $10.00.

Hibiscus. Extra stout plants in 7-inch pots, cut back to 20 to 24 inches and very bushy. 20 Peachblow, 20 Regia Maxima 20 Carminatus Perfectus, $6.00 per dozen.

400 Abutilon Savitzi, 300 Stevia variegata, 500 Salvia Officinalis Variegata.

Three excellent white leaved bedding plants. 2¼-inch pots, very fine, $3.00 per 100; 200 for $5.00; 500 for $10.00.

ADDRESS

MICHEL PLANT and BULB CO., Magnolia and Tower Grove Avenues, ST. LOUIS, MO.

Mention The Review when you write.

Fred Burki is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing FRED BURKI.

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE, SHARON, PA.

S. S. SKIDELSKY, 824 No. 24th St., Philadelphia.

WRITE FOR DISCRIPTIVE CIRCULAR.

Mention The Review when you write.

MONTREAL.

The chrysanthemum exhibition of the Gardeners' and Florists' Club of Montreal, has this year been marked by a general excellence which demands beyond a doubt the most strenuous efforts on the part of exhibitors in the future to maintain the high standard. The success, on this occasion, might have been due largely to the keen competition set up by foreign exhibitors, or at any rate exhibitors from beyond the city's limits, but whatever be the cause, it has been productive of results beyond anticipation, and the show which terminated November 11 has established a record in scientific horticulture. It reflects great credit on the club.

Among the exhibitors were W. H. Horobin, Miss Eddy, T. J. Gorman, Eddy & Sons, A. Pinoteau and many others. The Tarrytown fern of the F. R. Pierson Co. was a great attraction. The judges were E. Mepsted, of Ottawa; Miss Murray, Messrs. Wilshire, Smith and Craig, of Montreal.

NEW HAVEN, CONN.

The show which closed November 10 was one of the best ever held here. Among the premium winners were: David Kydd, Robert Paton, Gustave Ginter, Elm City Nursery Co., F. E. Duffy, W. H. Symon, Frank Rehbein, A. J. Thompson, Oscar Carlson, J. A. Long, J. H. Slocombe, Henry Cliff, J. P. Sorenson and Frank H. Kimberly.

WINONA, MINN.—The Ladies' Guild of St. Paul's Episcopal Church gave a chrysanthemum show November 4 in the parish house in which all the local florists participated. Fullbruegge Bros., Winona Floral Co., The Central Greenhouse and the Woodlawn Greenhouse each displayed their best stock and made it an occasion of profitable advertising.

COLUMBIA, S. C.—David Fitzgibbon, for long gardener at the State Hospital for the Insane, died November 7, aged 89 years.

Palmer's **Red Lawson**

NOW READY!

SPORT FROM THE FAMOUS MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is

....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DREER'S DECORATIVE PLANTS.

We have in stock a fine line in the following sizes: **Clean, thrifty, vigorous stock which is certain to give full satisfaction.**

KENTIA FORSTERIANA — Made-up Plants.

8-inch pots,	3 plants in a pot,	12 inches high	$2.00 per doz.;	$15.00 per 100	
4 "	3 "	15 to 18 "	4.50 "	35.00 "	
5 "	3 to 4 "	18 "	7.50 "	60.00 "	
8-inch tubs,	3 plants in a tub,	4 to 4½ feet high		5.00 each	
9 "	3 "	5 to 5½ "		6.50 "	
9 "	3 "	5½ to 6 "		7.50 "	
10 "	3 "	6 to 6½ "		12.50 "	
12 "	3 to 4 "	6 to 7 "		15.00 "	
12 "	3 to 4 "	7 "		20.00 "	

KENTIA FORSTERIANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 inches high	$ .30	each
6 "	6 "	28 to 30 "	1.00	"
6 "	6 "	30 to 32 "	1.25	"
6 "	6 "	32 to 36 "	1.50	"
8 "	6 to 7 "	4½ feet high	5.00	"
9 "	6 to 7 "	5 to 5½ feet high	6 00	"
10 "	6 to 7 "	5½ to 6 "	7.50	"
10 "	6 to 7 "	6 "	10.00	"
12-inch tubs,	6 to 7 "	6½ "	12.50	"
12 "	6 to 7 "	7 to 8 "	25.00	"

KENTIA BELMOREANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 to 18 inches high	$ .35	each
5 "	5 to 6 "	20 to 22 "	.75	"
6 "	6 "	28 to 30 "	1.25	"
6 "	6 to 7 "	30 to 36 "	1.50	"
7 "	6 to 7 "	30 to 36 " heavy	2.00	"

KENTIA SANDERIANA.

A rare, pretty, hardy, serviceable variety.

Fine plants in	5-inch pots,	18 inches high	$1.25	each
" "	6 "	24 "	1.50	"
" "	7 "	30 "	3.00	"

ARECA LUTESCENS.

4-inch pots,	2 to 3 plants in a pot,	15 to 18 inches high	$ .25	each
5 "	3 " "	18 to 20 "	.40	"
6 "	3 " "	24 to 28 "	.75	"
10 "	very bushy	48 to 54 "	4.00	"

LATANIA BORBONICA.

The best values in these plants that we have ever offered.

3-inch pots,	5 to 6 leaves,	12 to 15 inches high	$8.00	per 100
4 "	5 to 6 "	15 "	20.00	"
5 "	5 to 6 "	15 to 18 "	30.00	"
6 "	6 "	20 "	50.00	"
7 "	6 to 7 "	20 to 24 "	.75	each
8 "	7 to 8 "	24 " fine plants	1.00	"
8 "	8 to 10 "	28 to 30 "	2 00	"

PHOENIX CANARIENSIS.

A nice lot of decorative plants in tubs.

3½ to 4 feet high.....$6.00 each. 4 to 4½ feet high .....$7.50 each

PHOENIX RUPICOLA.

6-inch pots, 24 inches high .....$1.50 each

ARAUCARIA EXCELSA.

4-inch pots,	8 to 10 inches high,	3 tiers	$ .50	each
6 "	12 to 14 "	3 to 4 tiers	.75	"
6 "	14 to 16 "	4 tiers	1.00	"
6 "	16 to 18 "	4 tiers	1.25	"

ARAUCARIA EXCELSA GLAUCA.

6-inch pots,	13 to 15 inches high,	3 tiers	$1.25	each
7 "	16 to 18 "	4 tiers	1.75	"
7 "	22 to 24 "	4 to 5 tiers	2.00	"

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3 tiers	$1.25	each
6 "	12 "	3 tiers	1.50	"
7 "	15 "	3 to 4 tiers	1.75	"

BOSTON FERNS.

A fine lot of dwarf, stocky, bushy plants.

7-inch pots, 75c each; 8-inch pots, $1.00 each; 12-inch pans, $2.00 each

ADIANTUM PARLEYENSE.

A nice, thrifty lot of plants, 4-inch pots, 35c each; 5-inch pots, 75c each

ADIANTUM TENERUM — A fine lot of this useful maiden-hair in 4-inch pots.....$12.00 per 100.

ASPLENIUM NIDUS AVIS — We offer a good lot of this handsome Bird's-Nest Fern.
4-inch pots, 35c each; 5-inch pots, 60c each; 6-inch pots, $1.00 each.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

FIELD-GROWN
CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

CARNATIONS Fine, healthy, field-grown plants.

Queen Louise.....	$6.00	per 100;	$50.00	per 1000
Mrs. Geo. Bradt	6.00	"	50.00	"
Flora Hill.....	5.00	"	40 00	"
Lillian Pond	5.00	"	40.00	"
Mac Richmond	5.00	"	40.00	"

Asparagus Plumosus Nanus, strong plants, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.

I. H. MOSS, GOVANSTOWN, Baltimore County, Md.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

CUBA VIA THE WABASH.

The Wabash sells winter tour tickets to Havana, Cuba, via Mobile, New Orleans or New York. Are you interested? Write for full details and rates. F. A. Palmer, A. G. P. A., 97 Adams Street, Chicago, Ill.

Early New Rose Cuttings

of the very best wood, following varieties: La Detroit, Gen. McArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons.

We Are Selling Agents for

GIBSON BEAUTY and WHITE SWAN

Carnations. Shall be pleased to have you correspond with us in regard to prices.

FERNS

We are headquarters in the West for these, as well as Plumosus and Sprengeri. All sizes.
Write—

GEO. A. KUHL, PEKIN, ILL.

No. 1 FIELD-GROWN
CARNATION PLANTS

Queen Louise.....	$4.00	per 100;	$35.00	per 1000
Enchantress.....	7.00	"	65.00	"
Norway.....	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

LAYS 'EM OUT.

Springfield, Ill.

The Fumigating Kind of Tobacco Powder arrived O. K. It certainly lays out the green fly. See page 1360.

H. L. PHELPS.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

5,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $4 00; Estelle, $4.00; Alba, $4.00; Lawson, $4.00; Queen Louise, $3.50; Manley, $3.50; Lord, $3.50; Lorna, $3.50; Glacier, $3.50; America, $3.50; Gomez, $3.50; Marquis, $3.50 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.

Boston Ferns.

	Per 100
From bench ready for 4 and 5-inch pots...	$10 00
5-inch.....	15.00
2½-inch.....	4.00
Nephrolepis Cordata Compacta, 3-inch....	5.00
Asparagus Plumosus, 2 inch	3.00
" " 3-inch	5.00
" Sprengeri 2-inch	2.00
Christmas Peppers, 3 inch, in fruit	5 00
Rubbers, 20 to 24 inches high ....per doz.	4.00

Write for list of stock Mum plants.

CASH OR SATISFACTORY REFERENCE.

GEO. L. MILLER CO.
NEWARK, OHIO.

YOU will find...
ALL the BEST offers
ALL the time in the Review's Classified Advs.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, large, full leaved, 2½-in., 5c each. Cash.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Abutilon Savitzii, 2¼-in., very fine, $3.00 100; 200 for $5.00.
Michel Plant and Bulb Co., St. Louis, Mo.

Abutilons, 2½-in., fine sorts, $2.00 100.
Springfield Floral Co., Springfield, O.

ACALYPHAS.

Acalyphas. 500 microphylla and 1000 Wilkesiana, choice stock, 2¼-in., $3.00 100; 200 for $5.00; 500 for $10.00.
Michel Plant and Bulb Co., St. Louis, Mo.

ACHYRANTHES.

Achyranthes, 2½-in., fine stock, $3.00 100. The lot of 375 for $10.00.
Michel Plant and Bulb Co., St. Louis, Mo.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong 2-in. pot plants, postpaid, $2.00; 100 strong 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum cuneatum, 2-in. pots, ready for a shift, $3.00 100; $25.00 1000.
Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

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Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
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Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
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Crane	1.20	10.00	Success	1.20	10.00
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Cash or C. O. D.
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Chrysanthemum stock plants. Robinson, Niveus, Ivory, Mme. Lucie Faure, Modesto, Col. D. Appleton, Major Bonnaffon, Pink Ivory, Autumn Glory, Murdock, Lady Harriet, Thirkell, Mrs. Coombes, Black Hawk, John Shrimpton, Mrs. Jerome Jones, Mme. Bergmann, Polly Rose, Estelle, Harry Parr, 10c each; 75c doz.; $6.00 100. Alice Byron, Maud Dean, Marie Liger, Golden Beauty, Merry Christmas, W. H. Chadwick, 15c each; $1.25 doz.; $8.00 100. Ben Wells, Dr. Frasier, Wm. Duckham, F. A. Cobbold, Leila Filkins, Maynell, S. T. Wright, Henry Barnes, Mary Inglis, Donald McLeod, Harrison Dick, Mildred Ware, Mrs. F. W. Vallis, Gen. Hutton, Mme. Cahuzac, Kimberley, Dr. Enguehard, 25c each; $2.50 doz.
Samuel S. Peckham, New Bedford, Mass.

Chrysanthemum stock plants, healthy and true to name.

Wm. Duckham, Enguehard, S. T. Wright, Ben Wells, W. R. Church, Gen. Hutton, 20c each, $2.00 doz. Mrs. T. W. Pockett, Nellie Pockett, F. S. Vallis, Princess, Mildred Ware, Mrs. Thirkell, 15c each, $1.50 per doz.

Golden Wedding, Glory Pacific, Monrovia, Robinson, Halliday, J. Jones, Bonnaffon, T. Eaton, Pink and White Ivory, Midge, Kalb, Black Hawk, Childs, Lincoln, Minerva, Adula, Bloodgood, Perrin, Mutual Friend, Maud Dean, Negoya, Shrimpton, Golden Trophy, and other standard varieties, 75c per doz., $5.00 per 100. All the above stock was grown in solid benches. Wm. Scott Co., Corfu, N. Y.

Chrysanthemum stock plants. Wm. Duckham, Dr. Enguehard, $1.50 per doz. White—Alice Byron, Maud Dean, Nellie Pockett, T. Eaton, W. H. Chadwick, Mrs. J. Jones. Yellow—Col. D. Appleton, Pennsylvania, Robt. Halliday, Yellow Eaton, Yellow Mrs. Jones. Pink—Mme. Perrin, Maud Dean, Marie Liger. Red—Geo. W. Childs.

Rooted cuttings of Duckham and Enguehard later. Prices on application. Cash with order. S. N. Pentecost, 701 Republic St., Cleveland, O.

CHRYSANTHEMUMS—Continued.

Chrysanthemum stock plants. Wm. Duckham, Dr. Enguehard, C. J. Salter, Cheltoni, Mrs. Pockett, 20c each. Alice Byron, W. H. Chadwick, Nellie Pockett, Convention Hall, White Bonnaffon, Timothy Eaton, G. S. Kalb, Mutual Friend, Mrs. Coombes, Mrs. W. B. Chamberlain, A. J. Balfour, Maud Dean, Yellow Jones, Yellow Eaton, Goldmine, Yellow Chadwick, Black Hawk, Intensity, Mrs. Carrington, 10c each. Polly Rose, Ivory, Robinson, Mayflower, Merry Christmas, Mrs. Jerome Jones, Clark, Bergmann, Opah, Pink Ivory, Glory of Pacific, Murdock, J. K. Shaw, Mrs. Perrin, Halliday, Bonnaffon, Appleton, Whilldin, Lincoln, Golden Wedding, Sunshine, 6c each.
James E. Beach, Bridgeport, Conn.

The best pink chrysanthemum to date is WM. DUCKHAM. Read the show reports from all over the country. You cannot make a mistake in stocking up heavily with this fine mum. Strong stock plants now ready 25c each, $2.50 per doz.
Also Monrovia, Robt. Halliday, Marion Newell, F. S. Vallis, C. J. Salter, Alice Byron, Mrs. Coombes, Liger, Yanariva, White and Yellow Eaton, Chadwick, Intensity, Ivory, White and Pink Pacific, Convention Hall, J. K. Shaw, White and Yellow Bonnaffon, Mrs. Chamberlain, etc., 10c each, $1.00 doz. All strong, healthy, true stock. Cash with order.
Gunner Teilmann, Marion, Ind.

CHRYSANTHEMUM STOCK PLANTS.
White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.
Yellow—October Sunshine, Monrovia, Omega, Bonnaffon, Mournier, Yellow Mayflower, Yellow Jones, Appleton, Golden Wedding, Golden Beauty, Yellow Eaton.
Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.
Red—Oakland, M. P. Labbe.
Price, 10 cents each; $1.00 doz.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemum stock plants. Alice Byron, Marie Liger, Mrs. Coombes, Halliday, Nicollaud, Emmerton, Chamberlain, M. Richardson, Paola Raedelli, Mrs. Thirkell, Chadwick, Minnie Bailey, Bentley, Yanariva, Richardson, 10c each. A. J. Balfour, F. Molyneux, 15c each. Ben Wells, S. T. Wright, Maynell, Duckham, Cobbold, Leila Filkins and many other 1904 novelties, 25c each. No order filled for less than $2.00. W. A. Chalfant, Springfield, Mo.

New chrysanthemums. Stock plants now ready. S. T. Wright, 50c each, $5.00 doz.; Wm. Duckham, Ben Wells, Dr. Enguehard, 35c each, $3.00 doz. T. Eaton, Yellow Eaton, Marie Liger, H. Sinclair, M. Bailey, G. W. Childs, K. Broomhead, 10c each, $8 00 100. Glory of Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, Bonnaffon, 8c each, $6.00 100. Monrovia, Halliday, 10c each, $7.00 100.
H. Weber & Sons, Oakland, Md.

Chrysanthemum stock plants. Wm. Duckham and Dr. Enguehard, $1.50 doz., $10.00 100. Mildred Ware, F. A. Cobbold, Ben Wells, $2.00 doz. Mrs. T. W. Pockett, M. Richardson, Mrs. Thirkell, Mrs. Coombes, A. Byron, C. J. Salter, Wm. R. Church, Convention Hall, $1.20 doz. Souv. de Calvat pere, 20c each. Plants shipped C. O. D. with privilege of examination.
G. A. Lotze, Glen Burnie, Baltimore, Md.

Chrysanthemum stock plants. Per 100:

F. A. Cobbold	$12.00	Polly Rose	$ 5.00
Marie Liger	5.00	Monrovia	8.00
Lady Harriett	4.00	C. J. Salter	8.00
Dh. Enguehard	12.00	Alice Byron	12.00
Mrs. Thirkell	9.00	Cheltoni	17.00
Opah	5.00	Duckham	$12 to 17.00
Ben Wells	17.00		

S. S. Pennock, 1612 Ludlow St., Phila.

New chrysanthemums ready for immediate delivery. Valerie Greenham, Mrs. H. A. Allen, Lady Cranston, Mrs. J. A. Miller, J. H. Silsbury, Mrs. W. Higgie. These are good healthy stock in 3-inch pots, and if planted out now can be increased tenfold or more by February.
W. H. Thomas, Convent Station, N. J.

Chrysanthemums. White—Polly Rose, Willowbrook, Ivory, Nivens (grand), Adula (best incurved), Eaton (mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Any 4 for 25c; 20 for $1.00. W. J. Olds, Union City, Pa.

Chrysanthemums. Strong stock plants of Dr. Enguehard $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Stock plants of chrysanthemum, good, strong and healthy, $4.00 100, $35.00 1000—Halliday, Oct. Sunshine, Col. Appleton, Eaton, Mme. Perrin, V-Morel, Queen, Maj. Bonnaffon, Polly Rose, Glory Pacific, Bergmann, Ivory. Cash, or C. O. D.
Garfield Ave. Greenhouses, Salem, O.

Chrysanthemums. Stock plants of Willowbrook, best early white; Robert Halliday and Ivory, strong and clean, $5.00 per 100, 75c per doz. Cash, please, or C. O. D.
A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemums stock plants, Coombes, Robinson, Halliday, Tranter, Alice Byron, Salter, Convention Hall, Chamberlain, Golden Wedding, Balfour, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.
The Summerfield Floral Co., Springfield, Mo.

CHRYSANTHEMUMS. Stock plants of W. Duckham, Cheltoni, Leila Filkins, Harrison Dick, Ben Wells, and all the other last year's novelties. Also a full line of standard kinds. Prices right. Plants warranted true to name.
CHAS. H. TOTTY, Madison, N. J.

Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon, Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.
Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum stock plants. Omega, Bergmann, Bonnaffon, Estelle, Opah, Duvean, Oct. Sunshine, Ivory, 75c per doz., $5.00 per 100. Alice Byron, Halliday, Chadwick $1.00 per doz., $7.00 per 100.
Des Plaines Floral Co., Des Plaines, Ill.

Chrysanthemum stock plants, Polly Rose, Willowbrook, Montmort, Pacific, Morel, Appleton, Maud Dean, Ivory, White and Yellow, Bonnaffon, Golden Wedding, Jerome Jones, $5.00 per 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Chrysanthemums, stock plants now ready. White—Polly Rose, Willowbrook, Nellie Pockett. Pink—Glory of the Pacific. Yellow—Robert Halliday, $3.00 per 100; 75c per doz.
James Coleman, 212 Mansion St., Poughkeepsie, N. Y.

Mum stock plants, $6.00 100 prepaid. Robinson, Appleton, Childs, Monrovia, Omega, Liger and 2 extra early southern seedlings, white, curled, globe form and a deep yellow.
Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

Chrysanthemum stock plants. Opah and Polly Rose, 5c ea.; Monrovia, Alice Byron, C. J. Salter, 10c ea., $1.00 doz. Cheltoni, Wm. Duckham, Dr. Enguehard, 15c ea., $1.50 doz.
Larchmont Nurseries, Larchmont, N. Y.

Chrysanthemum stock plants, Polly Rose, Glory of Pacific, Golden Wedding, Appleton, Childs, White and Pink Ivory, 60c doz., $4.00 100. C. Holmes, Western Ave., Albany, N. Y.

Stock mums from 5 to 8-in. pots, $3.00 100. T. Eaton, Col. Appleton, White Bonnaffon, Major Bonnaffon, Early Yellow, W. W. Thompson & Sons, Sta. D. R. R. 1, Milwaukee, Wis.

Chrysanthemums, good clean stock of G. Pacific, Robinson, Kalb, Maud Dean and October Sunshine to close out at $3.00 per 100. Cash.
W. T. Stephens Co., Brookfield, Mo.

Chrysanthemum stock plants, field-grown, Estelle, Glory Pacific, Robinson, Bassett, Kalb, 10c each, $1.00 doz., $7.00 100.
A. Hauge, Birmingham, Ala.

Four early mums, Clementine Touset, Revell de Begles, Roi d'Italie, Merstham Yellow, 50c each, $5.00 doz., $35.00 100.
The E. G. Hill Co., Richmond, Ind.

Chrysanthemum stock plants, Glory Pacific, Bergmann, Yellow Bonnaffon, 60c doz. Dr. Enguehard, 25c each.
Riverside Greenhouses, Gardner, Mass.

Chrysanthemums Alice Byron and Mrs. Coombes; stock plants, fine stuff $6.00 per 100.
R. Pabst, Rutledge, Del. Co., Pa.

Chrysanthemum stock plants of the best varieties, $4.00 to $8.00 per 100
L. G. Blick, Norfolk, Va.

Heavy Duckham, 25c ea., $2.00 doz.
W. Wyman, Swampscott, Mass.

CINERARIAS.

Cinerarias. Stellata, Columbian, James prize strains, 2-in., $2.00; 3-in., $3.00 per 100.
J. Sylvester, Oconto, Wis.

Cinerarias. Finest large-flowering, dwf., mixed, ready for 3-in. pots, $2.00 100.
John F. Rupp, Shiremanstown, Pa.

4000 cinerarias, 3-in. pots, very strong, medium large flowering, $3.50 per 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

150 cinerarias from 3-in. pots, fancy mixed, $3.00 100.
A. W. Boerger, Gardenville, N. Y.

Cinerarias, dwarf, 2-in., $2.00 per 100. Cash.
J. W. Miller, R. D. 6, Carlisle, Pa.

Cinerarias, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

Cinerarias, 2½-in., $2.00 100.
J. S. Bloom, Riegelsville, Pa.

CLEMATIS.

Clematis, strong, white, $6.00 100. Cash.
W. G. Eisele, West End, N. J.

COLEUS.

Coleus, 2½-in., 15 varieties $1.50 100.
Springfield Floral Co., Springfield, O.

Coleus. 600 Golden Bedder, 700 Verschaffeltii, 100 Flambeau, 200 Mrs. Hays, 150 Fred Otterman, 200 Setting Sun, 200 Queen of the Lawn, 100 Prince Albert Victor, 200 Mrs. Kirkpatrick, 75 Republic, 150 Ebert, 100 Black Bird, 75 Thos. Meehan, 2½-in., strong young stock, $2.50 100; 500 for $10.00.
Michel Plant and Bulb Co., St. Louis, Mo.

Choice rooted cuttings Verschaffeltii, Golden Bedder, etc., $4.00 per 100 by express; 50c per 100 by mail. R. C. Salvia splendens, 75c per 100 by mail. Cash. Contracts taken. Atlantic Coast Nurseries, Office, 606 4th Ave., Asbury Park, N. J.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

CRYPTOMERIAS.

Cryptomeria Japonica, 2-in., $5.00 100; 4-in., $10.00 100. E. I. Rawlings, Quakertown, Pa.

CUPHEAS.

Cigar plant (cuphea), 2-in., $2.00 100.
E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, 6, 7 and 8-in. pots, from 5 to 8 leaves, 50c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CYCLAMEN.

Cyclamen persicum splendens, well-budded; best Hamburg strain, in 5 separate colors, 4 and 5-in. pots, $12.00, $18.00 and $25.00 per 100. Express only. Cash with order.
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Cyclamen giganteum, in bud and bloom, 4 colors; an extra good lot, all good plants, 4-in., $12.00 per 100. Select large, 4-in., $15.00 per 100. N. O. Caswell, Delavan, Ill.

Cyclamen giganteum, extra fine plants full of buds and some in bloom, 5-inch, $15.00 per 100. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Cyclamen giganteum, large flowering, in bud and bloom, 4-in., $10.00 100; 5-in., $15.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, nice plants, 5-inch pots, 15c each.
J. S. Bloom, Riegelsville, Pa.

Cyclamen, 4-in., $8.00 per 100.
S. M. Harbison, Danville, Ky.

DAHLIAS.

Dahlias. 25 leading var., such as C. W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc. Heavy, field clumps, $5.00 100; $45.00 1000.
The Dingee & Conard Co., West Grove, Pa.

Dahlia roots. List and prices sent on application. We have about 5000 roots, mixed, that we offer at $4.00 100; $35.00 1000.
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DAISIES.

Orders booked now for Mr. Burbank's
NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA
$3.00 doz.; $15.00 1000. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Plants ready in December. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Double daisies, Longfellow and Snowball, $2.00 per 1,000; small plants to close out. Cash.
Byer Floral Co., Shippensburg, Pa.

Shasta daisies, nice plants from seed, once transplanted, 75c per 100, postpaid. Cash.
Wm. Bierstadt & Sons, Springfield, Ill.

Dbl. Daisy, Snowball, Longfellow, Giant. Fine, large plants, $2.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

500 Snowball daisy clumps, $3.00 per 100.
Geo. Engel, Xenia, Ohio.

DRACÆNAS.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

FARFUGIUMS

Farfugium grande, 4-in., very bushy, $15.00 100; 5-in., extra fine, $20.00 100. This stock is finely variegated and in tip-top shape.
Michel Plant and Bulb Co., St. Louis, Mo.

FERNS.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25. Piersoni ferns, 2½-in., 8c. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Look here! The heaviest Bostons from pots in the U. S., will fill 8 and 10-in. pots, only 40c; 5-in., 35c; 4-in., 15c; 3-in., 8c; 2½-in., 3½c. Extra heavy Piersoni, 6-in., 50c; 5-in., 40c, will fill 8-in. pots; 4-in., 15c; 3-in., 8c; 2½-in., 4c. Cash, please.
A. J. Baldwin, Newark, Ohio.

2000 Boston ferns from bench, stocky, well grown in full light, good shape, for 5-in., $15.00 per 100; 6-in., $20.00 per 100; 25 at 100 rate. Piersoni for 6-in., 25c; 7-in., 35c; 3-in., 10c. See violet and asparagus advs. Cash.
Benj. Connell, West Grove, Pa.

Boston ferns, 6-in. pots, 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 7-in. specimens, 75c to $1.00 each; 8-in., $1.25 each. Ferns for fern dishes, mixed, 2½-in., 5c; 3-in., 15c to 20c, strong.
G. Aschmann, 1012 Ontario St., Phila.

BOSTON FERNS. Extra heavy stock in 6-in. pots. These plants are all fine specimens and will sell on sight. Plants will be shipped either with or without pots as desired. Price, $5.50 per doz.
Wagner Park Conservatories, Sidney, Ohio.

Assorted ferns for jardinieres, in all the leading varieties, 2¼-in., $3.00 per 100; $25.00 per 1000. 3-in., $6.00 per 100; $55.00 per 1000. 4-in., $12.50 per 100. 500 at 1000 rates.
Frank Eskesen, Madison, N. J.

Boston and Pierson ferns, in 6 to 10-in. pots, $6.00 to $18.00 per doz. Send for sample lot. They are of extra value.
Michel Plant and Bulb Co., St. Louis, Mo.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, from bench ready for 4 and 5-in., $10.00 100; 5-in., $15.00 100; 2½-in., $4.00 100. Nephrolepis cordata compacta, 3-in., $5.00 100. Geo. L. Miller Co., Newark, Ohio.

Ferns for fern dishes, in very best varieties, $1.50 100; $12.00 1000; 2¼-in. pots, $3.00 100; $25.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Piersoni ferns, 6-in., extra nice, $50.00 100. Bostons from 2½ to 10-in.; fine lot of 3 and 4-in., ready to shift. Write
Geo. A. Kuhl, Pekin, Ill.

Ferns, 2¼-in., $3.00 100; 3-in., $6.00; 4-in., $10.00; 5-in., very fine, $20.00; 6-in., $35.00; 7-in., $60.00; 8-in., $75.00.
W. H. Gullett & Sons, Lincoln, Ill.

Boston ferns taken from bench, $15.00 to $25.00 100. Adiantum cuneatum, ready for 5-inch pots, $12.00 100.
William A. Bock, No. Cambridge, Mass.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

I make a specialty of small ferns for jardinieres, etc. A good variety of the right kind, 2¼ in., $3.00 per 100.
H. Weston, Hempstead, L. I., N. Y.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns. Strong bushy plants, 3-in., $3.00 per 100; 4-in., $12.00 per 100.
Geo. Van Horn, Capitol Greenhouses, Springfield, Ill.

Pierson ferns, 2½-in., $3.00 100; 4-in., $10.00; 5-in., $15.00. Boston ferns, 4-in., $8.00; 5-in., $15.00. The Springfield Floral Co., Springfield, O.

Boston ferns, 3-in., 6c; 4-in., 12c; 5-in., 25c; 6-in., 35c; 7-in., 60c. Pierson ferns, 3-in., 8c; 4-in., 15c. S. M. Harbison, Danville, Ky.

Boston ferns. Stocky plants with short fronds, good value; 6-in. pots, 50c each, $6.00 doz. J. W. Young, Germantown, Phila., Pa.

Cordata compacta ferns in 4-in., 5-in. and 6-in. pots, very cheap. Prices upon application.
Lloyd G. Blick, Norfolk, Va.

BOSTON FERNS. Rooted runners from bench, for 2½, 3 and 4-inch pots, $2.00 per 100.
Will B. Munson, Denison, Tex.

Pierson runners, extra strong, $3.00 per 100.
Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

Boston ferns from bench, fine healthy stock ready for 5-inch pots, $12.00 per 100.
Geo. Rentschler, Madison, Wis.

Bostons, surplus stock. 100 5-in. at 20c; 100 4-in. at 12½c; 100 3-in. at 7c.
A. R. Edwards, 339 Ohio St., Zanesville, O.

Boston ferns, bench grown, good for 5 and 6-in. pots, $3.00 doz., $20.00 100.
Converse Greenhouses, Webster, Mass.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices.
Swan Peterson Floral Co., Gibson City, Ill.

20,000 Boston ferns from bench, fine plants, $8.00 1000. B. De Winkeler, Arch Creek, Fla.

Mixed ferns from 3-in. pots, fancy stock, $5.00 100. A. W. Boerger, Gardenville, N. Y.

Boston ferns, 3-in., 4-in. and 5-in., 8c, 15c and 20c.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Boston ferns, 6-in., 40c each; 3-in., $5.00 per 100. W. H. Parsil, Summit, N. J.

Boston ferns from bench, $1.50 to $10.00 100.
W. W. Coles, Kokomo, Ind.

Boston ferns, all sizes; good plants.
Crown Point Floral Co., Crown Point, Ind.

FORGET-ME-NOTS.

Forget-me-nots, 3 colors, nice plants, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

GARDENIAS.

Gardenia grandiflora, beautiful plants, field-grown, well branched, 18-in., $3.00 per doz. I prepay express charges.
Wm. C. Steele, Alvin, Texas.

GENISTAS.

Genistas, 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

GERANIUMS.

Geranium rooted cuttings, surplus stock, at reduced prices to close them out. We need room for other stock. Speak quick if you want them. Chautemarie, new single salmon, L. Francais, new dbl. salmon, J. Madeline, new dbl. light pink, $1.50 per 100, $12.00 per 1000. Heteranthe, Mme. Landry, J. Viaud, Mme. Noizet, L. Corret, Canovas, Bellerophon, $1.25 per 100; $10.00 per 1000. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

S. A. Nutt, Mme. Landry, Alp. Ricard, Mme. Charrotte, M. Canovas, Jean Viaud, Granville (single), La Favorite, John Doyle, dbl. Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Gloire de France and Mme. Barney, etc., 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geranium PETER HENDERSON, a very much improved double giant, should be in every growers' collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums, rooted cuttings. S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums S. A. Nutt, La Favorite, Viaud, Perkins, Poitevine, Ricard, Trego, $1.50 100 prepaid. Chas. Gay, Des Moines, Iowa.

Geraniums. 10,000 Nutt and 20 other varieties, 2¼-inch, strong, $2.00 per 100, $17.50 per 1000. Ludwig Mosbaek, Onarga, Ill.

Geraniums, rooted cuttings, best kinds, labeled, $1.25 per 100 by mail; $10.00 per 1000 by express. S. W. Pike, St. Charles, Ill.

Geraniums of the best sorts, good and strong; no drawn plants, 3-in. pots, $2.00 per 100.
Dana R. Herron, Olean, N. Y.

Geranium cuttings, standard varieties, 50c per 100 by express. Cash with order.
W. H. Jones, Lorain, Ohio.

Geraniums, best sorts, 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Geranium rooted cuttings, mixed sorts, $1.00 per 100. Cash, please.
Albert W. Boerger, Gardenville, N. Y.

Geranium Jean Viaud, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

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Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
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Gladiolus BLUSHING BRIDE is a beautiful, ivory white, with crimson flakes; unexcelled for cut flowers; excellent for early forcing. Price: 40c doz.; $2.50 100; $20.00 1000.
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Golden elder, 3-yr., $60.00 1000. Euonymus, 1-yr., 12 to 15 in. high, $60.00 1000. Box edging, 3 to 4 in. high, $50.00 1000. Achillea The Pearl, $5.00 100; A. rosea, $4.00 100. Aquilegia, $5.00 100. Santolina, large, $6.00 100. Coreopsis lanceolata, $4.00 100. Dianthus barbatus, $5.00 100. Funkia coerulea, $4.00 100. Gaillardia grandifl., $5.00 100. Helianthus max., $4.00 100. Delphinium formosum, $5.00 100. Hollyhocks, dbl. white, red, pink, yellow, 1-yr., $8.00 100; single, mixed, $6.00. Golden Glow, $3.00 100. Lychnis Haageana, chalcedonica, $5.00 100. Monarda rosea, $5.00 100. Myosotis palustris, $3.00 100. Anthemis tinctoria, $5.00 100. Heuchera sanguinea, $6.00 100. Stokesia cyanea, $5.00 100. Pyrethrum roseum, $5.00 100. Papaver orientalis, $5.00 100. Veronica longifolia, $8.00. Platycodon, blue, $5.00 100. Digitalis gloxinaeflora, $6.00 100. Agrostemma coronaria, $5.00 100. Cash.
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Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia gracilis, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandifl., $15.00 100. Lilacs, $45.00 100. Aristolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100.
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Crataegus coccinea, 3 to 4 ft.	1.25	10
Crataegus Crus-galli, cut back, 2 to 3 ft.	1.25	10
Crataegus Crus-galli, cut back, 1 to 2 ft.	1.00	8
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High grade nursery stock. Berberis Thunbergii, Spiraea Van Houttei and Clematis paniculata. Norway maple, extra fine, all sizes. California privet, $12.00 to $30.00 per 1000. Rhododendron max. and Kalmia latifolia. Wholesale trade list on application.
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Strong, 3-yr.-old plants, 15 to 18-in., bushy and finely rooted, $10.00 per 100; $80.00 per 1000. Also trees, shrubs and other nursery stock. Packing at cost.
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Hydrangea Hortensis japonica, very strong, field-grown plants, will take 7 and 8-in. pots, $15.00 per 100.
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With 4 flowering crowns, 7.00 per 100
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Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
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Lily of the valley pips, ready for delivery. Extra selected, $14.00 1000, in 2500 lots $13.00 1000; Berlin pips, extra early, $11.00 1000, in 2500 lots $10.00 1000; Hamburg pips, selected, $10.00 1000, in 2500 lots $9.50 1000.
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Bruns' lily of the valley from cold storage, $1.75 100; $15.00 1000; case of 2500, $35.00.
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Lily of the valley forcing pips, fine variety.
Julius Hansen, Pinneberg, Germany.

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Mignonette, Allen's Defiance, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

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MISTLETOE. "Silliman's Every Sprig Berried Brand." Grown on our preserves in the Indian Territory. Packed in our patent basket cases, mistletoe reaches dealer without breakage. Thirteenth year. Now booking orders for December shipment.
For prices address home office.
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Mistletoe, 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50. Special prices on large lots.
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Texas mistletoe, heavy green foliage; fine, large, white berry. Large size crate, $1.00.
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Mistletoe heavily berried. Samples free.
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English mushroom spawn, the best imported into this country. 15c per brick; $1.75 per doz. bricks, about 18 lbs.; 25 lbs., $2.00; 100 lbs., $6.00. Special prices on 500 lbs. and over.
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Native bog plants, including dionaea, sarracenia, Nymphaea odorata, Nuphar sagittaefolium, etc. Send for price list.
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We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
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Kentia Forsteriana, 3-in. pots, 3 plants in pot, 16 to 18 in. high, 8 to 10 leaves, 15c each by the doz.; $12.00 100; $10.00 per 100 in 500 lots; 4-in., 20c. Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 30 to 40 in. high, 75c to $1.00 each. 4-yr.-old Forsteriana, made up plants, 7-in. pots, 40 to 48 in. high with 6 smaller around, about 18 to 20 in. high, $1.50 each. Areca lutescens, 5-in. pots, 3 in pot, 30c; 5½-in., 50c; 6-in., 30 in. high, 3 in pot, 75c. Latania borbonica, 6-in., 50c. Phoenix canariensis, 8-in. pots, 4 ft. high, 4 ft. wide, 14 perfect leaves, $2.00 each. G. Aschmann, 1012 Ontario St., Phila.

Cocos Weddeliana and Kentia Belmoreana, fine for centers of fern dishes, 10c each, $9.00 per 100. Kentia Belmoreana, 4-in., nice stock, 25c each. Latania Borbonica, strong, 4-in., $15.00 per 100.
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Latania palms and arecas. Write J. W. Colflesh, 53rd St. & Woodland Ave., Phila.

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Kentia palms. Large assortment.
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Palms and decorative plants.
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500,000 pansy plants ready for shipment. Florists' International is the cream of pansies from leading European growers, strong transplanted, $5.00 per 1000. Seed bed plants, $4.00 per 1000, 50c per 100; in bud and bloom, bushy plants, $1.50 per 100. Giant pansies, very large flowering, rich colors, mixed, also separate colors, strong, transplanted, $3.00 per 1000. Seed bed plants, $2.50 per 1000, 30c per 100. Cash. Geraniums and bedding plants by the 1000 and 10,000 lots. Ferns, Piersoni and Boston, price and quality right.
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PANSY PARK PERFECTION, a new strain and the best ever offered. Flowers of the largest size, most perfect form, thick velvety petals, and greatest variety of rich and rare colors and markings. Every variety worth growing is in this strain, including all the best giant sorts, and they were grown from seed specially selected from the finest flowers of each sort.
Fine, stocky, field-grown seed-bed plants sowed thinly, all varieties mixed, $3.00 per 1000; 500, $1.75; 250, $1.00. Cash with order. Pansies a specialty for 30 years.
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Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansies, good out-door plants, a high-class mixture for retail trade, 50c a 100 by mail; $2.50 a 1000 by express.
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Pansies, strong, stocky plants. Plant now for spring; 7 distinct colors or mixed varieties, $3.00 per 1000; 2000 for $5.00.
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Fine pansy plants, Vaughan's Giants and International mixture, postpaid, 60c per 100; by express $3.00 per 1,000.
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Giant pansies, will please your trade, $2.00 per 1,000. Cash.
Byer Floral Co., Shippensburg, Pa.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Pansies, Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
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100,000 pansy plants, leading trade varieties, $3.00 1000, cash with order.
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100,000 pansies, excellent strain, $2.50 per 1,000; $10.00 per 5,000.
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Pansy plants, 60c 100, $2.50 1000. Cash.
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Pelargoniums, 20 best named varieties, including Victor, Surprise, Vibert, Countess Dorothy, Raikes, Andre, Vivid, Perkins, Bride, Pansy, Violet, etc., rooted cuttings, $2.50 per 100; 2½-in., $3.50 per 100. J. Sylvester, Oconto, Wis.

Pelargoniums, mixed, 2-in., $3.00 per 100.
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Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100. $75.00 1000. 500 at 1000 rate.
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Fine collection of peonies including Festiva maxima. For prices write
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Petunias, dbl. fringed, 6 distinct novelties, $1.00 100; $9.00 1000.
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Phloxes (hardy perennial) transplanted, field-grown plants, mixed colors, $2.00 per 100; $18.00 per 1000.
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Hardy phlox, field-grown, ten good varieties, $5.00 100. National Plant Co., Dayton, O.

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Plumbagos, blue and white, 3-in., $3.00 100.
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POINSETTIAS.	Per 100
3-inch	$8.00
4-inch	15.00
5-inch	$20.00 and 25.00
6-inch	30.00 and 35.00

Strong plants. Satisfaction guaranteed.
Cash with order.
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Poinsettias, 4-in. pots, $8.00 per 100; 6-in., $15.00 per 100.
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Primroses obconica, fringed and other varieties, extra fine, full of buds and flowers, 4 and 5-inch, $6.00 and $10.00 per 100. Chinese fimbriata giganteum, full of buds and some in bloom, strong 5-inch, $10.00 per 100. Cash.
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New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
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Primula obconica, fine stocky plants, in bud, from 4½-in. pots, 5c each, by express. Try them. Alonzo J. Bryan, New Hampton, N. J.

600 primula obconica, strong plants, ready for 3 or 3½-in. pots, $3.50 100 while they last.
Henry Barton, Westfield, Mass.

Primula obconica grandiflora, fine plants, 2-in., $2.00 per 100. Cash with order.
M. & S. L. Dysinger, Albion, Mich.

Primula obconica, fine stocky plants, in bud, from 4½-in. pots, $8.00 per 100.
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Primula chinensis for Xmas blooming, Rupp's best strain. 4-in., $8.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

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Primula Forbesii, nice stock, 2-in., $1.50 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

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Primula chinensis, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

Primula chinensis, 4-in., $6.00 100.
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PRIVET.

Choice California privet, well branched and well rooted.

		100	1000
3-year, 2½ to 3	feet	$2.75	$25.00
3-year, 2 to 2½	feet	2.50	22.50
2-year, 3 to 4	feet	2.75	25.00
2-year, 2 to 3	feet	2.15	18.00
2-year, 1½ to 2	feet	1.75	14.00

TAKE 10 PER CENT OFF for cash. Prompt shipment. Cash with order, packing free. Atlantic Coast Nurseries, Office, 606 4th Ave., Asbury Park, N. J.

100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

Eisele's privet, cut back, heavy, 2½ to 3½ ft., $30.00 1000. 2-yr., 2 to 2½ ft., strong, $20.00 1000. 1-yr., 12 to 18 in., $12.00 1000. Cash. W. G. Eisele, West End, N. J.

CALIFORNIA PRIVET.
2 to 2½ feet.....$18.00 per 1000
3 to 4 feet..... 24.00 per 1000
Wm. Bryan, Elberon, N. J.

California privet, 1, 2 and 3-year plants, fine and bushy, $10.00, $25.00 and $30.00 1000.
Jas. Ambacher, West End, N. J.

California privet, extra strong, 4c.
W. H. Salter, Rochester, N. Y.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

ROSES.

Should you want set aside for your spring planting any Anne de Diesbach, Boule de Niege, Gloire Lyonnaise, Gen. Jacqueminot, Mrs. Jno. Laing, Mme. Chas. Wood, Mme. Plantier, Mme. Masson, Magna Charta, Paul Neyron, The Bride, Bridesmaid, Etoile de Lyon, Maman Cochet, White Maman Cochet, Yellow Maman Cochet, Marie Guillot, S. de Pierre Notting, Papa Gontier, Perle des Jardins, Sunrise, Sunset, Kaiserin Augusta Victoria, La France, White La France, Meteor, Helen Gould, Souv. de Pres. Carnot, Clothilde Soupert, Hermosa, Crimson Rambler, Pink Rambler, Yellow Rambler, White Rambler, Mrs. Robt. Peary or Marechal Niel, either in 2½ or 4-in. pots. Write to
The Leedle Floral Co., Springfield, Ohio.

Crimson Rambler roses, extra, $15.00 100. H. B. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Orders booked now for strong field rose bushes; will begin digging in about two weeks.
Maman Cochet $6.00 100; $50.00 1000
White Maman Cochet.... 7.00 100; 60.00 1000
Kaiserin 10.00 100; 80.00 1000
Cash with order.
C. Akehurst & Son, White Marsh, Md.

Roses. Crimson Rambler, Pink Rambler, White Banksia, Manda's Triumph, Universal Favorite, South Orange Perfection, field-grown, $10.00 per 100. Cherokee, $4.00 per 100. 12 to 18 inches. James M. Lamb, Fayetteville, N. C.

Roses for pot plants for Easter. American Beauty, $8.00 100; $75.00 1000. Kaiserin, $8.00 100. La France, $8.00 100. All good two-year-old plants to be lifted from benches.
C. W. Cox, 2nd & Bristol Sts., Phila.

Roses, fine 2-yr., field-grown Gen. Jacq. and other best H. P.'s. Crimson and Yellow Rambler, Queen of the Prairie, etc., extra strong, 12c. Crimson Rambler XXX, 20c.
W. H. Salter, Rochester, N. Y.

We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Early new rose cuttings. La Detroit, McArthur, Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons. Write
Geo. A. Kuhl, Pekin, Ill.

Rose of Sharon, dbl. pink, 3-year, bushy, $10.00 100. Crimson Rambler, strong, $10.00 100. Packing free. Cash.
Jas. Ambacher, West End, N. J.

Hardy perpetual standard and dwarf roses. Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Roses, Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Bride, Maid, Ivory and Golden Gate roses, 3-in., $4.00 100; $35.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Dorothy Perkins, extra fine, field-grown, 3 to 4 ft., $10.00 per 100.
Tyler Bros., Du Bois, Pa.

5000 strong, 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

ROSE STOCKS.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
G. Aschmann, 1012 Ontario St., Phila.

Rubbers, large leaves from the bottom up, 5, 6 and 7-in. pots, 20c, 25c and 30c each; 10% discount in 100 lots. Cash.
A. Mirring, East St. Louis, Ill.

Ten large bushy rubber plants for sale, suitable for stock; cheap.
C. L. Reese, 772 So. Limestone St., Springfield, O.

Rubbers, top layers from 4-in. pots, 8 to 12 large leaves, $2.50 per doz. Cash.
J. F. Allen, Orlando, Fla.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Ficus, 4-in. pots, 12 to 15 in. high, $2.00 doz.
R. Vincent, Jr. & Son, White Marsh, Md.

Rubbers, 20 to 24 inches high, $4.00 doz.
Geo. L. Miller Co., Newark, Ohio.

Ficus elastica, 24 inches high, 40c each.
National Plant Co., Dayton, O.

Ficus, 6-in., $35.00 100; 4-in., $22.50.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent Jr. & Son, White Marsh, Md.

Salvia officinalis variegata, 2¼-in., very fine, $3.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

Salvia splendens, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

Salvia splendens cuttings, 75c 100.
F. E. Bonham, Macomb, Ill.

SEEDLINGS.

Delphinium formosum and Lychnis chalcedonica seedlings, a few hundred good plants left, $1.00 per 100. Geo. Engel, Xenia, Ohio.

SEEDS.

New hardy annual, Nicotiana Sanderae. Seeds in original packets from all seedsmen throughout the United States. Gold medal, London, 1903. Gold medal, Royal Horticultural Society of England, 1904. First-class certificate and Barksean medal by 24 members of Floral Committee, R. H. Society. Particulars, colored illustrations, etc., from
Sander & Sons, St. Albans, England.
Wholesale agents for the United States: Henry A. Dreer, Chestnut St., Phila., Pa.; J. M. Thorburn, Cortlandt St., New York.

Asparagus plumosus robustus, 100 seeds, $1.25; 1000, $10.00. A. decumbens, 100 seeds, 60c; 1000, $5.00. A. Sprengeri, 100 seeds, 15c; 1000, $1.00. Kentia Bel. or Forst., 5000 seeds, $15.00; 1000, $4.00; 100, 50c. Trial pkts, 10c. Trade pkts, 50c.
H. H. Berger & Co., 47 Barclay St., N. Y.

Cyclamen giganteum, mixed, 200 seeds, $1.00; one-half pkt., 50c. Giant pansies, mixed, 5000 seeds, $1.00; one-half pkt., 50c. Chinese primrose, single and dbl., mixed, 500 seeds, $1.00; one-half pkt., 50c.
John F. Rupp, Shiremanstown, Pa.

Sweet, field and pop corn, cucumber, melon and squash seed. We have a surplus to offer. Send for samples and get our price before placing orders.
A. A. Berry Seed Co., Clarinda, Iowa.

Cocos Alphonsei and Cocos campestris seeds, 65c per 100 postpaid. Two quick growing and hardy palms which will stand it down to 12 degrees.
Louis Bosanquet, Fruitland Park, Fla.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-80 E. Kinzie St., Chicago.

New crop indoor grown seed of winter flowering stock, BEAUTY OF NICE. Trade pkt., 25c.
Chas. F. Seitzer, 20-30 Oswego St., Utica, N. Y.

Choice varieties of melon, tomato, cabbage, cucumber, sugar corn, egg plant and pepper seed.
Wm. R. Bishop, Seedsman, Burlington, N. J.

Fresh Areca lutescens seed, $3.00 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Watermelon seed, all leading sorts, strictly high class at reasonable prices. Ask for list.
D. H. Gilbert, Monticello, Fla.

Long Island cabbage seed and American cauliflower; also other special seed stocks.
Francis Brill, Hempstead, L. I., N. Y.

Turnip, parsnip, beet and onion seeds; also sweet corn. Write for prices.
Everett B. Clark Co., Milford, Conn.

Fresh crop PEAR SEED, due in December, $250.00 per 100 lbs.
Suzuki & Iida, 31 Barclay St., N. Y.

New crop smilax seeds, per oz., 20c; ¼ lb., 60c; lb., $2.00.
Johnson & Stokes, 217-219 Market St., Phila.

We invite correspondence from the seed trade of the United States.
W. W. Johnson & Son, Ltd., Boston, England.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Stocks. Princess Alice, pure white, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

75,000 Asparagus plumosus seeds, $4.00 1000. Cash. Lewis Ullrich, Tiffin, Ohio.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SELAGINELLAS.

Selaginellas, 2-in., $2.25 per 100.
E. I. Rawlings, Quakertown, Pa.

SMALL FRUIT PLANTS.

Millions of strawberry plants. Send for list.
W. W. Thomas, Anna, Ill.

Strawberry plants. Send for list.
Wm. R. Bishop, Burlington, N. J.

SMILAX.

Smilax plants, strong, thrifty, 2-in. pots, $1.00 a 100, $9.00 a 1000; 3-in., $2.00 a 100.
R. Kilbourn, Clinton, N. Y.

Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, 2¼-in., strong stock, $1.25 per 100, $10.00 per 1000.
Kroeber & Schwarz, New Bedford, Mass.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax, 2½-in. pots, $1.75 100; $15.00 1000.
Converse Greenhouses, Webster, Mass.

Smilax, 2-in., 75c 100; seedlings, 25c 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRAEAS.

	12	100	250
Spiraea japonica, large clumps.	$0.60	$3.75	$8.75
Spiraea comp. multi., large clumps	.70	4.50	10.50
Spiraea astiboides floribunda...	.80	5.00	11.00
Spiraea Gladstone or superba..	1.20	8.00	18.00

H. H. Berger & Co., 47 Barclay St., N. Y.

STEVIAS.

Stevia variegata, 2¼-in., very fine, $3.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

Stevia, 4-in. pots, $5.00 per 100.
Converse Greenhouses, Webster, Mass.

STOCKS.

Cut and come again. Princess Alice, pure white, from seed bed, 60c per 100. Seed, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

SWEET WILLIAMS.

Sweet williams, dbl. mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Umbrella plants, 2-in., $2.00 100.
Chas. Gay, Des Moines, Iowa.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

VEGETABLE PLANTS—Continued.

Asparagus roots. Palmetto, Conover's Colossal and Barr's Mammoth, all strong vig. 2-yr.-old roots. Place your order for delivery now or for spring, 1905. Also rhubarb roots and horseradish plants.
Wm. R. Bishop, Seedsman, Burlington, N. J.

Rhubarb roots for forcing. Large size, 100 to the barrel, $3.50 per 100; $30.00 per 1,000. Also millions of strawberry plants.
W. W. Thomas, The Strawberry Plantsman, Anna, Ill.

Parsley, large, strong roots from ¼ to ⅝-inch in diameter, a curled variety, well adapted for forcing. 25c per 100; $1.50 per 1000. Money refunded if not satisfied.
L. M. Deeds, Shillington, Pa.

Parsley, extra large moss curled, field-grown, 20c 100; small plants, 10c 100. Cash.
Mayer & Son, Willow Street, Lancaster Co., Pa.

Asparagus roots, Palmetto and Barr's mammoth, 2-yr., $3.00 1000; 1-yr., $2.50 1000.
J. H. O'Hagan, Little Silver, N. J.

Lettuce plants, Grand Rapids, $1.25 1000. Parsley, extra double curled, $1.25 1000.
S. J. Perry, Lock Box 33, Grand Rapids, Mich.

Ready now, fine 2½-in. forcing tomato plants, $2.00 100. Cash.
Roney Bros., West Grove, Pa.

Lorillard tomato plants, true pot plants, $2.00 100; $17.00 1000. Benj. Connell, W. Grove, Pa.

VERBENAS.

Lemon verbenas, 2¼-in., 50c doz., $2.50 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Myrtle (vinca minor), delivered now or in spring, $10.00 per 1000. Sendfor stock list.
S. J. Galloway, Eaton, Ohio.

VIOLETS.

Marie Louise and Campbell violets. 500 good clumps from field, per 100, $4.00. 500 3-inch Campbell, per 100, $3.00.
Geo. Engel, Xenia, Ohio.

Violet plants. Marie Louise, no spot; 3-in. stock, $2.00 a 100. Smaller plants from soil, $1.00 a 100. R. Kilbourn, Clinton, N. Y.

La France, strong, field-grown violets, fine, large, 5c. Edw. Teas, Joplin, Mo.

Violets Lady Campbell, field-grown, $4.00 100.
Converse Greenhouses, Webster, Mass.

We make a specialty of violets. Write
Eli Cross, Grand Rapids, Mich.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

TO EXCHANGE.

To Exchange—Surplus Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Pond and Roosevelt carnations, for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J.

WANTED.

Wanted—Bulbs in lots of 1000 to 10,000 each of the following: Tulips, select mixtures, crocus, hyacinths, separate colors, mixed; narcissus, all kinds; lilies.
Indianapolis Floral Co., 839 Ft. Wayne Ave., Indianapolis, Ind.

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Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York.

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Christmas Trees. We offer attractive prices for early orders. Let us figure with you.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Christmas trees and evergreens. Special attention paid to furnishing in car-load lots.
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Christmas trees.
H. Schuenemann, 212 So. Water St., Chicago.

CUT FLOWER BOXES.

Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

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Superior, well-berried holly, 65-lb. case, $2.00. "Wildwood" brand wild smilax, 5-lb. case, $2.00. Large sabal crowns, chamaerops crowns, $2.50 per doz.; leaves, $2.50 per 100. Long needle pines, $5.00 100. Mock-orange foliage, $3.00 per 50-lb. case. Magnolia foliage, $2.00 per 50-lb. case.
Southern Wildwood Co., Garland, Ala.

Decorative evergreens. We can furnish on short notice southern wild smilax, magnolia foliage, long needle pine, holly, yupon, yucca, wild winter fern and gray moss. Write for catalogue and price list.
Magnolia Hill Evergreen Company, Roganville, Jasper Co., Texas.

CALIFORNIA PEPPER BERRIES. Long bunches of shining red berries of the pepper tree, light and graceful and choice for decorations, 60c per lb., postpaid. Cash with order. Sample for 10c.
Mrs. M. E. Patterson, Glendale, Calif.

Holly and green. Special attractive prices for early orders. Send us a list to figure on.
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Florida moss for Christmas tree drapery, 35c per lb., F. O. B. Order now; it keeps for months. T. Robertson, Port Allen, La.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
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Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Bouquet green. Best quality at lowest prices.
H. Schuenemann, 212 So. Water St., Chicago.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

Fancy and dagger ferns, smilax, etc.
H. L. Menand, 34 William St., Albany, N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

Cut ferns, evergreens, etc.
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EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
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Sheep manure, free from all adulteration, in bags, $18.00 per ton. Special price on car load lots in bulk. Robert Simpson, Clifton, N. J.

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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

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Galax, green or bronze, now ready for shipment; select stock.
W. W. Rominger, Montezuma, N. C.

Galax, bronze or green, and small green galax for violets
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GALAX LEAVES. Bronze or green.
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H. M. Robinson & Co., 11 Province St., Boston.

Galax leaves, bronze and green.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Greenhouse glass exclusively.
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We make a specialty of glass for greenhouses.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
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Peerless glazing points are the best.
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GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

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HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
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ANCHOR BRAND of greenhouse hose is THE hose for florists.
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A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
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NICOTICIDE kills all greenhouse pests.
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Leaf-mold and orchid peat. Write for prices.
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Bamboo plant stakes, 5 ft. and over, ¼ to ⅜ in., per 500, $2.75; 1000, $5.00; 2000, $9.00. 6 ft., ¼ to ⅜ in., per 500, $3.25; 1000, $6.00; 2000, $11.00.
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Cypress and oak tubs. We manufacture all sizes. Write for prices.
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Kramer's pot hangers. Neat, simple, practical. Write.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
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RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

Those RED pots. The right kind.
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Raffia. Samples free if you mention The Review. Large assortment of colors.
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Crane Bros., Westfield, Mass.
Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Sphagnum moss, baled spruce, etc.
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Tin Foil—Plain, fancy, printed and mounted.
Conley Foil Co., 521 West 25th St., N. Y.

Tin Foil—Plain, violet and rose.
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Tobacco dust for fumigating. We shall be pleased to send samples and quote prices.
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Tobacco stems, fresh and strong, in bales of 200 to 500 lbs., 75c per lb.
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Fresh tobacco stems, bale of 300 lbs., $1.50.
W. C. Beckert, Allegheny, Pa.

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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1,000, $75.00 10,000. Also stemming wire, rose stakes, etc.
H. F. Littlefield, Worcester, Mass.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Model Extension carnation supports.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

SOUTH BEND, IND.—August Beyer has opened a new flower store at 122 N. Michigan street. He advertised a "grand opening" November 12.

TARRYTOWN, N. Y.—A vase of Carnation Gibson Beauty was received on the second day of the recent exhibition, after the judging had been done, but was considered and awarded a certificate of merit.

JOLIET, ILL.—Joseph Labo has recently completed a house 35x200 and has his place in good shape, having also put in a new boiler. He has bought three acres of land adjoining his property to devote to nursery stock for local trade.

DENVER, COLO.—A. C. Engel is building a greenhouse on South Clarkson street.

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STOCK PLANTS.
HEALTHY STOCK AND TRUE TO NAME.

Wm. Duckham, Enguehard, S. T. Wright, Ben Wells, W. R. Church, General Hutton, 20c each, $2.00 per dozen.

Mrs. T. W. Pockett, Nellie Pockett, F. S. Vallis, Princess, Mildred Ware, Mrs. Thirkell, 15c each, $1.50 per dozen.

Golden Wedding, Glory Pacific, Monrovia, Robinson, Halliday, Jerome Jones, Bonnaffon, Timothy Eaton, Pink and White Ivory, Midge, G. S. Kalb, Black Hawk Childs, Lincoln Minerva, Aduia, Bloodgood Mutual friend Perrin, Maud Dean, Negoya Shrimpton, Golden Trophy, and other Standard Varieties, 75c per dozen, $5.00 per 100. All of the above stock was grown in solid benches.

SWEET ALYSSUM—Planted along the edge of your carnation bench will flower all winter; most useful for design work. 2½-inch pots, 5c each 50c per dozen.

CARNATION CUTTINGS—Send for our list of varieties and let us quote prices on the amount you will need.—Rooted to order for January delivery.

The William Scott Co.,
CORFU, N. Y.
Mention The Review when you write.

50,000
ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson). Paul Bruant, (D. scarlet), J. Viaud (D. pink). Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon) Mme. Buchner (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.00 per 100; $9.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $9.00 per 1000.

Asparagus Sprengeri—(Special). Nice plants from 2-inch pots. $1.25 per 100; $12.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

THE W. T. BUCKLEY CO., SPRINGFIELD, ILL.
Mention The Review when you write.

Chrysanthemum Stock Plants.

White Fitzwygram, Opah, Willowbrook, Polly Rose, Glory of Pacific, Ivory, Dalskov, 5c each. Monrovia, Omega, Robinson Halliday, Jerome Jones, Yellow Jones, Mrs. Weeks Appleton, Bonnaffon, Timothy Eaton Yellow Eaton, Mrs. Perrin, L. Leroux, Marion Newall, 8c each. Marie Liger Malcolm Lamond, Mlle. Douillet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon White Maud Dean, Ida Barwood, Baden Powell, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford C. J. Salter, Mrs Coombes, Nellie Pockett, Mrs. T. W. Pockett 15c each. Diederich Globosa Alba, Lord Hopetoun Ethelyn, Percy Plumridge, Harry Plumridge, Wm. Duckham, Leila Filkins, Ben Wells 25c each.

FERNS—Boston Ferns 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c, 5-in, 25c, 6-in, 50c, 7-in, $1.00, 8-in, $1.25.

Piersoni—2½-in, 8c. Cash or C. O. D.

W. J. & M. S. VESEY,
FORT WAYNE, IND.
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STOCK PLANTS NOW READY.
LARGE STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.
Mention The Review when you write.

FINE STOCK!

CHEAP, TO MAKE ROOM.	Per 100
PIERSON FERN—2½-inch	$ 3.00
4-inch	10.00
5-inch	15.00
BOSTON FERN—4-inch.	8.00
5-inch	15.00

Ferns are very fine and have been potted from bench.

ASPARAGUS PLUMOSUS—2½-in., $2.50 per 100; $20.00 per 1000.
ASPARAGUS SPRENGERI—2½-in., $2.00 per 100; $18.00 per 1000
GERANIUM—Jean Viaud. 2½-in., $2.00 per 100.
COLEUS—Fine assortment in 15 varieties, 2½ in., $1.50 per 100.
ABUTILON—Fine, good sorts, 2½-in., $2.00 per 100.
FLOWERING BEGONIAS—Assorted. 2½-in., $2.50 per 100.
SALVIA SPLENDENS—2½-in., $2.00 per 100.
AGERATUM—Three sorts, $2.00 per 100.
GERMAN IVY—$2.00 per 100.

THE SPRINGFIELD FLORAL CO.
SPRINGFIELD, O.
Mention The Review when you write.

CINERARIAS!

Finest Large Flowering, Dwarf mixed, ready for 3-inch pots, $2.00 per 100. Strong plants.
CYCLAMEN GIGANTEUM—Finest Giants mixed, 200 seeds, $1.00, ⅛ pkt., 50c.
GIANT PANSY—Best of Giants, mixed, 5000 seeds, $1.00; ⅛ packet, 50c.
CHINESE PRIMROSE—Finest grown, single and double mixed. 500 seeds, 21.0; ⅛ pkt. 50c.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

50,000 CANNAS!

Forty leading varieties. $10.00 per 1000 and upwards. Write for list and prices.

THE DINGEE & CONARD CO., West Grove, Pa.
Mention The Review when you write.

ORCHIDS

Our Stock of Established and Semi-established Orchids is the **ACME** of perfection this season. Many in sheath and spike. Write for Catalogue.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**
Mention The Review when you write.

Violets.

We make a specialty of
VIOLETS...

ELI GROSS, Grand Rapids, Mich.
Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, in bud and bloom, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 4-in., $6.00 per 100.

SAMUEL WHITTON. 15-17 Gray Ave. **UTICA, N.Y.**
Mention The Review when you write

GOT STUCK BY AN IMITATOR.

Carthage, Mo.—We ran out of your Fumigating Kind of Tobacco Powder and tried some that a home dealer recommended very highly, it was a great deal cheaper, but it was a dear experience, as it injured the blooms when enough of it was used to be effectual in killing insects. We must say, emphatically, yours was in every way satisfactory; in future—yours for us. See page 1360.
FINN & SON.

Mention The Review when you write.

Are all flower growers liars?

SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 1348-49-51-59, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Mention The Review when you write.

FUMIGATING.

Some of the large growers have dropped tobacco stems and are now using a cheap grade of tobacco leaf. It costs but little more than the stems and, as the leaf contains more nicotine than the stem, a smaller quantity produces an equal effect. We saw the leaf in use recently at the establishment of Bassett & Washburn, Hinsdale, Ill. The piles were placed directly on the walks and consisted of a double handful of the loose leaves on a small piece of paper. The tobacco was not dampened and it burned without flame. It requires less watching and is more satisfacory than the stems in many other ways.

On top of each one of the piles mentioned above was placed a handful of red pepper. The quantity seemed large as the fumigating piles were only about fifty feet apart, but we were told that no harm resulted to anything except thrips.

WACO, TEX.—P. J. Berckmans, of Augusta, Ga., was judge of the ninth annual flower show, which opened here November 9, continuing for three days and achieving the greatest success in the history of local exhibitions.

OSAGE, IA.—Walter S. Hall is an enterprising florist. His annual chrysanthemum show draws out almost the entire population of Osage. This year he has engaged the K. of P. band during the show. If more of the florists in the country would follow some of Mr. Hall's methods of doing business and advertising, it would increase the demand for flowers to a considerable extent.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

ROSE LEAF EXTRACT OF TOBACCO INSECTICIDE

For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

Mention The Review when you write.



Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works, RICHMOND, IND.

Mention The Review when you write.

Adiantum Cuneatum,

From 2-inch pots, fine, healthy plants, ready for a shift.

$3.00 per hundred, $25.00 per thousand.

Just ready to plant out for cutting this winter.

The Geo. Wittbold Co.

1657-1659 Buckingham Place, CHICAGO.

Mention The Review when you write.

Fine Field-Grown Carnation Plants.

	Per 100
Flora Hill, white	$ 6.00
Joost, pink	4.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	8.00
Out of all other varieties.	
Asparagus, 3-in. pots, very fine	5.00
Picus, 6-in. pots	35.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Mention The Review when you write.

PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

Mention The Review when you write.

MUM STOCK PLANTS Per 100 $6.00 Freight paid.

Strong open-ground roots. Robinson, Appleton, Chidds, Monrovia, Omega Liger, and two extra early southern seedlings, white curled, globe-form and a deep yellow. Pierson Runners, $3.00 per 100; extra strong.

THE AVENUE FLORAL CO.

3442 St. Charles Ave., NEW ORLEANS, LA.

Mention The Review when you write.

New Hardy Annual

The Gold Medal carmine flowered tobacco plant. Silver Medal Mass. Hort. Society, Boston, Nov. 8, 1904.

Nicotiana Sanderae

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal London, 1903. Gold Medal Royal Horticultural Society of England, 1904. First-class Certificate and Barksian Medal by 24 members Floral Committee R. H. S.

Particulars, colored illustrations, etc., from

SANDER & SONS, St. Albans, England.

Wholesale agents for the United States:
H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.
J. M. Thornburn & Co., 36 Cortlandt St., New York.
Vaughan's Seed Store, Chicago and New York.

Mention The Review when you write.

CHAS. GAY, THE ROOTED CUTTING SPECIALIST

Ready Now—Geraniums—S. A. Nutt, La Favorite, Jean Viaud, Perkins, Poitevine, Ricard, A. H. Trego, $1.50 per 100 prepaid.
Umbrella plants, 2-inch, $2.00 per 100.
Let me know what you want in Carnations, Feverfew, Fuchsias, Lantanas, Heliotropes, Marguerites, Salvias and Verbenas. Cash please.

DES MOINES, IOWA.

Mention The Review when you write.



Send for booklet entitled, "HOW."

THE PERFECT FLUE CLEANER.

C. S. KREIDLER, Sta. H. Cleveland, O.

Mention The Review when you write.

Quite Dead?

Sure I used Nicoticide. Best cure for "overliveliness" in insect pests.

Tobacco Warehousing & Trading Co.
LOUISVILLE, KY.

Mention The Review when you write.

$20.00 HOMESEEKERS' TICKETS VIA THE WABASH.

On November 22 the Wabash will sell homeseekers' excursion tickets at $20 00 for the round trip from Chicago to all points in Oklahoma and Indian Territories, and many points in Texas, Missouri, Kansas, Arkansas and Louisiana, Write for full particulars. Ticket office. 97 Adams St., Chicago, Ill.

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CYPRESS and OAK TUBS

We Manufacture All Sizes.



PRICES OF PLANT TUBS

12 or 13 inches diameter, inside measurement	$1.50	24 or 25 inches diameter, inside measurement	$5.00
14 " 15 " " " "	2.00	26 " 27 " " " "	5.50
16 " 17 " " " "	3.00	28 " 29 " " " "	6.50
18 " 19 " " " "	3.50	30 " 31 " " " "	7.50
20 " 21 " " " "	4.00	32 " 33 " " " "	8.50
22 " 23 " " " "	4.50	34 " 35 " " " "	10.00

BOBBINK & ATKINS, Rutherford, N. J.

NURSERYMEN AND FLORISTS.

Mention The Review when you write.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

S. A. Nutt, Mme. Landry, Alphonse Ricard, Mme. Charrotte, Mme. Canovas, Jean Viaud, Granville, (single), La Favorite, John Doyle, Double Gen. Grant, Mme. Jaulin, L'Aube, Jacquerie, Glorie de France, Mme. Barney.
$2.00 per 100; $17.50 per 1000.

	Per 100	1000
Alternanthera, red and yellow, in variety	$2.00	$15.00
Alternanthera, rooted cutting	.60	5 00
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Ficus, 4-in. pots, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Plumbago, blue and white, 3 in. pots	3 00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

We are booking orders now for Fall delivery. First-class collection. List and prices sent on application. Send for trade price list.

We have about 5000 roots that have become mixed which we are offering at $1.00 per 100; $85.00 per 1000.

CASH WITH ORDER.

R. Vincent, Jr. & Son

WHITE MARSH, MD.

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ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch ..... **per 100, $2.00 per 1000, $15.00**
Strong, 3-inch ..... **per 100, 3.00 per 1000, 22.00**

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

We have 500

Hydrangea Hortensis Japonica.

Very strong field-grown plants. Will take 7 and 8-inch pots, at $15.00 per 100.

Schluraff Floral Co.,

2406 Poplar St., ERIE, PA.

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BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6 00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

Grand Stock Plants

Of the Best To-date.

1000 Wm. Duckham, 1000 Dr. Enguehard, $1.50 per doz.; $10.00 per 100. Miss M. Ware, F. A. Cobbold, Ben Wells, $2.00 per doz. Mrs T. W. Pockett, M. Richardson, Mrs. Thirkell, Mrs. Coombes, Miss A. Byron, C. J. Salter, Wm. R. Church, Convention Hall, $1.20 per doz. Sov. de Calvat pere 20 cents each.

This stock has produced magnificent blooms and will be shipped C. O. D. with the privilege of examination.

GUSTAV D. LOTZE, Glen Burnie, Md.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

POOR DRAUGHT.

We have a horizontal tubular steam boiler, fourteen feet long, grate 3x4 feet, with twenty-two 2-inch tubes. The stack is thirteen inches in diameter and twenty-four feet high. Is it large enough? There is a poor draught.

J. H.

The diameter of the smokestack is ample and the length is sufficient, provided there are no buildings or trees near which are taller and produce air currents which would hinder the draught of the chimney. The only fault in the construction seems to be the size of the grate, which it appears is too large for the boiler and for the capacity of the flues and stack. I would suggest that you cover the grate bars next to the sides of the fire box with brick so as to reduce the grate surface to an area 2x4 feet instead of 3x4 feet as at present and maintain a clean, thin fire over this area and note the effect. If the draught is not improved the fault is in some other factor. L. C. C.

SIGN YOUR QUERIES.

It is never worth while to write a letter and not sign your name. This applies with particular force to queries sent to the Review. Names are not published but unsigned queries never receive the attention which would otherwise be due them.

BEGONIA
GLOIRE DE LORRAINE

Fine thrifty stock, 2-inch, per 100, $10.00.
4-inch, per 100, $40.00.
Prices of larger stock upon application.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen, $20.00 per 100.
Primula Sinensis—2½-in., $2.00 per 100.
Cinerarias—2½-in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4 in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1.75 per 100. **Violets,** Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

Boston Ferns From bench, $1.50 to $10 per 100

Cannas In twenty best varieties, at $2.00 per hundred.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

Mention The Review when you write.

	Per 100
ASP. PLUMOSUS NANUS, 3-in.	$4.50
CIGAR PLANT (Cuphea), 2-in.	2.00
CRYPTOMERIA JAPONICA, 2-in.	5.00
" " 4-in.	10.00
SMILAX, 2-in., 75c per 100; Seedlings 25c per 100	
SELAGINELLA, 2-in.	$2.25 per 100.
PELARGONIUMS, 2-in., mixed	$3.00 per 100.
MIGNONETTE, (Matchet), 2-in.	$2.00 per 100.

E. I. RAWLINGS, - Quakertown, Pa.

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A Step in the Right Direction.

We protect the trade by selling direct to the florist.

Headquarters for ARAUCARIA EXCELSA

April importation only; have an immense stock; can supply all wants. No seedlings—raised from top cuttings only in Belgium.

5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c. 5½-in. pots, bushy plants, 13 to 15 in. high, 3 to 4 tiers, 60c. 5½ to 6-in. pots, bushy plants, 17 to 19 in. high, 3 to 4 to 5 tiers, 75c. 6-in. pots, bushy plants, 20 to 22 to 24 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each.

Great bargain in Kentia Palms—4,000 Kentia Forsteriana, 3-inch pots, made-up plants, 3 plants in a pot, 16 to 18 inches high, 8 to 10 leaves, 15c each by the doz., $12.00 per 100, $10 00 per 100 in 500 lots; 4-in. pots, made-up plants, 20c.

Kentia Forsteriana and Belmoreana—6-inch pots, 5 to 7 leaves, 30 to 40 inches high, 75c to $1.00 each; 4-year-old Forsteriana, made-up plants, 7-in. pots, 40 to 48 inches high with 6 smaller around, about 18 to 20 in. high, $1.50 each.

Phoenix Canariensis—8-inch pots, 4 feet high, 4 feet wide, 14 perfect leaves, perfect jewels; good for decorating, only $2.00 each, worth $5.00.

Cocos Weddeliana—3-in., very strong, $12.00 per 100. Six plants and up at this rate.

Ficus Elastica—Imported and home-grown, 5, 5½ and 6-inch pots, 16 to 25 inches high, 10 to 17 leaves, strong, bushy plants, 30c, 40c to 50c. Specimens, 6 to 7-inch pots, 30 inches high and up, 75c.

Asparagus Plumosus Nanus—3-inch, strong, $6 00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cycas Revoluta—6, 7, 8-inch pots, from 5 to 8 leaves, 50 cents each.

Boston Ferns—6-inch pots 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 7-inch specimens, 75c to $1.00 each; 8-inch pots, as big as a bushel basket, $1.25 each.

Areca Lutescens—Made-up plants, large, 5-in. pots 3 in a pot, 30c; 5½-in. pots, 50c; 6-in. pots, 80 in. high, 3 in a pot, 75c.

Latania Borbonica—6-in., 50c.

Adiantum Cuneatum—(Maidenhair fern)—4-inch, bushy, $1.20 per dozen.

Ferns—For fern dishes, mixed, 2½-in., 5c; 3-in., 15c to 20c strong.

Acorus Gramineus Variegatus—For dishes, $1.00 per doz.

Primula Chinensis for Xmas blooming, Rupp's best strain, 4-in., $8.00 per 100.

Solanum or Jerusalem Cherries, full of fruit, large, bushy plants, 5½ to 6-inch pots, from $2 00, $2 50 to $3.00 per doz. Capsicum annuum or Xmas peppers in fruit, 5-inch $2.00 per doz.

Just arrived per steamer Switzerland, 30 cases of Azalea Indica, best American varieties. I am noted for importing the choicest of Ghent's cream. Prices: 40c, 50c, 60c, 75c to $1.00 each.

One of 100 different testimonials:

CINCINNATI, OHIO, Sept. 29, 1904.

MR. GODFREY ASCHMANN:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY, 813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., Philadelphia, Pa.

Wholesale Grower and Importer of Pot Plants
Bell Phone Tioga 3669A.

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MONEY IN MUMS
GET THE RIGHT ONES

White—Polly Rose, Willow Brook, Ivory, Niveus (Grand), Adula (Best Incurved), Eaton (Mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Money makers, every one of them. Any four for 25c; twenty for $1.00.

W. J. OLDS, - UNION CITY, PA.

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RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

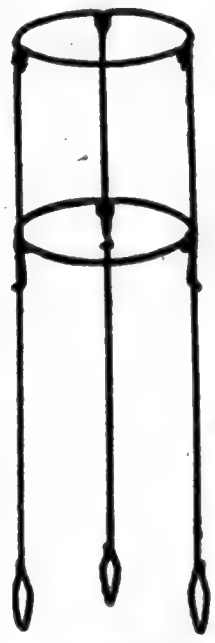
JOHN BROD, Niles Center, Illinois

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FOLDING BOXES CHEAP

Write for SAMPLES AND PRICES.

The Aull Bros. Paper & Box Co.,
DAYTON, OHIO.



...THE...
Model
EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

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DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

Asparagus

Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .60

—CASH—

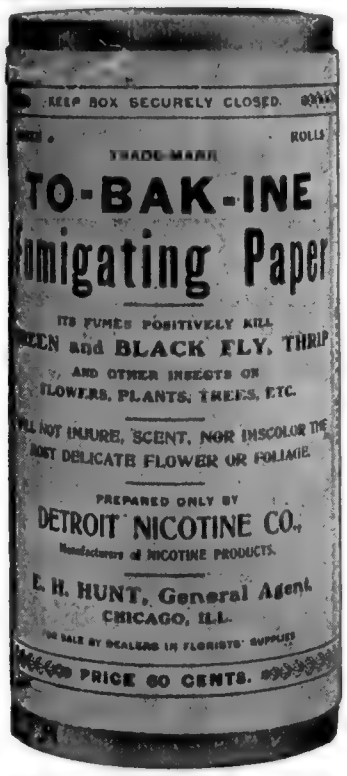
Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

2,000 Boston ferns, fit for 5 and 6-in. pots, 15c and 20c each, fine stock, well grown stock in full light. Piersoni Fern for 7-in., 35c; for 6-in., 25c. PLUMOSUS NANUS, 4-in., fine, 8c; 3½-in., 6c. Crimson Ramblers, for Easter: 2-year, 15c; 1-year, 10c. Cash please.

BENJ. CONNELL, West Grove, Pa.

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To-Bak-Ine Fumigating Paper.

ENDORSED BY THE GOVERNMENT.

INTERSTATE COMMERCE COMMISSION.
Office of the Secretary.

EDWARD A. MOSELEY, Secretary. WASHINGTON, D. C., Sept. 21, 1904.

E. H. HUNT, Chicago. Dear Sir:—Please send me a sufficient amount of your product, **To-Bak-Ine,** to fumigate four times a carnation house 22 x 100 feet. I want the same as that sent the **Department of Agriculture** some time ago, which was **Fumigating Paper.** My friends there **speak of it in the very highest terms.** I want it at once, please. Very truly yours, EDWARD A. MOSELEY.

A. F. J. BAUR says:—"For fumigating carnation houses in full crop, To-Bak-Ine Fumigating Paper is the finest thing we have ever come across; no fading of blooms; no odor left."

1 BOX (12 rolls), 60c. 1 CASE (144 rolls), $6.50.

Send for our booklet "WORDS OF WISDOM" by leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., Chicago, Ill.

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ADAM SCHILLO LUMBER CO.

Dealers in all kinds of
HEMLOCK and PINE
..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.

ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.

Cor. Weed and Hawthorne Ave., CHICAGO, ILL.
TEL. NORTH 1626 AND 1627.

☞ References given from the leading Florists of Cook County.

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DEARBORN ENGRAVING CO.,
300-306 Dearborn St. CHICAGO.

GREENHOUSE GLASS

Both SINGLE and DOUBLE at the LOWEST PRICES.
GLASS GUARANTEED. Ask for prices and references.

DURHAMVILLE GLASS MFG. CO., DURHAMVILLE, N. Y.

Eureka Greenhouses.

GREENHOUSE MATERIAL. COMPOSITION POSTS.
Send for catalogue. Get the best.

Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

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Garland's Gutters



Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.

GEO. M. GARLAND, DES PLAINES, ILL.

High-Grade BOILERS

Get our Catalogue **For GREENHOUSES**
STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

The King Construction Co.

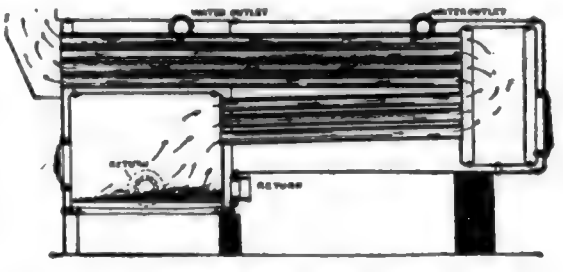
New Roof Construction, Automatic Stokers, Water Tube Steam Boiler, Automatic and Hand Ventilators.
NORTH TONAWANDA, N. Y.
32 CHURCH ST., TORONTO, ONT.

Wired Toothpicks

Manufactured by
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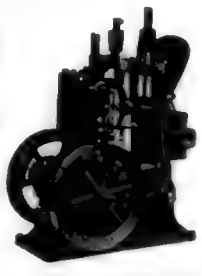
LILIES FOR EASTER.

I would like to ask what is considered the best way to hold back Japan longiflorums for Easter and when is it safe to put them into 65 degrees at night and full light and 75 degrees in the daytime? Will freezing hurt them before the top has started? Would a cool, dark cellar do? SUBSCRIBER.

Japan longiflorums do not usually want much holding when Easter is in early April and we have received the Japan bulbs in good time. We have for several years past had no trouble in getting them into flower in time, but ten years ago, although the flowers were fine, the plants were too dwarf. We did not blame the firm that supplied the bulbs, for we believe we put the bulbs into heat too soon, that is, before they had made good roots. The Japan seems to differ from the Bermuda lilies in this respect. Our experience and that of a very successful grower of these Japan bulbs, is that if they are well rooted by the middle of December and have made but little top growth you will have no trouble in forcing them into flower in fourteen weeks in a night temperature beginning at 55 degrees and increasing to 65 and 70 degrees.

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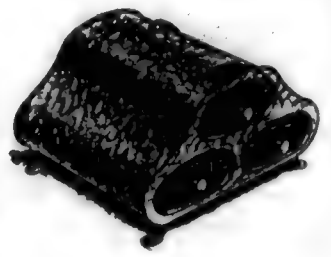
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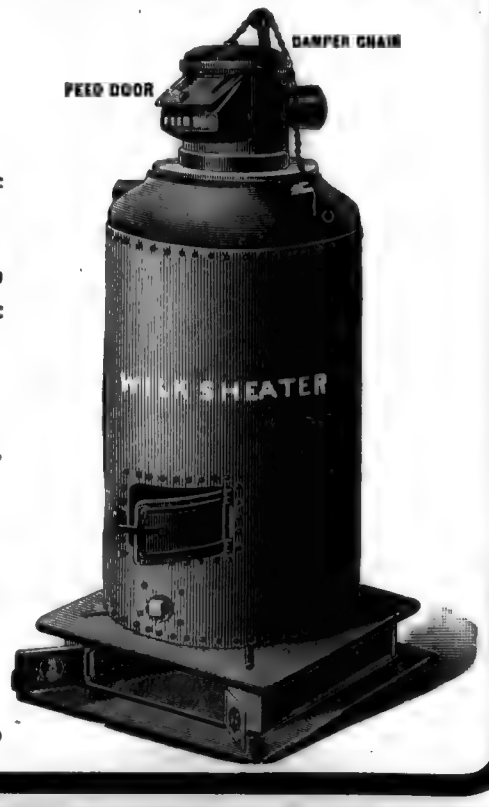
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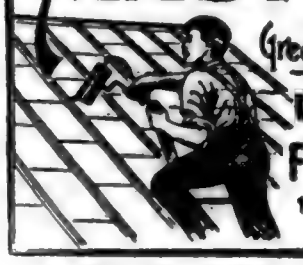
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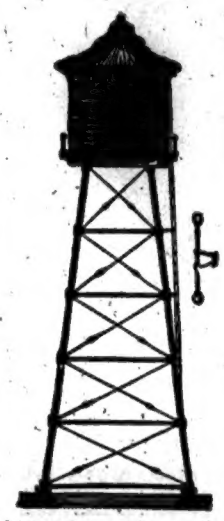
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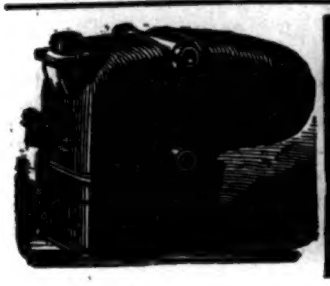
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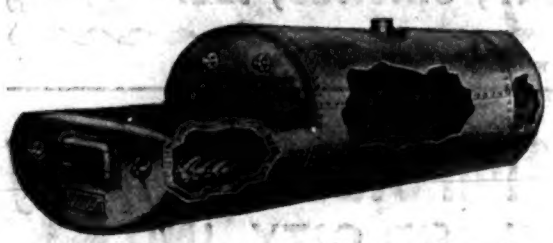
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